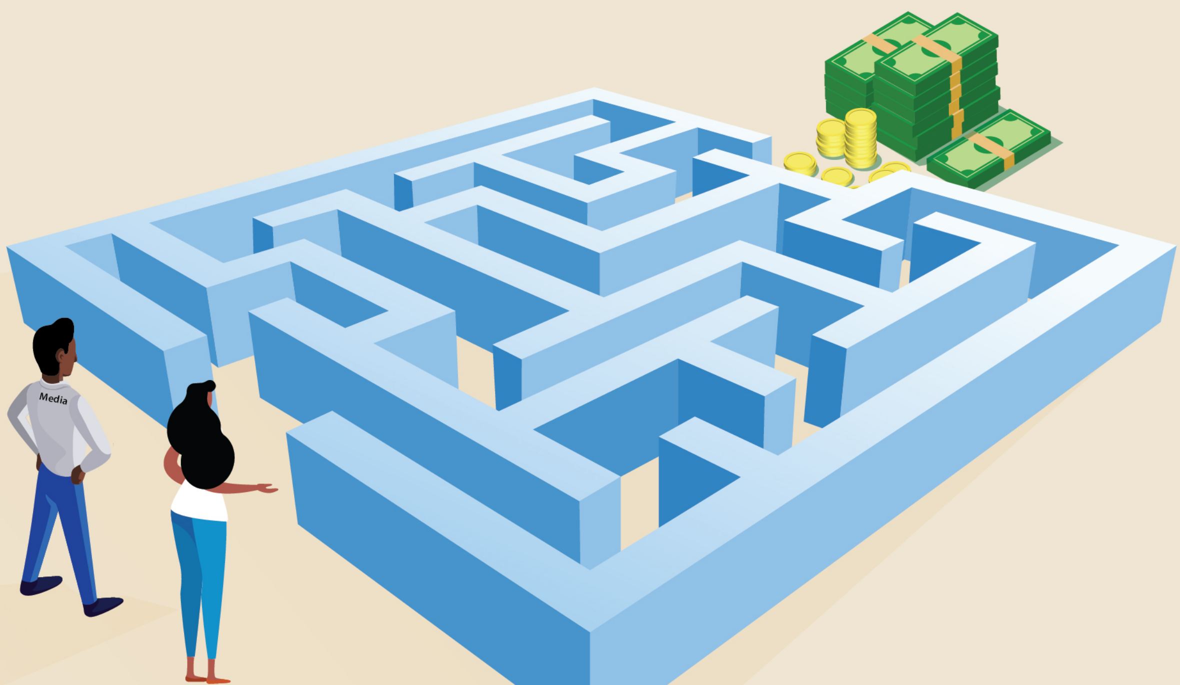
Guide for Journalists on Illicit Financial Flows, Progressive Taxation, Reserved-Based Lending, and Domestic Resource Mobilisation



Funded by NORAD through Oxfam in Ghana

Contents

Acronyms

ACJHR	African Court of Justice and Human Rights
AEOI	Automatic Exchange of Information
AML	Anti-money laundering
ARA	Assets Recovery Agency
ATAF	African Tax Administration Forum
AU	African Union
AUCPCC	African Union Convention on Preventing and Combating Corruption
BEPS	Base erosion and profit shifting
CAG	Comptroller and Auditor General
CAP	Chapter
CBK	Central Bank of Kenya
CCIJ	Center for Collaborative Investigative Journalism
CET	Common external tariff
CSO	Civil society organisation
DCI	Directorate of Criminal Investigations
DTA	Double taxation agreements
EAC	East African Community
EACC	Ethics and Anti-Corruption Commission
EACCMA	East African Community Customs Management Act
ECOWAS	Economic Community of West African States
ESAAMLG	Eastern and Southern Africa Anti-Money Laundering Group
EOCO	Economic and Organised Crime Office
EOIR	Exchange of Information on Request
FATF	Financial Action Task Force
FRC	Financial Reporting Centre
GACC	Ghana Anti-Corruption Coalition
GDP	Gross domestic product
GIPC	Ghana Investment Promotion Centre
GRA	Ghana Revenue Authority
IFFs	Illicit financial flows
IMF	International Monetary Fund
LSK	Law Society of Kenya
MAAC	Multilateral Convention on Mutual Administrative Assistance in Tax Matters
MLI	Multilateral Convention to Implement Tax Treaty-Related Measures to Prevent BEPS

MNE	Multinational Enterprise
MFWA	Media Foundation for West Africa
NACAP	National Anti-Corruption Action Plan
NORAD	Norwegian Agency for Development Cooperation
NRA	National risk assessment
ODPP	Office of the Director of Public Prosecutions
OECD	Organisation for Economic Co-operation and Development
PATF	Fiscal Transition Support Programme in West Africa
PCCB	Prevention and Combating of Corruption Bureau
PE	Permanent establishment
PEP	Politically exposed person
POCAMLA	Proceeds of Crime and Anti-Money Laundering Act, 2009
R.E.	Revised edition
SAAR	Specific Anti-Avoidance Rules
SADC	Southern African Development Community
TAT	Tax Appeals Tribunal
TIEA	Tax information exchange agreement
TJNA	Tax Justice Network Africa
TP	Transfer pricing
TPA	Tax Procedures Act
UN	United Nations
UNCAC	United Nations Convention Against Corruption
UNCTAD	United Nations Conference on Trade and Development
UNDP	United Nations Development Programme
UNECA	United Nations Economic Commission for Africa
UNODC	United Nations Office on Drugs and Crime
UNTOC	United Nations Convention against Transnational Organized Crime
USD	United States dollar
VAT	Value added tax

Figures And Tables

1.0. INTRODUCTION

GUIDE FOR JOURNALISTS ON ILLICIT FINANCIAL FLOWS, PROGRESSIVE TAXATION, RESERVED-BASED LENDING, AND DOMESTIC RESOURCE MOBILISATION

A story every journalist in Ghana should hear

Prologue

The Trail of Vanishing Billions

It began with a single phone call.

Kwame, an accountant at a regional cocoa cooperative, noticed something odd — a $10 million payment supposedly sent for a cocoa shipment never showed up in the books. A quick check of the exporter's documents revealed mismatched prices and a Dubai-based "consulting" firm that owned the buyer. There were no employees. No office. Just a mailbox.

Meanwhile, in Accra, a journalist named Akua was covering an unrelated procurement scandal. Her source casually mentioned offshore payments routed through cryptocurrency. She dug deeper and discovered a pattern — shell firms, underpriced exports, and bribes hidden in real estate.

Within months, two worlds collided: cocoa money laundering and digital finance fraud. One led to Dubai, the other to crypto wallets and obscure tax havens.

The real story? Ghana was losing billions — quietly, invisibly — through illicit financial flows (IFFs).

"IFFs are like termites: invisible until your house collapses." — Akua, investigative journalist

This guide was written for journalists like Akua and Kwame. It provides tools to:

• Spot hidden financial crimes,

• Follow digital and trade-based money trails, and

• Tell stories that bring corruption into the daylight.

Purpose Of the Guide

This media guide aims to provide journalists, editors, and media practitioners with a comprehensive understanding of Illicit Financial Flows (IFFs), progressive taxation, Reserved-Lending and Domestic Resource Mobilisation (DRM). It provides practical guidance on reporting these topics to foster informed public discourse and inform policy-making for sustainable development and economic justice.

Target Audience

- Journalists and reporters covering economic and financial news
- Editors and media managers
- Investigative journalists
- Media educators and trainers
- Students of journalism and related fields

MFWA and Partners

This guide is part of a larger programme called "Expose the Flow: Working Together to Curb IFFs in Sub-Saharan Africa (2023-2025)" and funded by the Norwegian Agency for Development Cooperation (NORAD). It is being implemented in Kenya, Ghana, Mozambique, Rwanda, and Tanzania. The ultimate vision, following the successful eradication of IFFs, is improved citizens' lives, with the potential for a high-level impact, including more money available for public services and the economy, thereby enhancing public services and incomes. The programme aims to improve the accountability, transparency, and effectiveness of domestic tax systems in target countries by strengthening the capacities of media and civil society and collaboration between them and other stakeholders on IFFs and taxation-related issues

The Media guide is funded by the Norwegian Agency for Development Cooperation (NORAD) through Oxfam in Ghana. NORAD is an administrative and specialist body for development cooperation and supports the Ministry of Foreign Affairs and the Ministry of Climate and the Environment in achieving the goals of Norwegian development policy and promoting sustainable development.

OXFAM in Ghana

Oxfam in Ghana has been operating in Ghana since 1985 with the aim of reducing poverty and inequality. Its vision is a just and sustainable world where those with power are accountable, and citizens realize their rights. Working with its national and community- based NGOs and think-tanks, Oxfam in Ghana currently works in three thematic areas: Just Economy, Accountable

Governance and Gender and Social Inclusion. It also works with state agencies including Parliament, Ministries, Departments and Agencies to influence policies, laws and programmes and advocate for a just economy, an improved social system where women and girls enjoy equal rights and a governance system that is democratic, inclusive and accountable.

Media Foundation for West Africa (MFWA)

The MFWA is a regional independent non-governmental organisation with a network of national partner organisations in all 16 countries in West Africa. It is the biggest and most influential media development and freedom of expression organisation in the region with UN ECOSOC (Economic and Social Council) Consultative Status. At the Africa Union (AU) level, the MFWA has Observer Status with the African Commission on Human and People's Rights (ACHPR). The MFWA also has Equivalency Determination Certification with NGOSource that certifies the organisation as being the equivalent of a public charity in the United States. The MFWA is also the Secretariat of the continental Network of the most prominent Free Expression and Media Development Organisations in Africa, known as the Africa Freedom of Expression Exchange (AFEX). It also works in partnership with other regional and international organisations through different networks such as IFEX, AFEX, the Africa Freedom of Information Centre (AFIC), the African Platform on Access to Information (APAI), Global Forum for Media Development (GFMD), and International Aid Transparency Initiative (IATI). The organisation also has a partnership agreement with the regional inter-governmental body, ECOWAS. It also engages frequently with mechanisms of the African Union (AU) and the UN.

How This Guide Is Organised

This guide is divided into fourteen (14) parts as follows: Part one is the introduction, part two covers natural resources and national economy. Part three is Governance, natural resources and development, part four is understanding Illicit Financial Flows, part five is taxation, part six is Domestic Resource Mobilisation, part seven is Economic Rent and part eight is linkages between IFFs, Progressive Taxation and Domestic Resource Mobilisation. Part nine is Reserve-based Lending and Resource-Backed Loans, part ten is Reporting on IFFs, Progressive Taxation and Domestic Resource Mobilisation. Part eleven is Investigative Journalism, part twelve is Case Studies and Examples, part thirteen is Resources and Further Reading on IFFs, Taxation and Domestic Resource Mobilisation and part fourteen concludes.

Importance of IFFs, Progressive Taxation, and DRM

Illicit Financial Flows (IFFs), progressive taxation, and Domestic Resource Mobilization (DRM) are critical components of Ghana's pathway to sustainable development, economic stability, and social justice. Addressing IFFs—such as tax evasion, money laundering, and trade mispricing—prevents the siphoning of essential resources from the public treasury. Progressive taxation ensures wealthier citizens contribute more to national revenue, thereby reducing inequality. Moreover, enhancing DRM through better tax collection and management of natural resource rents can strengthen Ghana's economic resilience and reduce dependence on foreign aid (Kar & Spanjers, 2015).

Political Economy Analysis of IFFs/DRM, Economic Rents, and Taxation in Ghana

Ghana faces significant challenges in curbing IFFs, which drain billions from its economy annually. These outflows involve multinational corporations, wealthy individuals, and political elites who exploit legal loopholes to evade taxes and hide wealth offshore (OECD, 2015). Ghana's reliance on natural resource rents also shapes its governance, with economic rents—particularly from gold, oil, and cocoa—being mismanaged, leading to corruption and inefficient public spending (Acemoglu & Robinson, 2012).

Integral to Sustainable Development and Economic Justice

Illicit Financial Flows (IFFs), progressive taxation, and Domestic Resource Mobilization (DRM) are critical components of Ghana's pathway to sustainable development, economic stability, and social justice. Addressing IFFs—such as tax evasion, money laundering, and trade mispricing — can prevent the siphoning of much-needed resources from the public treasury, which are essential for funding infrastructure, education, healthcare, and other public services. Progressive taxation ensures that those who can afford to pay more contribute a fair share to the nation's coffers, which helps to reduce income inequality and provide for the common good. Enhancing DRM through better tax collection, efficient public spending, and the management of economic rents — especially those derived from natural resources — can bolster Ghana's economic resilience, reduce dependency on foreign aid, and empower the state to pursue development policies that are truly in the national interest.

Political Economy Analysis of IFFs/DRM, Economic Rents, and Taxation in Ghana

The Challenge of IFFs in Ghana: Ghana, like many developing nations, faces significant challenges in curbing IFFs, which are estimated to drain billions of dollars annually from the economy. These outflows often involve multinational corporations, wealthy individuals, and political elites who exploit loopholes in the legal and regulatory frameworks to avoid taxation and hide wealth offshore. The political economy of Ghana's struggle against IFFs is shaped by the intersection of global finance, weak domestic institutions, and a governance system that is often susceptible to corruption and external influence. The result is a persistent loss of revenue that undermines the government's capacity to deliver essential services and invest in development.

Economic Rents and Their Impact on Governance: In Ghana, economic rents — particularly from natural resources like gold, oil, and cocoa — play a pivotal role in the political economy. The management of these rents is often influenced by political elites who use them to consolidate power, finance patronage networks, and maintain control over key sectors of the economy. While these rents can provide substantial revenue for the state, their mismanagement can lead to corruption, inefficient public spending, and social unrest. The concentration of economic power in the hands of a few can also distort markets, reduce competition, and exacerbate income inequality.

Taxation and Its Role in Economic Transformation: Taxation in Ghana is central to the state's ability to mobilize resources for development. However, the tax system has historically been regressive, with a heavy reliance on indirect taxes, such as VAT, which disproportionately affect the poor. While efforts have been made to introduce more progressive taxes, such as income and property taxes, enforcement remains weak, and tax evasion is rampant. The political economy of taxation in Ghana is characterized by a tension between the need for increased revenue and the resistance from powerful interest groups that benefit from the status quo. This resistance often leads to tax policies that are insufficiently progressive and tax administration that is underfunded and underperforming.

Contextual Relevance:

Global and Local Economic Climate: The current global economic climate, marked by rising inequality, increased scrutiny of tax havens, and a push for greater financial transparency, makes the issues of IFFs, DRM, and progressive taxation more relevant than ever. In Ghana, these issues are compounded by the economic challenges posed by the COVID-19 pandemic, fluctuating commodity prices, and the need for economic diversification. The country's reliance on natural resource exports makes it particularly vulnerable to global market shifts, highlighting the importance of building a robust domestic revenue base through effective taxation and the management of economic rents. Moreover, Ghana's commitment to the Sustainable Development Goals (SDGs) and its aspirations to become a middle-income country by 2030 underscore the urgency of addressing these challenges. Journalists have a crucial role to play in bringing these issues to light, informing public debate, and holding power to account.

1.2 Target Audience

Journalists:

Focus on Economic Policies and Financial Crimes: This guide is tailored for journalists who report on economic policies, financial crimes, governance, and related issues. These journalists are at the forefront of uncovering issues that affect national development, from the intricacies of tax policy to the complex networks involved in illicit financial flows. Their reporting not only informs the public but also shapes policy by holding governments and corporations accountable.

Editors:

Guiding Editorial Direction: Editors responsible for guiding the editorial direction and ensuring comprehensive coverage of economic and financial issues are a key audience for this guide. They play a crucial role in prioritizing stories, providing the necessary resources for investigative journalism, and maintaining the integrity and impact of the reporting.

Media Practitioners:

Broad Range of Media Professionals: This guide also targets a broader range of media practitioners, including freelancers, bloggers, and content creators who focus on economic issues. In today's media landscape, these practitioners often reach diverse audiences through various platforms, making their role in disseminating information on IFFs, progressive taxation, and DRM increasingly important.

2.0. NATURAL RESOURCE EXTRACTION AND GHANA'S ECONOMY

Given the dominance of natural resource extraction in Ghana's economy, we will use it as a backdrop to our discussion on Illicit Financial Flows (IFFs), Domestic Resource Mobilization (DRM), corruption, reserve-based lending, and natural resource-based borrowing, with governance serving as a second critical lens. Natural resources such as gold, oil, and cocoa have long been at the heart of Ghana's economic growth, contributing significantly to GDP, export earnings, and government revenues (Aryeetey & Baah-Boateng, 2016). However, the country's reliance on these resources raises concerns about the effectiveness of governance in managing the wealth generated, particularly in curbing illicit financial flows and promoting effective domestic resource mobilization.

Weak governance in the extractive sector often leads to vulnerabilities such as tax evasion, trade mis-invoicing, and profit shifting by multinational corporations, which are key drivers of IFFs (Global Financial Integrity, 2017). Poor oversight and inadequate regulatory frameworks enable these illicit practices, draining billions of dollars from the economy and undermining Ghana's capacity to finance development projects. Strong governance systems, including transparent reporting and accountability, are essential to reversing these trends and ensuring that resource wealth benefits the broader population (Cobham & Jansky, 2018).

Moreover, governance failures also exacerbate issues related to reserve-based lending and resource-backed loans. Ghana has increasingly relied on these mechanisms to secure capital for infrastructure projects, often using future oil and mineral revenues as collateral. While this has helped address immediate financing needs, the absence of strong governance increases the risk of debt sustainability issues, especially in the face of fluctuating commodity prices (Fosu, 2021). Corruption within both the political and administrative sectors further complicates resource governance, as it creates opportunities for elites and politically exposed persons (PEPs) to engage in rent-seeking behaviour, mismanage revenues, and facilitate IFFs (Africa Progress Panel, 2013).

By exploring these challenges through the dual lenses of natural resource extraction and governance, we seek to illuminate the broader implications of IFFs, DRM, and corruption on Ghana's economic sustainability and the potential pathways to reform.

2.1. The Importance of Natural Resources in the Economy of Ghana

The extraction of natural resources plays a crucial role in Ghana's economy, contributing significantly to output, incomes, revenues, and employment. Ghana is endowed with rich natural resources, including gold, oil, gas, and cocoa, which serve as key drivers of economic growth. However, the exploitation of these resources also presents challenges related to illicit financial flows (IFFs), corruption, and the country's ability to effectively mobilize domestic resources.

Output and Economic Growth

Natural resource extraction is a significant contributor to Ghana's GDP. For instance, the mining and quarrying sector, particularly gold mining, accounts for a substantial portion of the country's GDP. In 2022, Ghana's extractive industries contributed approximately 8.3% of the country's GDP (Ghana Statistical Service, 2023). The oil sector, which has seen growth since commercial production began in 2010, also contributes significantly to national output, with oil revenues bolstering public finances. However, the over-reliance on the extractive sector leaves the economy vulnerable to commodity price volatility (IMF, 2021).

Income and Employment

The natural resource sector provides direct and indirect employment for millions of Ghanaians. Mining, particularly artisanal and small-scale mining (ASM), employs a significant portion of the workforce, particularly in rural areas (Hilson, 2020). Furthermore, the oil and gas sector has created high-income opportunities in both skilled and unskilled labour markets. Nevertheless, the employment capacity of the natural resources sector is limited compared to its contribution to output, which creates challenges for broad-based economic development. The lack of employment in natural resource-dependent sectors may exacerbate inequalities and make the economy susceptible to what is known as the "resource curse" (Sachs & Warner, 2001).

Revenues and Domestic Resource Mobilization

Natural resources generate substantial revenues for Ghana, particularly through taxation and royalties. In 2022, mineral royalties and corporate taxes from the mining sector contributed a significant portion to government revenues, vital for domestic resource mobilization (Ghana Revenue Authority, 2023). However, the country faces challenges related to illicit financial flows (IFFs) in the extractive sector, including trade mis-invoicing and profit shifting by multinational corporations (MNCs). According to Global Financial Integrity (2017), illicit financial outflows from Ghana amounted to billions annually, reducing the amount of revenue that could be mobilized domestically. This hampers the country's ability to finance infrastructure, social services, and other developmental priorities.

Corruption and Illicit Financial Flows (IFFs)

Corruption remains a significant challenge in Ghana's natural resource governance. The extractive industry, particularly oil and gas, is vulnerable to rent-seeking behaviours and corruption. IFFs linked to corruption, such as the concealment of illicit wealth by politically exposed persons (PEPs) in offshore accounts, pose a major challenge to the country's economic development. The involvement of global financial systems in facilitating these IFFs exacerbates the issue. For instance, a report by the Africa Progress Panel (2013) revealed how corruption and IFFs contribute to the loss of significant resource revenues, undermining efforts at poverty alleviation and economic diversification.

Reserve-Based and Resource-Based Lending

Reserve-based and resource-based lending have been used to access capital for Ghana's economic development. These forms of borrowing involve using future revenues from natural resources as collateral to secure loans. While this strategy has helped the country finance infrastructure projects, it poses risks to long-term economic stability if resource prices fluctuate or if future revenues are overestimated (Fosu, 2021). The practice of forward-selling oil reserves has raised concerns about debt sustainability, especially in the context of declining oil prices and lower-than-expected production levels.

Linkages to the Broader Economy

Natural resource extraction can create backward and forward linkages to other sectors of the economy, such as manufacturing and services. For example, the oil and gas sector can stimulate growth in related industries, including transport, logistics, and construction. However, Ghana's experience demonstrates that the lack of strong industrial linkages has limited the broader benefits of resource extraction. The development of local content policies aimed at increasing domestic participation in the oil and gas sector is an important step toward maximizing the benefits of natural resource extraction for the broader economy (Obeng-Odoom, 2014).

Conclusion

While natural resource extraction remains a critical pillar of Ghana's economy in terms of output, employment, and revenue generation, the sector faces challenges that could undermine long-term sustainable development. The interplay between corruption, IFFs, and ineffective domestic resource mobilization creates a vulnerability for the economy, preventing optimal benefits from resource wealth. Strategic governance reforms, enhanced transparency, and better linkages between the resource sector and the rest of the economy are essential for leveraging natural resources to support economic diversification and inclusive growth.

3.0. GOVERNANCE, NATURAL RESOURCES AND DEVELOPMENT

3.1. Governance Challenges in Natural Resource Management

In natural resource extraction, the government faces policy choices that can make or unmake their development. As Figure 1 shows, four choices, divided into four quadrants, are open to the government:

Figure 1-Making strategic choices in natural resource extraction

Source: PETRAD (2008)

The framework matrix in Figure 1 represents policy prioritization based on two main dimensions:

1. **Government Take**: This refers to the level of resource extraction revenue or profit the government captures through taxes, royalties, or other fiscal instruments.
    - **Limited Government Take**: Represents policies where the government captures a smaller share of resource revenues.
    - **Substantial Government Take**: Represents policies where the government captures a larger share of the resource revenues.

2. **Direct Effects on Society**: This refers to the degree to which the policy has a substantial, tangible impact on society at large.
    - **Limited Direct Effects on Society**: Policies that have marginal or limited social impact.
    - **Substantial Direct Effects on Society**: Policies with a high impact on societal welfare, economic outcomes, or overall development.

Matrix Breakdown:

- **Quadrant I (Top Left):** Policies with **substantial direct effects on society** but a **limited government take**.
  Focus: These policies may foster economic growth, infrastructure, and social welfare but do not significantly increase the government's share of resource revenues. For Ghana, this could include policies that encourage private investment in the natural resource sector with incentives or subsidies to promote large-scale development. Such policies might focus on employment and local development but may limit government revenues.

- **Quadrant II (Bottom Left):** Policies with **limited direct effects on society** and **limited government take**.
  Focus: These are low-priority policies for Ghana as a resource owner. They neither bring substantial revenues to the government nor deliver significant social benefits. These could be policies that underprice natural resources without generating major public benefits, perhaps in the form of tax holidays for investors with minimal local content requirements. These policies would need reconsideration to enhance their value.

- **Quadrant III (Top Right)**: Policies with **substantial direct effects on society** and a **substantial government take**.
  Focus: This quadrant represents **high-priority policies** for Ghana, combining significant societal benefits with a large share of revenues for the government. Such policies would emphasize progressive taxation of resource extraction, ensuring that the wealth generated is channelled into public services, infrastructure, education, and health care. These policies also need strong governance mechanisms to reduce corruption and illicit financial flows, ensuring that resource wealth benefits the population broadly.

- **Quadrant IV (Bottom Right)**: Policies with **limited direct effects on society** but a **substantial government take**.
  Focus: While the government earns significant revenues from these policies, they do not necessarily translate into wide societal benefits. For Ghana, this could represent policies focused on maximizing fiscal take from natural resource companies without necessarily driving broad-based social development. Although revenues are high, without adequate

redistribution mechanisms or effective investment in public goods, these policies may contribute to inequality and missed development opportunities.

Policy Prioritization for Ghana

1. **Quadrant I Policies**: These may help attract foreign direct investment and private sector involvement in natural resource extraction but require complementary strategies to ensure that the broader population benefits. Ghana should carefully manage these policies to ensure that there are long-term gains, such as increased employment or infrastructure development.

2. **Quadrant II Policies**: Policies in this category may need to be restructured or abandoned. They provide neither substantial revenue nor significant societal benefits, representing a low return on resource wealth. Ghana should avoid or reform such policies to ensure that the natural resource sector contributes meaningfully to national development.

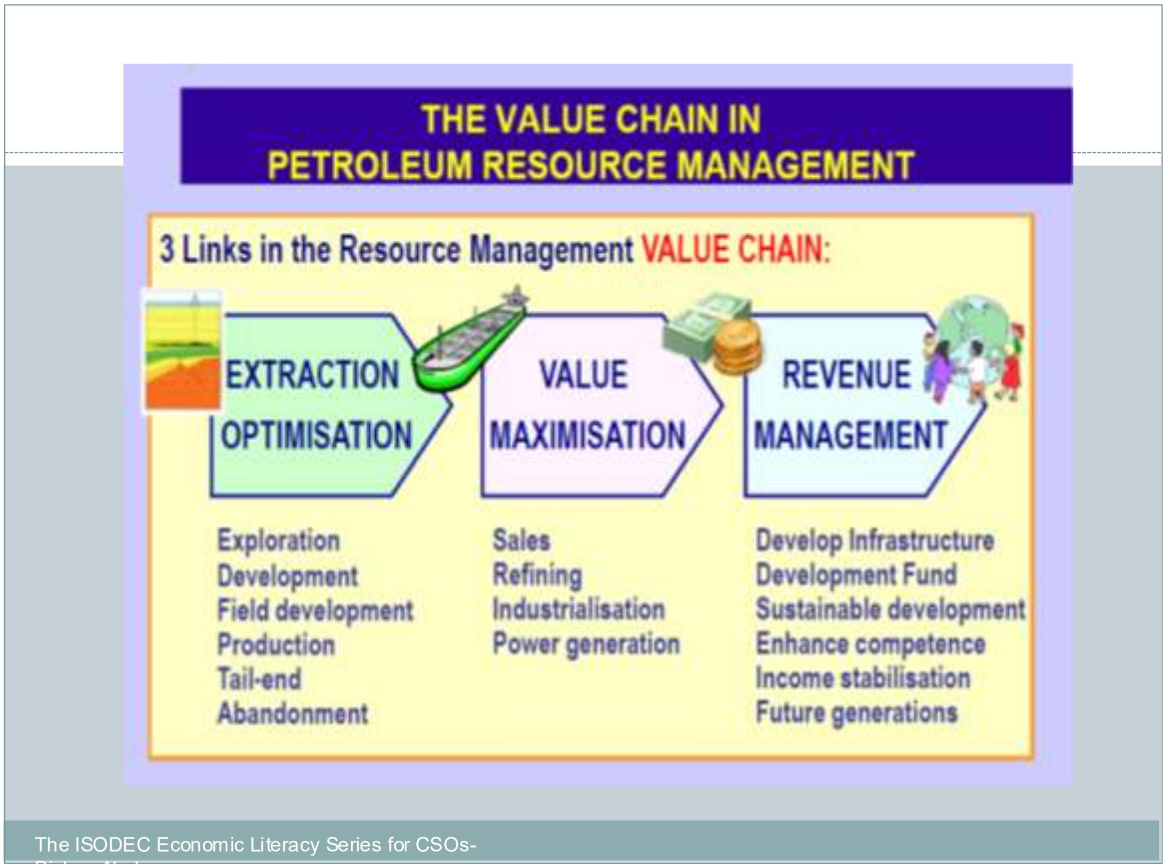
3. **Quadrant III Policies**: These should be **top priorities** for Ghana. The country needs policies that secure significant revenue from its natural resources while ensuring that this wealth is invested in critical areas like poverty reduction, education, and sustainable development. Good governance and transparency mechanisms are crucial to preventing corruption and IFFs from undermining these benefits.

4. **Quadrant IV Policies**: While these policies bring in substantial revenue for the government, they may require stronger linkages to national development strategies. High government take should be complemented by ensuring that the revenues are well-allocated for development purposes, improving infrastructure, and enhancing welfare programs.

In the context of Ghana, governance plays a crucial role in maximizing the potential of Quadrant III and Quadrant IV policies. By strengthening institutions and enhancing transparency in resource revenue management, the country can ensure that the wealth generated from natural resources leads to sustainable development outcomes. Additionally, policies addressing illicit financial flows, corruption, and DRM are essential to ensuring that government revenues are not siphoned off but are instead channelled towards critical national priorities.

This framework highlights the importance of balancing government revenue generation with societal welfare in Ghana's natural resource management.

Figure 2-Challenges in The Petroleum Value chain



Source: PETRAD (2008)

Figure 2 represents the **Value Chain in Petroleum Resource Management**. This framework is structured around three critical stages that are key to ensuring the effective management and maximization of benefits from petroleum resources. Let us break down the components of this value chain and discuss how they can apply to natural resource management in Ghana.

1. Extraction Optimization:

This is the first link in the value chain and focuses on ensuring that the extraction of petroleum is efficient and optimized. It involves several critical stages:

- **Exploration**: Identifying new oil and gas reserves.
- **Development**: Creating the necessary infrastructure to extract these resources.
- **Field Development**: Preparing the oil or gas fields for sustained production.
- **Production**: The actual extraction and processing of oil or gas.

- **Tail-end**: Managing the later stages of an oil field's life to ensure resources are fully extracted.
- **Abandonment**: Safely closing wells and restoring the environment after resource extraction.

Relevance to Ghana: The country has large oil and gas reserves, but to maximize benefits, it must ensure efficient extraction that minimizes waste and environmental harm. This includes using cutting-edge technology for exploration and development and applying best practices for managing the tail-end and abandonment phases to avoid economic and environmental damage. Effective regulation and oversight are necessary to ensure companies follow sustainable practices and the government captures a fair share of resource rents.

2. Value Maximization

The second link focuses on extracting the maximum economic value from the resources after extraction. This stage includes:

- **Sales**: Ensuring the petroleum is sold under favourable terms and in competitive markets.
- **Refining**: Processing raw petroleum into more valuable products (e.g., gasoline, diesel).
- **Industrialization**: Utilizing petroleum products to drive industrial growth and value-added industries.
- **Power Generation**: Using petroleum as a key input for generating electricity, thus enhancing energy security.

Relevance to Ghana: Ghana has traditionally exported crude oil but could capture greater value by investing in local refining capacity and industrialization. Developing petrochemical industries and ensuring that oil is used to generate affordable power for local industries could stimulate broader economic development. Strengthening domestic industries related to the oil sector helps reduce dependency on raw exports, builds value chains within the economy, and fosters job creation.

3. Revenue Management

This is the final link in the value chain and focuses on how the revenues generated from oil and gas extraction are managed and utilized for national development. Key components include:

- **Developing Infrastructure**: Using oil revenues to fund the construction of roads, schools, healthcare facilities, and other essential infrastructure.
- **Development Fund**: Setting up sovereign wealth funds or other mechanisms to save or invest revenues for future generations or to stabilize the economy.

- **Sustainable Development**: Ensuring that oil wealth is used to promote environmentally sustainable and socially inclusive development.
- **Enhancing Competence**: Investing in education, skills training, and capacity building to ensure citizens can participate in and benefit from the resource economy.
- **Income Stabilization**: Creating financial buffers (such as stabilization funds) to manage oil price volatility and avoid economic shocks.
- **Future Generations**: Ensuring that oil revenues benefit future generations by investing in long-term projects that support the economy after oil reserves are depleted.

Relevance to Ghana: Effective revenue management is one of the most critical aspects of petroleum resource governance. Ghana must ensure that revenues are not squandered or lost through corruption or inefficient management. The establishment of the Ghana Petroleum Funds, including the Stabilization Fund and the Heritage Fund, is an example of forward-thinking revenue management. However, the challenge remains in ensuring that these funds are transparently managed, insulated from political pressures, and used to fund sustainable development priorities.

Link to Broader Governance Framework

This value chain integrates directly with the broader governance challenges discussed earlier. For instance:

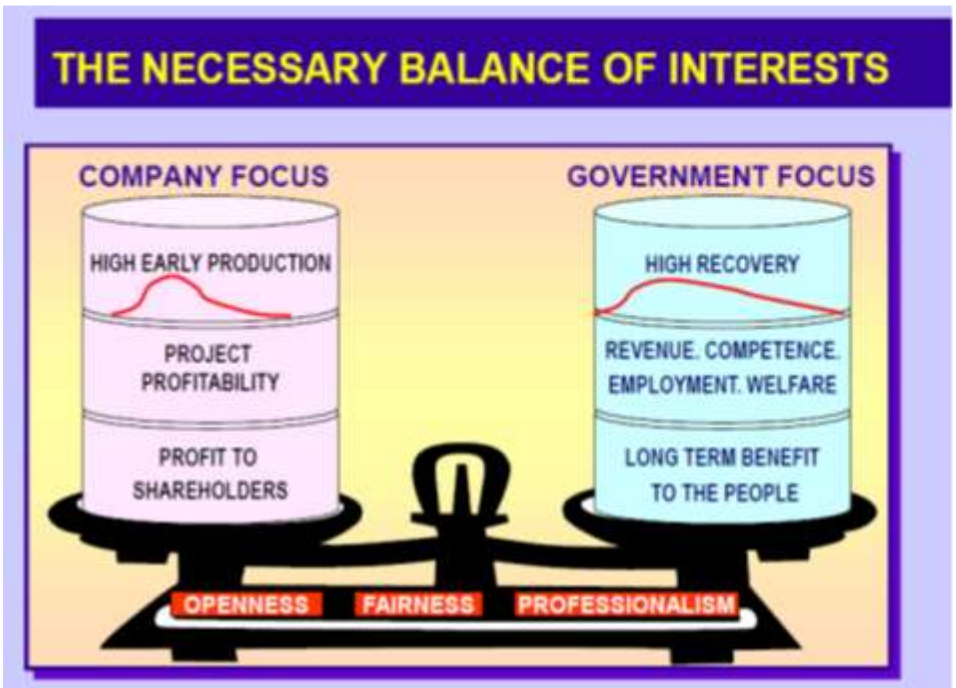
- **Extraction Optimization** relates to ensuring **good governance** in contract negotiations and licensing to avoid corruption and ensure fair government take.
- **Value Maximization** ties into effective governance by ensuring that the country maximizes its benefit from its natural resources, whether through local refining or industrialization, avoiding IFFs and promoting domestic resource mobilization (DRM).
- **Revenue Management** is critical for avoiding the "resource curse" and ensuring that oil revenues are used for public goods and services, with transparent governance systems to prevent corruption and rent-seeking.

Conclusion

The value chain framework for petroleum resource management provides a holistic view of how a natural resource-rich country like Ghana can manage its oil wealth from extraction to revenue allocation. The key to success lies in optimizing each stage of the value chain while ensuring strong governance mechanisms are in place. By improving its capacity at each link of the chain, Ghana can not only increase the revenues derived from petroleum but also ensure that these revenues contribute to long-term, sustainable development.

Figure 3 outlines the **balance of interests** between **governments** and **multinational corporations (MNCs)** in the context of natural resource extraction, specifically within the oil and gas industry as by extension, natural resource extraction. It illustrates the necessary balance between corporate and governmental objectives, which often diverge due to their differing priorities. Let us break down the divergent interests and analyse the dynamics between governments (and their citizens) versus multinational corporations (MNCs).

Figure 3-Balancing Government and Multinational Corporation Interests in natural resource extraction



Source:PETRAD, 2008

Company Focus (Multinational Corporations)

MNCs are primarily motivated by profit and operational efficiency. Their focus is on maximizing returns for shareholders, ensuring the profitability of their projects, and securing early production for faster revenue. The key areas of focus for MNCs include:

1. **High Early Production**:
   MNCs aim to ramp up production as quickly as possible to capitalize on early revenue streams. This is critical for them to recover their investment in exploration, infrastructure, and other operational costs. For MNCs, the faster the oil or gas flows, the quicker they can break even and begin generating profits.

2. **Project Profitability**:
   Profit margins and return on investment (ROI) are central concerns for MNCs. They design their operations, technology choices, and logistical decisions around maintaining or increasing project profitability. They seek to optimize costs while ensuring that the project remains commercially viable.

3. **Profit to Shareholders**:
   The ultimate responsibility of MNCs is to deliver returns to their shareholders. They seek to maximize dividends, share price, and overall market value by focusing on profitable extraction operations. As publicly traded or privately-owned companies, their primary accountability is to their investors, not the local population where they operate.

Government Focus (and by extension, Citizens)

Governments, on the other hand, have a broader focus that includes not only revenue generation but also long-term benefits for their citizens, social welfare, and sustainable development. The government's priorities in resource extraction include:

1. **High Recovery**:
   Governments seek to ensure that as much of the resource as possible is extracted over the long term. This means focusing on maximum resource recovery, which may involve more sophisticated and costly extraction methods. Unlike MNCs, which may prioritize quick and profitable extraction, governments are concerned with sustaining the resource over its lifespan to maximize benefits for the country.

2. **Revenue, Competence, Employment, and Welfare**:
   Governments are interested in capturing a significant share of the revenues generated from natural resource extraction through taxes, royalties, and production-sharing agreements. These revenues are essential for funding public services and infrastructure. Additionally, governments aim to use resource extraction to build domestic capacity (competence), create employment for citizens, and improve welfare outcomes, including healthcare, education, and poverty reduction.

3. **Long-Term Benefit to the People**:
   Governments are responsible for ensuring that natural resource wealth translates into long-term development for their citizens. This involves prudent management of the resources and revenues, investing in infrastructure, human capital, and social services, and ensuring intergenerational equity by saving or investing resource wealth for future generations. In Ghana, this is seen through initiatives like the Ghana Petroleum Funds, which are designed to safeguard resource wealth for the future.

Divergence of Interests

1. **Short-Term vs. Long-Term Priorities**:
    - **MNCs** focus on short-term profitability, quick returns, and maximizing shareholder value, which often involves ramping up production quickly.
    - **Governments**, however, prioritize long-term benefits for citizens, aiming for sustainable resource extraction and revenue generation that benefit future generations. Governments may be more cautious about depleting resources too quickly, particularly if the country is heavily reliant on a finite resource.
2. **Revenue Sharing**:
    - **MNCs** seek to minimize costs and maximize profits, which often leads to tension during negotiations over royalty rates, taxes, and other revenue-sharing mechanisms.
    - **Governments** want to capture as much value as possible from their natural resources, as these revenues are critical for financing national development and public services. Negotiations between governments and MNCs often revolve around how much of the revenue pie each party will receive.
3. **Local Development and Employment**:
    - **MNCs** may have limited interest in developing local industries or employing large numbers of local workers, as they may rely on skilled labor from abroad or prioritize cost-effective operations.
    - **Governments**, on the other hand, prioritize local content policies, which ensure that resource projects create jobs for local citizens, develop domestic industries, and transfer knowledge and technology to the host country.
4. **Environmental and Social Considerations**:
    - **MNCs** are often more focused on minimizing operational costs, which can lead to environmental shortcuts if not properly regulated. Their primary concern is profitability, and they may resist costly environmental or social requirements unless enforced by strong governance.
    - **Governments** have the responsibility to protect the environment and ensure that resource extraction does not cause long-term harm to local communities. Strong governance frameworks, environmental regulations, and social policies are essential to mitigate the negative impacts of resource extraction on people and the planet.

Balancing Interests: Openness, Fairness, and Professionalism

The balance between these two divergent interests is critical. The image highlights three key principles to maintain this balance: **openness, fairness, and professionalism**.

1. **Openness (Transparency)**:
   Transparency in contracts, revenue flows, and decision-making processes help to align the interests of both parties and builds trust. Governments must ensure that the public is aware of the terms of resource extraction agreements, while MNCs must commit to transparent reporting on production and payments.

2. **Fairness (Equitable Revenue Sharing)**:
   Fairness in the distribution of profits and revenues ensures that both the government and MNCs benefit equitably. This can be achieved through well-negotiated contracts, fair tax regimes, and production-sharing agreements that reflect the value of the resource and the risks involved.

3. **Professionalism (Regulatory Frameworks and Competence)**:
   Professionalism in both governance and corporate operations ensures that natural resource extraction is done in a manner that benefits all stakeholders. Governments need to have strong regulatory frameworks and institutional capacity to oversee extraction activities and ensure compliance with environmental, social, and economic standards. MNCs, in turn, must adhere to the best global practices in operations and corporate governance.

Conclusion

The divergent interests between MNCs and governments reflect the tension between profit maximization and the broader developmental goals of resource-rich countries. In Ghana, striking the right balance between these interests is critical for ensuring that the country's natural resources contribute to long-term national development. Transparent and fair governance frameworks, strong regulatory oversight, and strategic partnerships with MNCs can help align these interests and ensure that resource wealth benefits both the state and its citizens.

Multinational Corporation Investors-Worms or Eggplants

Figure 4 presents two contrasting models of multinational companies (MNCs) and their impact on host countries' economies, particularly in the context of natural resource extraction or investment. The comparison between **"Earthworms"** and **"Eggplants"** offers a simplified but powerful way to conceptualize the roles of MNCs and their contributions—or lack thereof—toward sustainable development and economic justice.

Earthworm Model: Cooperative, Sustainable, and Enriching

In this analogy, **earthworms** are depicted as **positive contributors** to the ecosystem:

- **They take what they need** from the soil but **also give back** in the form of a rich humus, which enriches the environment.
- By improving the quality of the soil, they leave it **better than they found it**, supporting long-term productivity.
- Earthworms **cooperate and work together** to create a beneficial, self-sustaining system that supports life.

Implications for Investors:

- **MNCs as Earthworms**: The earthworm analogy implies a multinational company that not only extracts resources or profits from a host country but also **invests in the local community, environment, and economy**. These companies operate in a **sustainable manner**, supporting local development, creating jobs, building infrastructure, and helping strengthen local governance and institutions.
- **Sustainable Investment**: Such companies are aligned with **corporate social responsibility (CSR)** principles. They may contribute to **domestic resource mobilization (DRM)** by paying fair taxes and royalties, promoting long-term economic development in line with **natural resource governance** best practices.
- **Positive Economic Impact**: The "earthworm" MNC acts as a partner, enhancing the host country's **economic resilience** and **capacity to mobilize domestic resources**. They contribute to the reduction of **illicit financial flows (IFFs)** by operating transparently, respecting local regulations, and fostering inclusive growth.

Figure 4-Country relations with Multinational Corporation-Earthworm or Eggplant?

Eggplant Model: Extractive, Self-Serving, and Depleting

On the other hand, the **eggplant** represents a **negative contributor**:

- **Eggplants take everything** they need from the soil without giving anything back, leaving it **totally denuded** and unable to sustain future life.
- Each eggplant operates **independently and selfishly**, focusing only on **short-term gain** rather than long-term sustainability.

Implications for Investors:

- **MNCs as Eggplants**: The eggplant analogy represents multinational companies that exploit a host country's resources, focusing only on **short-term profit maximization**. These companies contribute little or nothing to the development of the local economy and often leave behind environmental damage and depleted resources.
- **Unsustainable Practices**: These firms might exploit **tax loopholes**, engage in **tax avoidance or evasion**, and contribute to **IFFs** by shifting profits to low-tax jurisdictions.

They may not invest in local infrastructure, skills, or governance, resulting in **resource depletion** without fostering long-term economic growth.

- **Economic Harm**: Eggplant-type investors undermine **DRM** and **resource-based lending (RBL)** by avoiding taxes, draining resources, and destabilizing local economies. They often leave the host country worse off economically and environmentally, contributing to the **resource curse**, where natural wealth fails to translate into broad-based prosperity.

Analysing the Impact on Natural Resource Management, IFFs, and DRM

1. **Natural Resource Management**:
    - Earthworm-like MNCs support **sustainable resource management** by adopting responsible practices that enhance local capacity and ensure long-term productivity of natural resources.
    - Eggplant-like MNCs extract resources with minimal concern for future generations, often exacerbating the environmental degradation associated with natural resource extraction.
2. **Illicit Financial Flows (IFFs)**:
    - Earthworm MNCs contribute to the fight against IFFs by **paying fair taxes** and operating transparently.
    - Eggplant MNCs may engage in aggressive tax avoidance or profit shifting, contributing to IFFs that deprive host countries of much-needed revenue.
3. **Domestic Resource Mobilization (DRM)**:
    - Earthworm-like companies aid DRM by **paying their fair share of taxes**, royalties, and ensuring that their operations support local businesses and economic infrastructure.
    - Eggplant-like companies **drain domestic resources** by exploiting tax incentives and loopholes, leaving little to no long-term value for the host economy.

Conclusion: The Preferred Model

The analogy of **MNCs as earthworms** aligns with the idea of **sustainable investment** where multinational corporations enrich the host country, contribute to economic development, respect local ecosystems, and collaborate with local governments to promote long-term prosperity. This model fosters trust between governments and MNCs and is key to **combating IFFs**, enhancing **DRM**, and ensuring **productive investment of natural resource revenues**.

In contrast, the **eggplant model** represents the negative side of globalization and multinational investment, where firms extract value without contributing back, ultimately leaving countries in worse economic and environmental conditions. This is the type of investment that **governments must regulate** to avoid exploitation and ensure that MNCs do not exacerbate inequality or corruption.

Countries should aspire to attract **earthworm-like investors** who are willing to **engage in partnerships** that benefit both parties over the long term. This is essential for promoting **economic justice, environmental sustainability, and equitable development outcomes**

3.2. Governance as the Overarching Framework

Governance, as an overarching and organizing framework, refers to the systems, processes, and institutions through which authority is exercised, public resources are managed, and the state's objectives are achieved. It encompasses both the political and economic dimensions of state functioning, involving the mechanisms through which citizens and groups articulate their interests, exercise their rights, and meet their obligations (World Bank, 1992). Good governance, in particular, emphasizes accountability, transparency, participation, the rule of law, and the effective management of public resources to ensure equitable development and national prosperity (Grindle, 2004).

However, in the context of resource-rich countries like Ghana, where natural resources significantly contribute to economic development, governance also involves addressing critical challenges such as illicit financial flows (IFFs), corruption, domestic resource mobilization (DRM), and the responsible use of resource-backed loans (RBLs) for development. Two central debates have emerged on governance: the **good governance** approach versus **Khan's effective governance** model, both of which offer contrasting perspectives on how governance should be applied, especially in managing natural resource wealth.

3.2.1. Good Governance in the Context of Natural Resources and Development

The **good governance** framework, widely promoted by multilateral institutions such as the World Bank and International Monetary Fund (IMF), advocates for the application of democratic principles, transparency, and accountability in public administration (Grindle, 2004). In the case of natural resource extraction, good governance calls for robust legal frameworks that prevent corruption and illicit financial flows (IFFs) and ensure that revenues generated from resource extraction are used to finance public services, infrastructure, and national development.

In Ghana, good governance principles have been integrated into efforts to combat corruption and improve resource management. Transparency initiatives, such as the Extractive Industries Transparency Initiative (EITI), aim to ensure that the revenues from oil, gas, and minerals are publicly disclosed, and civil society is empowered to hold the government and private sector accountable. However, challenges remain. Ghana continues to experience high levels of IFFs, particularly in the form of trade mispricing, tax evasion, and profit shifting by multinational corporations, all of which reduce the revenues available for domestic resource mobilization (Global Financial Integrity, 2017).

Moreover, resource-backed loans (RBLs) and reserve-based lending are often seen as tools for financing national development. Still, the absence of good governance mechanisms can lead to debt mismanagement, corruption, and failure to use these funds effectively for national development projects. For instance, the forward sale of future oil revenues has sparked concerns about Ghana's long-term debt sustainability (Fosu, 2021).

3.2.2. Khan's Effective Governance Model

In contrast to the idealistic approach of good governance, **Mushtaq Khan's effective governance** model argues for a more pragmatic view of governance in developing countries. Khan asserts that focusing solely on achieving good governance standards, such as eliminating corruption and establishing strong institutions, may be unrealistic in low-income countries where the structural conditions for such governance are not yet present (Khan, 2004). Instead, he advocates for a focus on "effective governance," where the emphasis is placed on achieving developmental outcomes, even if certain good governance ideals are compromised.

Khan's model stresses the importance of understanding how political settlements or agreements between powerful groups within society—shape governance and resource allocation. According to Khan, the key question should be whether governance arrangements are capable of managing resources in a way that leads to positive developmental outcomes, even in the face of corruption or weak institutional capacity (Khan, 2004). In the context of Ghana, this means that while transparency and accountability are important, the priority should be placed on how effectively resource revenues are deployed for public goods, infrastructure, and long-term national development.

In the case of resource-backed loans and reserve-based lending, Khan's model suggests that the focus should be on how these financial tools are utilized to generate productive investments, even if the governance systems overseeing them are not fully transparent or free from corruption. The question is whether these mechanisms lead to tangible developmental benefits, such as improved infrastructure or enhanced social services, rather than solely focusing on reducing corruption.

3.2.3. Political Settlement for Curbing IFFs And Promoting Domestic Resource Mobilisation

Figure Political Organizations and the Ruling Coalition offers a framework for understanding how political settlements are, especially the distribution of power within ruling coalitions and excluded factions, impact on governance, including natural resource management, illicit financial flows (IFFs), domestic resource mobilization (DRM), and resource-based lending (RBL). Let's break it down in this context.

1. Vertical and Horizontal Distribution of Power

- **Vertical Distribution of Power (Ruling Coalition's Implementation Capability)**:
  - **Weak**: The ruling coalition has weak implementation capabilities, meaning policies and reforms may struggle to be enforced due to fragmentation or instability.
  - **Strong**: A strong ruling coalition can effectively implement decisions and policies, which is key for stable governance and economic management.
- **Horizontal Distribution of Power (Excluded Factions)**:
  - **Weak**: When excluded factions are weak, the ruling coalition faces little resistance and has more stability to implement long-term plans.
  - **Strong**: Strong excluded factions can disrupt political stability, leading to constant political competition or even overthrow, which makes long-term planning and implementation of policies (like managing IFFs or DRM) difficult.

2. Political Settlements in Relation to Economic Governance:

- **Potential Developmental Coalition** (Strong enforcement, weak excluded factions):
  - This setup creates an ideal environment for productive investment of natural resource revenues. A ruling coalition with strong implementation capabilities can focus on long-term developmental goals, such as infrastructure, education, and healthcare.
  - For **DRM**, this would mean a stable, growth-oriented government that can expand the tax base, enforce progressive taxation, and manage resource revenues effectively without the constant risk of political instability.
  - **IFFs** can be minimized in such environments as the government has the capacity to enforce anti-corruption measures and prevent capital flight.
  - For **RBL**, governments with developmental coalitions have more credibility when securing loans backed by natural resources, as lenders trust their stability and capacity to service debt.
- **Vulnerable Authoritarian Coalition** (Strong excluded factions, strong enforcement by the ruling coalition):
  - This system relies heavily on force or legal restrictions to maintain power, making it vulnerable to uprisings or coups. While such coalitions may manage to prevent short-term instability, they face significant risks in the long term.

- **Natural resource management** can be problematic in these regimes due to the risks of corruption or exploitation by elites close to the ruling power, leading to rent-seeking behaviour and inefficient use of resources.
- **DRM** efforts might be weakened by distrust in the regime. Even though they may have the capability to enforce tax laws, the focus on maintaining power may prioritize control over long-term economic reforms.
- **IFFs** are a high risk in such regimes, as elites and politically connected individuals may use their power to siphon off revenues and transfer wealth offshore.
- In **RBL** scenarios, lenders may view these governments as risky, since authoritarian regimes often collapse, leading to questions about loan repayment.

- **Weak Dominant Party** (Weak enforcement, strong excluded factions):
    - In this scenario, the ruling coalition's enforcement capabilities are eroded, often leading to more fragmented or less coherent governance.
    - **Natural resource revenues** may be mismanaged due to weak enforcement structures. Corruption or rent-seeking by lower-level factions becomes common, as seen in various cases like post-independence India.
    - For **DRM**, weak enforcement capacities hinder the government's ability to collect taxes effectively, leading to revenue leakages.
    - **IFFs** thrive in these environments due to the lack of oversight and accountability.
    - **RBL** would also be problematic because investors and lenders may lack confidence in the government’s ability to manage loans or stabilize the economy long enough to pay back.
- **Competitive Clientelism** (Weak enforcement, strong excluded factions):
    - This type of political settlement is marked by constant competition between factions. Stability is fragile and maintained only through the ability of ruling factions to distribute resources to maintain support.
    - **Natural resource management** is often compromised by the need to use resource revenues to buy political loyalty. Resource rents are diverted towards factional supporters rather than productive investment.
    - **DRM** is likely to be ineffective in such settings as the government is too fragmented to collect taxes efficiently or implement reform agendas.
    - **IFFs** are rampant because of widespread corruption and the need for political actors to accumulate wealth for personal or factional survival.

- **RBL** is highly risky in competitive clientelism environments because the government's focus is on short-term political survival rather than long-term financial planning, which increases the likelihood of default on resource-backed loans.

3. Implications for Resource Governance and Anti-IFF Efforts:

- **Strong Coalitions with Weak Excluded Factions (Potential Developmental Coalitions)** are the most conducive for productive investment and good governance. These regimes can enforce anti-corruption laws, prevent IFFs, and manage resource revenues effectively.
- **Weak Coalitions or Coalitions Facing Strong Excluded Factions** (Vulnerable Authoritarian, Weak Dominant Party, and Competitive Clientelism) face challenges in managing natural resources, IFFs, and DRM due to their focus on maintaining power rather than long-term development. These environments tend to suffer from corruption, capital flight, and inefficient resource management.

4. Conducive Environments for DRM and Minimizing IFFs:

- The **Potential Developmental Coalition** provides the most stable and conducive environment for managing domestic resource mobilization and reducing illicit financial flows. Strong implementation capabilities, coupled with low opposition from excluded factions, mean that governments can focus on long-term policy implementation without constant political disruption.
- On the other hand, the **Vulnerable Authoritarian Coalition** and **Competitive Clientelism** represent significant risks for DRM and anti-IFF efforts. These systems tend to prioritize short-term political gains over long-term economic development, resulting in mismanagement of resources, rampant corruption, and difficulty in mobilizing domestic resources effectively.

Conclusion:

In sum, the political settlement framework illustrated in the chart highlights how the distribution of power within and outside ruling coalitions directly impacts a country's ability to manage its natural resources, combat IFFs, and strengthen DRM efforts. A strong, stable ruling coalition with low opposition (like the **Potential Developmental Coalition**) is more likely to foster an environment conducive to long-term investments in natural resources and effective revenue mobilization. Conversely, weak or vulnerable coalitions (such as those under **Competitive Clientelism** or **Vulnerable Authoritarianism**) are prone to corruption, poor resource management, and high risks of IFFs, making them less effective in managing domestic resources and ensuring sustained economic growth.

Figure 5-Political Organisations and the Ruling Coalition

Source: Khan (2011)

3.2. Governance, Illicit Financial Flows, Corruption, And Domestic Resource Mobilization

Governance plays a pivotal role in addressing illicit financial flows, corruption, and domestic resource mobilization. IFFs represent a major governance failure, especially in countries like Ghana, where the natural resource sector is vulnerable to exploitation by both domestic elites and multinational corporations (Cobham & Jansky, 2018). Weak governance systems allow for the unchecked outflow of financial resources through trade mis-invoicing, transfer pricing, and other illicit mechanisms, draining billions from the economy each year.

The good governance framework advocates for stronger institutions, such as the Ghana Revenue Authority (GRA), to enhance tax collection and curb IFFs by enforcing anti-corruption measures, ensuring transparency, and strengthening legal frameworks. Meanwhile, Khan's effective governance perspective would argue that the immediate focus should be on increasing the government's ability to mobilize resources, even if these processes are not perfectly transparent, as long as they lead to improved infrastructure, poverty reduction, and economic growth.

Corruption is another significant governance challenge. In Ghana's natural resource sector, corruption has undermined public trust and impeded the effective use of resource revenues. Good governance principles demand the strengthening of anti-corruption institutions, the judiciary, and the media to hold public officials accountable. In contrast, the effective governance model would focus on maintaining political stability and utilizing resource wealth for development, even if corruption is not eliminated, as long as the revenues are being channelled into productive investments (Khan, 2004).

Resource-Backed Loans (RBLs) And Governance

Resource-backed loans (RBLs) have emerged as a key financing tool for Ghana, enabling the government to access capital for infrastructure and development projects by using future oil, gas, or mineral revenues as collateral. Good governance advocates emphasize the need for transparency in RBL negotiations, with clear terms and conditions to prevent the misallocation of funds or debt mismanagement (Africa Progress Panel, 2013). Transparency International (2017) also argues that RBLs must be subject to parliamentary oversight and public scrutiny to avoid corruption and the over-leveraging of future resources.

From Khan's effective governance perspective, the primary concern is not necessarily transparency but whether the funds from RBLs are being used effectively for national development. If the loans result in productive investments that boost economic growth, create jobs, and reduce poverty, they can be seen as successful, even if the governance processes surrounding them are not fully transparent (Khan, 2004). The ultimate measure of success is the developmental outcome, not the adherence to ideal governance standards.

Conclusion

Governance, whether through the lens of good governance or Khan's effective governance model, remains central to the discussion on illicit financial flows, corruption, domestic resource mobilization, and the use of resource-backed loans in Ghana. Good governance emphasizes transparency, accountability, and institutional strength, aiming to ensure that natural resource wealth translates into equitable development. In contrast, Khan's effective governance model prioritizes developmental outcomes, recognizing that in contexts like Ghana, pragmatic approaches may be necessary to ensure that resource wealth is effectively used for national development. Balancing these two approaches, particularly in the management of resource-backed loans, corruption, and IFFs, is crucial for Ghana's economic future.

3.3. Governance: An Overarching Framework for Addressing Corruption, Illicit Financial Flows, Domestic Resource Mobilization, And Reserve-Based Lending

Governance, in the context of public policy and development, refers to the structures, processes, and mechanisms by which decisions are made and implemented, resources are allocated, and accountability is enforced within a state, society, or organization. Governance provides the institutional and procedural framework that underpins the functioning of economies, governments, and markets, and it is especially crucial when discussing complex issues like corruption, Illicit Financial Flows (IFFs), Domestic Resource Mobilization (DRM), and Reserve-Based Lending (RBL).

In the spirit of **Mushtaq Khan**, a development economist known for his work on institutions, governance, and economic development, governance is understood not just as a formal set of rules but as a system shaped by **power dynamics, incentives, and institutional capacities**. Khan emphasizes that governance frameworks must take into account the political realities and structural conditions of a country to function effectively, particularly in the context of developing nations.

Key Elements of Governance in Addressing Corruption, IFFs, DRM, and RBL

1. Institutions and Rules

Institutions are the formal and informal rules that govern the behavior of individuals and organizations. In the context of corruption, IFFs, DRM, and RBL, institutions include:

- **Legal frameworks** that define how resources are managed and controlled.
- **Regulatory bodies** such as anti-corruption agencies, tax authorities, and financial regulators that enforce laws.
- **Judicial systems** that ensure accountability and resolve disputes.

Khan's Approach: Khan emphasizes that institutions must be understood in terms of **how power is distributed** in society and the ability of institutions to enforce compliance. He argues that in developing countries, where institutional capacities are often weak, it's crucial to design institutions that can work within the existing power dynamics rather than trying to impose unrealistic standards based on advanced economies.

2. Accountability and Transparency

Governance requires mechanisms that hold decision-makers accountable and ensure transparency in the management of public resources. This includes:

- **Public audits and scrutiny** of financial flows related to resource extraction and revenues.
- **Transparency in the allocation of contracts and licenses** in sectors like oil and gas.
- **Whistleblower protections** and civic engagement to expose corrupt practices.

Khan's Approach: Khan points out that while transparency is important, the key to effective governance is not just making information available but **ensuring that relevant stakeholders have the power to act on that information**. In many cases, transparency without enforcement can be ineffective, particularly if powerful elites have the capacity to ignore or circumvent rules.

3. Corruption

Corruption is a major challenge in resource-rich countries, as it undermines governance, erodes public trust, and diverts resources meant for public goods and services. It is particularly prevalent in sectors where large sums of money are involved, such as in Reserve-Based Lending (RBL) or natural resource extraction.

Governance Measures to Tackle Corruption:

- **Anti-Corruption Commissions**: Independent bodies that investigate and prosecute corrupt practices.
- **Legal Reforms**: Strengthening anti-corruption laws, closing legal loopholes, and creating stronger penalties for corrupt behaviour.
- **Capacity Building**: Ensuring that law enforcement agencies and regulators have the resources and skills to investigate complex financial crimes, including IFFs and profit shifting by multinational enterprises (MNEs).

Khan's Approach: Khan acknowledges that **corruption is deeply embedded in the political economy** of many developing countries. He argues that tackling corruption requires addressing the underlying **incentives** that drive it, such as the distribution of economic power, patronage networks, and the structure of rents in the economy. Simply enacting tougher laws or creating more regulatory agencies without changing these underlying conditions will likely fail.

4. Illicit Financial Flows (IFFs)

IFFs refer to illegal or unethical transfers of capital out of a country, often resulting from activities such as money laundering, tax evasion, and trade mispricing. In the context of Reserve-Based Lending (RBL) and resource extraction, IFFs represent a major challenge as revenues from natural resources can be siphoned out of the country, depriving governments of crucial funds for development.

Governance Measures to Address IFFs:

- **Financial Intelligence Units (FIUs)**: Specialized agencies that monitor suspicious financial activities and track cross-border financial flows.
- **International Cooperation**: Engaging with global initiatives such as the Financial Action Task Force (FATF) and the Extractive Industries Transparency Initiative (EITI) to enhance cross-border regulation and enforcement.
- **Beneficial Ownership Transparency**: Ensuring that the true owners of companies involved in resource extraction or RBL transactions are identified to prevent money laundering and tax evasion.

Khan's Approach: Khan emphasizes the role of **powerful interest groups** in perpetuating IFFs. He suggests that reducing IFFs requires understanding the **political coalitions** that benefit from such flows and designing governance mechanisms that align with the interests of local actors while simultaneously increasing the capacity for enforcement.

5. Domestic Resource Mobilization (DRM)

DRM refers to the generation of revenue within a country, primarily through taxation, to fund public services and development. In resource-rich countries, effective DRM is critical for harnessing the potential of natural resources to improve public welfare.

Governance Measures for Effective DRM:

- **Taxation of Natural Resources**: Designing tax systems that ensure a fair share of revenues from resource extraction goes to the government.
- **Transfer Pricing Regulations**: Ensuring that multinational enterprises (MNEs) pay taxes on profits generated within the country rather than shifting profits to low-tax jurisdictions.
- **Efficient Revenue Management**: Creating frameworks to ensure that resource revenues are invested in infrastructure, social services, and other public goods.

Khan's Approach: Khan stresses that **taxation is deeply political**. Successful DRM in resource-rich countries depends on **bargains between the state and powerful economic actors**. The capacity to mobilize resources often depends on the strength of coalitions that favour investment in public goods over elite rent-seeking.

6. Reserve-Based Lending (RBL)

RBL can be a vital tool for developing countries like Ghana to secure financing for resource extraction. However, it also presents risks, particularly if revenues are mismanaged or lead to excessive debt burdens.

Governance Measures for Effective RBL:

- **Contract Transparency**: Publishing RBL agreements to ensure that terms are fair and that the country benefits from the financing arrangement.
- **Debt Sustainability Frameworks**: Ensuring that RBL does not lead to unsustainable debt burdens by closely monitoring borrowing and repayment terms.
- **Public Oversight**: Engaging civil society and parliament in monitoring the use of RBL funds to prevent corruption and ensure that revenues are used for public goods.

Khan's Approach: Khan would argue that the success of RBL depends on the **distribution of rents** and how they are managed. Effective governance mechanisms must ensure that rents from natural resources are distributed in ways that promote long-term development rather than short-term gains for elites.

Integrating Governance into Action on Corruption, IFFs, DRM, and RBL

Governance provides the overarching framework within which issues like corruption, IFFs, DRM, and RBL can be addressed in a holistic and coherent manner. Using the insights from Khan's work on political economy and governance, several key strategies emerge for tackling these issues:

- **Building Inclusive Coalitions**: Governance reforms should focus on creating inclusive coalitions that bring together key stakeholders—governments, businesses, civil society, and local communities—to ensure that resource revenues are managed transparently and used for development.
- **Addressing Power Structures**: Governance mechanisms must be designed with an understanding of the **power structures** in place. Reform efforts should aim at **shifting incentives** toward better accountability and economic development.
- **Strengthening Institutions**: Improving the capacity of institutions, particularly those related to corruption, taxation, and resource management, is critical for successful governance. These institutions need to be resilient to political pressures and adequately resourced.
- **Focusing on Local Contexts**: Governance strategies need to be tailored to the specific political, social, and economic conditions of each country. In the case of Ghana, this means acknowledging the country's unique governance challenges related to resource management, elite capture, and local community engagement.

Taxation and Governance Propositions

Bargaining over taxes is central to building relations of accountability between state and citizens based on mutual rights and obligations. The emergence of a representative government is more likely when the state faces incentives to increase income through bargaining with citizens than through foreign aid and natural resource rents. For taxation to have a positive effect on accountability taxes must be 'felt' by a majority of citizens

Conclusion

In the spirit of Mushtaq Khan, governance must be seen as a dynamic and politically embedded process. Effective governance in addressing corruption, IFFs, DRM, and RBL requires a nuanced understanding of how power and institutions interact. By focusing on building strong institutions, aligning incentives, and addressing power asymmetries, governance can be the foundation for long-term development and sustainable management of resources in countries like Ghana.

4. 0. UNDERSTANDING ILLICIT FINANCIAL FLOWS (IFFS)

The National IFFs Situation in Ghana

Ghana is the 22nd country in Africa and 117th in the world of countries involved in illicit financial outflows between 2000 and 2009, according to a report by Global Financial Integrity (GFI). The report, Illicit Financial Flows and the Problem of Net Resource Transfers from Africa: 1980–2009, found that cumulative illicit outflows from the continent over the 30 years ranged from $1.2 trillion to $1.4 trillion. The Guardian, a British daily, notes that even these estimates—large as they are—are likely to understate the problem as they do not capture money lost through drug trafficking and smuggling. Other studies like Pak (2014), Ama et al (2021) have found high levels of illicit financial flows, especially under-invoicing and over-invoicing in imports and exports including gold, cocoa, rice, pharmaceuticals, spare parts, automobiles, etc.

4.1 Definition and Scope

Definition of IFFs:
There is no universally agreed-upon definition of IFS but generally, Illicit Financial Flows (IFFs) refer to the illegal movement of money or capital from one country to another. These flows are often hidden and difficult to trace, as they involve illegal activities like tax evasion, money laundering, trade mispricing, and corruption. IFFs can severely undermine a country's economic stability by depriving it of much-needed resources for development. Illicit Financial Flows (IFFs) refer to illegal movements of money or capital across borders, often through tax evasion, money laundering, trade mispricing, and corruption. These flows deprive nations of vital resources for development (Global Financial Integrity, 2022).

Broadly, there are three definitions promoted by various groups as follows:

Thus, at least, there are three different definitions as follows:

1. International development organizations focus on transnational illicit flows and, in their context and tend to use the concept of IFFs to describe financial assets that cross borders, with a particular focus on money leaving developing countries. This is closely linked to concerns about capital flight. The Global Financial Integrity (GFI) has played a critical role in promoting the term, used in the definition: "funds crossing borders [that] are illegally earned, transferred, and/or utilized."
2. Law enforcement agencies and regulators are concerned with financial crime and so operational agencies such as the police, financial intelligence units, and regulators with anti–money laundering (AML) responsibilities tend to think of illicit finance in terms of financial crimes that relate to their jurisdiction, whether there is an international dimension. For example, the Financial Crimes Enforcement Network (FinCEN), an agency in the U.S. Department of Treasury, has a mission to "safeguard the financial system from illicit use, combat money laundering, and promote national security through the

collection, analysis, and dissemination of financial intelligence and strategic use of financial authorities."

3. The tax justice movement advocates a broader normative definition. Civil society organizations in the tax justice movement tend to argue that *illicit* relates to the dictionary definition of immoral or contrary to social norms rather than being limited to unlawful behaviours. They argue in particular that tax avoidance by multinational corporations (also called base erosion and profit shifting [BEPS]) should be included under the definition of IFFs. For example, the Tax Justice Network argues: "IFF is by its nature hidden, whether it is illegal or simply unacceptable to the public—this makes clear that the source of funds may be perfectly legal, while the avoidance of tax, for example, may be technically legal but illicit according to societal norms."

Types of IFFs:

- **Tax Evasion:**
    - **Mechanisms**: Tax evasion involves the illegal avoidance of taxes by individuals or corporations, often through underreporting income, inflating deductions, or hiding assets in offshore accounts. In developing countries like Ghana, tax evasion is particularly detrimental as it directly reduces government revenue (OECD, 2015).
    - **Impact**: The loss of tax revenue means less money for public services such as education, healthcare, and infrastructure, exacerbating poverty and inequality.
- **Money Laundering:**
    - **Mechanisms**: Money laundering is the process of making illegally obtained money appear legitimate. This is often done through complex networks of financial transactions, shell companies, and offshore bank accounts. In Ghana, money laundering is facilitated by weaknesses in the regulatory and enforcement frameworks (FATF, 2020.
    - **Impact**: Money laundering not only facilitates further criminal activities but also distorts the economy, as illicit funds are often invested in unproductive sectors, such as luxury real estate, that do not contribute to economic growth.
- **Trade Mispricing:**
    - **Mechanisms**: Trade mispricing occurs when businesses deliberately manipulate the prices of imports or exports to shift profits across borders, usually to evade taxes or customs duties. For instance, a company might undervalue its exports to reduce taxable income in Ghana or overvalue its imports to shift profits to a low-tax jurisdiction (Cobham & Jansky, 2018).
- **Institutional Mapping for Curbing IFFS**
    - **Impact**: Trade mispricing can lead to significant revenue losses for governments, as well as distorting competition, harming local industries that cannot compete with artificially priced goods.

- **Corruption:**
    - **Mechanisms**: Corruption involves the abuse of public office for private gain, often through bribery, embezzlement, or favouritism. In Ghana, corruption can occur at multiple levels, from petty corruption in public services to grand corruption involving high-level officials and large-scale contracts.
    - **Impact**: Corruption drains public resources, undermines trust in institutions, and perpetuates a cycle of poverty and inequality. It also facilitates other forms of IFFs by allowing illegal activities to go unchecked.

There are generally four areas of IFFs including illicit tax and commercial practices, illegal markets, corruption and exploitation-type and terrorism financing.

Figure 6-Categories of activities that may generate IFFs

Source: UNCTAD (2021)

Under tax and commercial practices, two areas with blurred lines (aggressive tax avoidance and illegal tax and commercial practices can be observed as figure 0-1. Figure 0-2 also shows the continuum from tax planning using tax provisions in the spirit of the law to rearranging international flows to avoid repatriation of taxes, reallocation of the tax base to a lower tax country, reducing the base via a double deduction or double non-taxation and illegal measure such as non-disclosure of income.

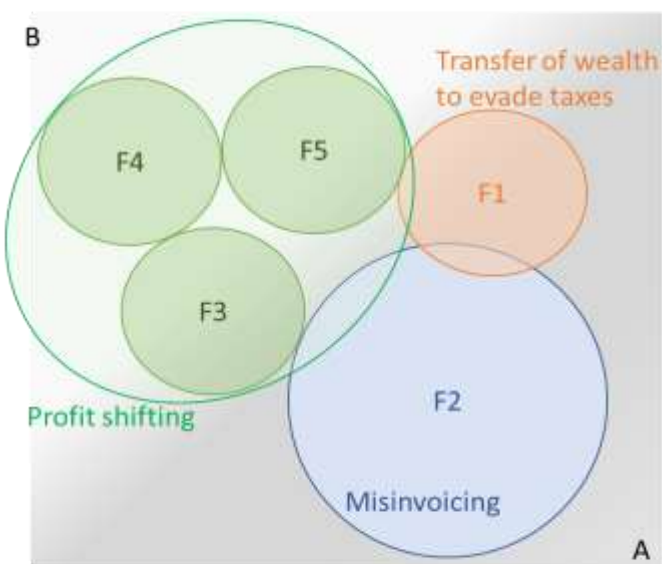
Figure 7- Boundaries of aggressive tax planning

Source: UNCTAD (2021)

The challenge for tax authorities is how to determine the line between tax avoidance schemes that may not necessarily be illegal and tax evasion that is illegal.

Where IFFs Occur and Estimating/Measuring It

Figure 8 -Main types of tax and commercial illicit financial flows



A Illegal commercial activities and tax evasion

F1 Transfer of wealth to evade taxes

F2 Misinvoicing

B Aggresive tax avoidance

F3 Transfer mispricing

F4 Debt shifting

F5 Assets and intellectual property shifting

Source: UNCTAD (2021)

Leaving aside human trafficking and other forms of illegal activities and picking only tax and commercial activities that generate IFFs, and as shown in figure 0.2 between A(illegal tax and commercial activities and B(aggressive tax planning) there are three main flows that tax authorities must confront: 1) Transfer of wealth to offshore locations by individuals to evade tax(Fl), 2) Trade misinvoicing by trade entities(F2) and 3) Profit-shifting by MNEs (F3, F4, F5).

UNCTAD (2021), in their guidelines say even though it may be possible and useful to attempt in-depth measurement of different types of profit shifting flows (F3-F5), for feasibility, however, they recommend and propose an aggregated estimate of profit shifting.

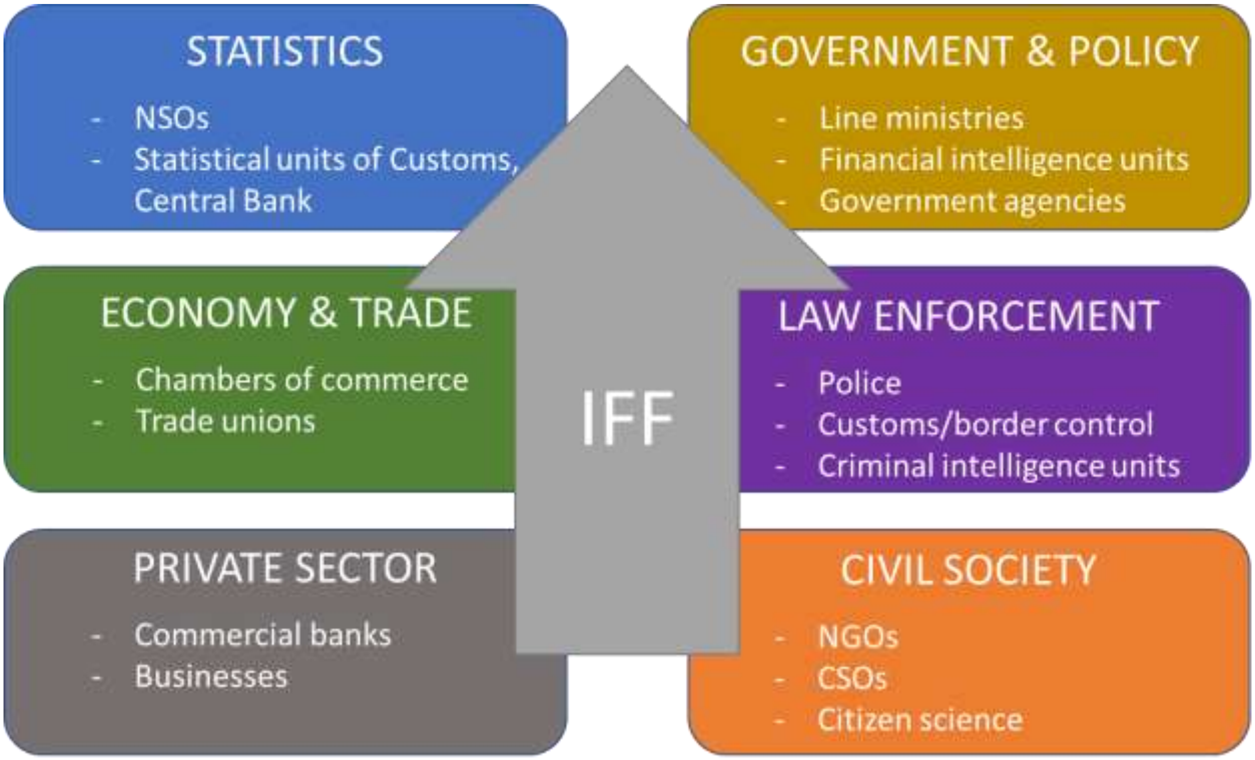
For instance, Tax gap estimates can be useful for benchmarking and improving the estimates of IFFs from tax evasion and aggressive tax avoidance, however, tax gap estimates, if you take value added tax (VAT), do not usually explicitly consider the part that crosses country borders and this thus requires that tax experts are consulted to help assess the actual size of tax gap flows that cross country borders.

There are many other concepts that are related to IFFs as in Figure 0-3. The shadow economy in various forms like informal sector and its non-observed activities, production for household own consumption, illegal activities and underground activities can all be mapped to businesses not registered (NI-producer deliberately not registering-underground, N2- producer deliberately not registering-illegal, N3-producer not required to register) or not surveyed(N4-legal persons not surveyed, N5-registered entrepreneurs not surveyed-informal sector) or misreporting (N6-producers deliberately misreporting-clearly IFFs or due to other(N7-other statistical deficiencies). Figure 0-3 is important for statistical units/offices when it comes to linking to the system of national accounts (SNA) and balance of payments (BoPS).

At the national level, institutions with mandate and or data/competences when it comes to IFFs could include the following six core areas:1)government fiscal authorities and regulators like the ministries of finance, trade/commerce, financial intelligence centre, central bank, 2) national statistical offices, customs, natural resource regulatory agencies like for minerals, petroleum, 3)economy and trade, like chamber of commerce, trade-based unions, 4) law enforcement agencies like the police, economic crimes investigators, immigration offices, 5) private sector operators like commercial banks, business entities and 6) civil society actors like NGOs active in research/analysis of economic governance issues, academia and even community-based organisations.

Any country risks assessment and or monitoring IFFs risks must maps all these agencies in detail for signs and potential activities that generate IFFs or for data and competences for measuring and monitoring/combating IFFs.

Figure 9 - Identification of area-wise relevant institutions to measure IFFs



Source: UNCTAD (2021).

The six recommended methods for measuring IFFs and the link to the SDGs. Following the decision of the UN SDGs to devote goal 16.4 to IFFs and related issues and the assignment of a custodian of the goal to UNCTAD and UNOCD to find appropriate methods, approaches and indicators, consultations were held and a conceptual framework and methods agreed for the measurement of IFFs. The sub-goal 16.4.1 is "Total value of inward and outward illicit financial flows (in current United States dollars)" and six methods have been recommended for the pilot measurement of IFFs as follows:

1. Partner Country Method (PCM)
2. Price Filter Method (PFM)
3. Global distribution of profits within an MNE
4. MNEs vs comparable non-MNEs
5. Undeclared offshore assets
6. Offshore financial wealth.

Link to the SDGs:

The relevant SDGs goal and targets are as follows:

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.

- Target 16.4 - By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime. This includes the development of methodologies to measure the SDG indicator 16.4.1 "Total value of inward and outward illicit financial flows (in current United States dollars)".
- Target 16.5 - Substantially reduce corruption and bribery in all their forms.

Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Target 17.1 - Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection.

4.2 Global and Local Impact

Economic Consequences:

- **Revenue Losses**: IFFs result in significant revenue losses for governments, reducing their ability to fund essential services and invest in development. In Ghana, this means less money for critical areas such as healthcare, education, infrastructure, and social protection.
- **Investment Climate**: The presence of IFFs can deter foreign investment by creating an environment of uncertainty and risk. Investors may be wary of entering markets where corruption and financial crime are rampant, leading to slower economic growth.

Social Impact:

- **Increased Inequality**: IFFs exacerbate income inequality by allowing the wealthy and well-connected to evade taxes and hide assets, while the burden of taxation falls more heavily on the poor and middle class. This undermines social cohesion and can lead to increased poverty and social unrest.
- **Reduced Access to Services**: The revenue lost through IFFs means fewer resources for public services, particularly in sectors like healthcare and education. This can result in deteriorating service quality, longer waiting times, and reduced access, especially for the most vulnerable populations.

Political Effects:

- **Erosion of Trust in Public Institutions**: When citizens perceive that elites and corporations can evade taxes and engage in corruption with impunity, trust in public institutions erodes. This can lead to decreased tax compliance among the general population and weaken the social contract between the state and its citizens.
- **Increased Corruption**: IFFs often thrive in environments where corruption is already prevalent. The illicit funds generated can further entrench corrupt practices, creating a vicious cycle that is difficult to break.
- **Weakening of Governance**: IFFs undermine governance by reducing the resources available to enforce laws and regulations. This weakening of governance structures makes it more difficult to combat other forms of crime and corruption.

Case Study:

- **Impact in a Developing Country**: For example, in Ghana, the mispricing of commodities like gold and cocoa has led to significant revenue losses. Investigations have revealed how multinational companies, and local firms collude to underreport export volumes or manipulate prices to evade taxes. This has contributed to the underdevelopment of mining communities and deprived the government of funds needed for social and infrastructure projects.

4.3 Legal and Policy Frameworks

International Regulations:

- **Financial Action Task Force (FATF)**:
    - **Overview**: FATF is an intergovernmental organization that sets standards and promotes the effective implementation of legal, regulatory, and operational measures to combat money laundering, terrorist financing, and other related threats.
    - **Recommendations**: FATF provides a set of 40 recommendations that countries should implement to combat IFFs. These include measures for customer due diligence, record-keeping, reporting suspicious transactions, and enhancing international cooperation.
    - **Ghana's Compliance**: Discuss Ghana's level of compliance with FATF recommendations and areas where improvements are needed, such as in strengthening financial institutions' capacity to detect and report suspicious activities.
- **OECD Initiatives**:
    - **Overview**: The Organisation for Economic Co-operation and Development (OECD) has been at the forefront of international efforts to curb IFFs, particularly through its Base Erosion and Profit Shifting (BEPS) initiative.

- **BEPS Action Plan**: The BEPS Action Plan includes 15 measures designed to ensure that profits are taxed where economic activities generating the profits are performed and where value is created.
- **Ghana's Involvement**: Examine Ghana's participation in OECD initiatives, including the challenges faced in implementing BEPS measures, such as the need for capacity building and improved data collection.

National Legislation:

- **Overview of Ghana's Tax and Natural Resource Laws**:
    - **Tax Laws**: Provide an overview of Ghana's tax laws, including income tax, corporate tax, VAT, and customs duties. Highlight how these laws are designed to capture revenue and prevent tax evasion.
    - **Natural Resource Regulations**: Discuss Ghana's legal framework for managing natural resources, including laws governing mining, oil and gas, and forestry. Emphasize the importance of these laws in ensuring that the country benefits from its natural resources.

Zeroing in on Legislative Weaknesses in Ghana:

- **Gaps in Tax Laws**:
    - **Inadequate Coverage**: Identify areas where Ghana's tax laws may be inadequate, such as the lack of comprehensive regulations on transfer pricing or the absence of effective anti-avoidance measures.
    - **Weak Enforcement**: Discuss how weak enforcement of existing tax laws, due to corruption or lack of resources, allows IFFs to thrive. Provide examples of tax evasion cases that went unpunished due to enforcement failures.
- **Natural Resource Regulations**:
    - **Underreporting and Transfer Mispricing**: Highlight how Ghana's natural resource laws may fail to prevent underreporting of production volumes or transfer mispricing in the mining sector. Discuss the role of multinational corporations in exploiting these weaknesses to shift profits out of Ghana.
    - **Corruption in Licensing and Contracts**: Examine how corruption in the issuance of mining licenses or the negotiation of oil contracts can facilitate IFFs, depriving the state of its rightful share of resource revenues.
- **Recommendations**:
    - **Legislative Reforms**: Suggest specific legislative reforms to strengthen Ghana's framework against IFFs. This could include introducing more robust transfer pricing regulations, enhancing the powers of tax authorities, and improving transparency in the natural resource sector.
    - **Capacity Building**: Emphasize the need for capacity building within Ghana's tax and regulatory agencies to effectively implement and enforce anti-IFF measures.

This could involve training, technology upgrades, and better inter-agency cooperation.

4.4 Administrative and Political Economy Environment

Administrative Capacity:

- **Efficiency of Tax Authorities**:
  - **Assessment**: Evaluate the capability of Ghana's tax administration in enforcing laws and regulations. This includes assessing the Ghana Revenue Authority's (GRA) ability to detect and prevent tax evasion, its use of technology, and the effectiveness of its auditing and enforcement units.
  - **Challenges**: Identify challenges faced by tax authorities, such as insufficient staffing, lack of access to reliable data, and the need for ongoing training and technical support.
- **Resource Allocation**:
  - **Current Allocation**: Examine whether sufficient resources are allocated to combat IFFs, including funding for tax authorities, anti-corruption agencies, and financial intelligence units.
  - **Needs Analysis**: Discuss the need for increased budgetary allocations to strengthen the institutions responsible for tackling IFFs. This might include investments in technology, training, and cross-border cooperation initiatives.

Political Will:

- **Government Commitment**:
  - **Analysis**: Analyse the commitment of Ghanaian political leaders to address IFFs. This involves reviewing public statements, policy documents, and government actions related to IFFs and corruption.
  - **Obstacles**: Discuss obstacles to political will, such as vested interests, political patronage, and the influence of powerful elites who may benefit

5. 0. TAXATION

5.1. Definition And Key Features

Taxation is generally not high on the domestic political agenda in Ghana and many developing countries, neither part of strategic instrument for long-run growth/Development. The politics of taxation tend to take place in non-public arenas. Typically, small lobby groups pressure for exemptions, for rate reductions on imports, or bargain with officials or ministers about tax liabilities. Major debates in Parliament about tax issues or about tax reforms are rare as are statements by political parties about their tax policies

Typically, central government taxation is shaped by technical staff (from Min of Finance, RAs, IFI and donor advisors) rather than by Parliament. Local government taxation is a major exception to this. Around election time, local government taxation is often high on the political agenda of both national and local politicians. The politicisation of local government taxes undermines tax collection efforts

As the UN Economic Commission for Latin America has pointed out:

> "The strength or weakness of public finance reflects the strength or weakness of the "fiscal covenant" that legitimizes the role of the state and the scope of government responsibilities in the economic and social spheres. The absence of a generally accepted model of what the State's goals should be undercuts any possibility of consensus on the amount of resources it should manage, the source of its revenues and the rules for allocating and utilizing them. An explicit or implicit political agreement between the various sectors of society as to what the State should do, on the other hand, helps legitimize the amount, composition and orientation of public expenditure and the tax burden necessary to finance it" (ECLAC, 1998: I-7).

Three Concepts/Definitions of Tax

- TAX-The "statutory" or "legal obligation," which refers to the person on whom the law says that the tax obligation falls (which may bear little relationship to who actually feels the pain);
- **The "initial economic incidence" (or "incidence"** for short), which is how the economic supply and demand conditions *in the market for the taxed product or service or factor of production* allocate the tax among suppliers and consumers of the taxed item (which allocation may be different in the short run and the long run); and
- **The "ultimate economic burden" (or "burden"** for short), which measures the changes in people's after-tax incomes after all the economic adjustments to the tax have occurred *across all affected markets as consumption behaviour,* resource use, and incomes shift to their new patterns.

Public finance experts typically judge tax systems in terms of three criteria: 1) equity, 2) efficiency, and 3) ease of administration. The structure of tax revenue varies with the level of national income (Barnett and Grown, 2004:12-13):

- In low-income countries, about two thirds of tax revenue is raised through indirect taxes, including trade taxes (such as tariffs on imports), excise taxes (such as taxes on alcohol and cigarettes) and broad-based taxes on goods and services, such as General Sales Tax and VAT.
- In high-income countries, indirect taxes account for only about one third of tax revenue. The other two thirds come from direct taxes. The share of trade taxes in tax revenue is much higher in low-income countries than in high income countries; over one third, compared to less than one hundredth.
- In low-income countries, income tax accounts for just over a quarter of tax revenue, while in high income countries, it accounts for over a third of tax revenue.

Two measures of tax paid are commonly used:

• Tax burden, defined as the statutory tax payment obligation as a percentage of the taxpayers' disposable income. In the case of taxes on businesses, the burden can to some extent be shifted by raising prices to pass on the cost to customers or reducing wages to pass on the cost to employees.

• Tax incidence measures who is actually paying the tax, when the tax burden is shifted in part or as a whole, to consumers and employees.

Two interpretations of fairness have been used in discussions of taxes:

• Benefits received: This criterion implies that fairness means that people should pay tax in proportion to the benefits they receive from public services.

• Ability to pay: This criterion implies that those with higher incomes should pay a larger share of the tax than those with lower incomes, that is, the tax system should be progressive.

5.2. Taxation And Funding the National Budget

Mainstream economics discusses public finance and funding the national budget in the light of "Fiscal Space" **THE NEW FISCAL DIAMOND DEFINING FISCAL SPACE FOR DEVELOPMENT**

Taxation and Development

Sources of funding the government budget

Governments raise revenue from several sources, including:

- Direct taxes on personal incomes and on the profits of corporations

- Payroll taxes, paid by employees and employers
- Property taxes
- Indirect taxes on goods and services
- User fees for public services
- Fees for licenses
- Income from public enterprises and property
- Interest on financial assets
- Sale of public sector assets
- Foreign aid grants (Barnett & Grown, 2004).

Challenges to funding government expenditure

1. How to garner political will for enhanced resource mobilization?
2. Surge in commodity prices – Challenge and an opportunity
3. How to build national consensus on pro-poor spending?
4. How to increase efficiency of expenditure?
5. Fiscal decentralization – Can it be a solution? – Evidence is mixed (Barnett & Grown, 2004).

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As the UN Economic Commission for Latin America (ECLAC, 1998) has pointed out: 'The strength or weakness of public finance reflects the strength or weakness of the "fiscal covenant" that legitimizes the role of the state and the scope of government responsibilities in the economic and social spheres. The absence of a generally accepted model of what the State's goals should be undercuts any possibility of consensus on the amount of resources it should manage, the source of its revenues, and the rules for allocating and utilizing them. An explicit or implicit political agreement between the various sectors of society as to what the State should do, on the other hand, helps legitimize the amount, composition, and orientation of public expenditure and the tax burden necessary to finance it' (ECLAC, 1998, p. I-7).

Under the orthodox economic system, the first quadrant of figure 1 includes grant aid and debt relief

- What is the medium- and long-term debt sustainability?
- Is the country benefiting from a debt relief programme?
- At what point does the country qualify for debt relief?
- What have been the patterns (level, nature – project vs programme, origin, predictability) of aid and what can it be like in the foreseeable future?

Generally, external budget support is subject to volatility and debt relief is a one-time measure and cannot be relied upon for long-term planning. Aid is mainly a gap-filling measure and, even though it can lead to enhanced investments in human development, its flow and quality are not sufficient. For instance, ODA estimates for the ended MDGs by the Millennium Project say we need USD 135 billion in 2006, rising to USD 195 billion in 2015. At that time, it required doubling of ODA but within an agreed limit of 0.7% of GDP for developed countries (UNDP, 1991).

The second quadrant (domestic resource mobilization) includes privatization receipts, tax, and non-tax revenue collection. This raises a number of questions: Should/can tax/GDP ratio be increased? If so, how can this be done while ensuring that the burden on the poor is minimized?

- How can VAT be made progressive?
- To what extent is privatization of public assets feasible without undermining MDG achievement?
- What are the relative burdens of tax on men and women?

Generally, developing countries face several challenges in raising tax revenue, and some of these challenges arise from:

- Large informal sectors – Transactions not fully accounted for
- Narrow and rigid tax structure – Lower tax-GDP ratios and greater reliance on indirect taxes rather than direct taxes

- Banking sector not fully developed; credit markets are imperfect
- Weak institutions:
    - Financial – Unable to mobilize & channel savings
    - Political – Weak governance structures, unable to take tough decisions regarding raising revenues and plugging leakages in tax collection (Jha, 2007).

The above leads to low and unstable revenues in developing countries (Jha, 2007). For instance, Tax-GDP ratios from 1996-2002 revealed that in developed countries, tax constitutes about 33.8%, transitional countries raise about 31.4%, while developing countries raise only 19.2%. Developing countries also raise one-third of tax revenue from income taxes, whereas developed countries raise over 50%. All these lead to unstable tax revenues with a coefficient of variation in Latin America of 55%, compared to 15-17% in developed countries (Jha, 2007). New classical economics holds that it is imperative to increase tax-GDP ratios over the medium and long run and ensure a stable tax base through an overall resource base to be enhanced by:

- Encouraging savings and its investment in the domestic economy
- Increased employment intensity and capital accumulation
- Using privatization revenues & revenues from commodity price booms for pro-poor initiatives (Barnett & Grown, 2004).

Quadrant III - Deficit financing - includes net domestic financing, net foreign financing and key questions:

- What are the needs for public investment?
- What is the case/room for additional borrowing?
- What is the level of internal and external debt? Access to international capital markets?
- What is the level of investment and savings? To what extent do the savings contribute to investments?
- If savings are low, why? How to reduce obstacles to savings? How to improve channelling of savings for public investment?

Under this quadrant, orthodox economics holds that there should be zero current/recurrent deficits as a target over the economic cycle and the need to move from the notion of 'Fiscal squeeze' and expenditure compression to 'Fiscal Space' (RBAP, 2000). RBAP studies in 7 countries show that high public investment does not seem to have had any adverse effect on fiscal deficits during the 1990s and early 2000s (RBAP, 2000). Examples of China, Cambodia, Mongolia, and Vietnam experienced deflation or near-deflation; fiscal deficits in these countries ranged between 4-9% (RBAP, 2000). In Vietnam, poverty fell from 58% to 37% between 1993-98, per capita income grew by 5%, inflation continued to decline during 1996-2002 towards zero, and the fiscal deficit was 4% (RBAP, 2000).

Quadrant IV - Reprioritization & Efficiency of Expenditures - Includes reprioritization based on the extent expenditures contribute to MDGs and value-for-money considerations, and the discussion usually centers around:

- What is the ratio of current/capital expenditure?
- What is the share of expenditures that can be classified as pro-poor?
- To what extent can the government enhance the value for money for goods and services it provides?

The UN system and activists usually judge the success of a budget on how effectively and efficiently it meets human development needs, including the following four ratios: Human Development Expenditure Ratios – 4 ratios in 1991 HDR (UNDP, 1991):

- The Public Expenditure Ratio (PER) is the ratio of public expenditure to national income (necessary to distinguish between current and capital expenditure).
- Social Allocation Ratio (SAR): the percentage of public expenditure earmarked for social services (necessary to include essential infrastructure – the dichotomy between social and economic self-defeating).
- Social Priority Ratio (SPR): the percentage of social expenditure devoted to human priority concerns.
- Human Expenditure Ratio (HER): the percentage of national income devoted to human priority concerns.

For accountability and monitoring purposes, the 1991 report suggests that a Public Expenditure Ratio of around 25%, a Social Allocation Ratio of 40%, a Social Priority Ratio of 50%, and a Human Expenditure Ratio of at least 5% are necessary to ensure adequate resources for human development priority sectors in a country (UNDP, 1991).

All the above efforts have not delivered prosperity, and there are calls for radical reforms, especially under modern monetary theory and functional finance as follows:

In the context of Modern Monetary Theory (MMT) and Functional Finance, the approach to budget-making and the fiscal diamond would undergo significant shifts compared to traditional neoliberal perspectives. Here's how the changes could manifest:

1. **Resource Mobilization:**

Traditional Approach: Neoliberal budget-making emphasizes the need to raise resources, primarily through taxation and privatization, while aiming to keep deficits low. The focus is on balancing budgets and limiting government spending to ensure fiscal prudence (Barnett & Grown, 2004).

MMT and Functional Finance: Under MMT, the primary goal is not to raise revenue for spending but to manage inflation and ensure full employment. The government, as a sovereign currency issuer, can create money as needed to fund public spending. The fiscal diamond, in this case, shifts from a focus on resource mobilization through taxes to managing the economy's productive capacity and addressing social needs without being constrained by traditional budget limits (Barnett & Grown, 2004).

2. **Deficit and Debt:**

Traditional Approach: Neoliberal budget-making sees deficits and public debt as problems that need to be minimized. Budgets are crafted with a focus on keeping the fiscal deficit within a specific target, often 3% of GDP, to maintain investor confidence and economic stability (Barnett & Grown, 2004).

MMT and Functional Finance: MMT argues that a government that issues its own currency cannot run out of money in the same way a household can. The focus shifts from avoiding deficits to ensuring that government spending is sufficient to achieve full employment and social welfare. Deficits are not inherently bad and can be necessary for stimulating the economy, especially in times of low private sector demand (Barnett & Grown, 2004).

3. **Expenditure Allocation:**

Traditional Approach: There is a focus on austerity and reducing government expenditure to avoid large deficits. Public spending is often reprioritized with a focus on reducing expenditure on social services, with the private sector expected to fill the gap (Barnett & Grown, 2004).

MMT and Functional Finance: The focus is on ensuring that government spending is directed toward achieving full employment and addressing social inequalities. Public spending is seen as a tool to stimulate demand, invest in infrastructure, education, healthcare, and other public goods, and manage inflation by ensuring that the economy is operating at full capacity. The allocation of expenditure is driven by social needs rather than by the necessity to maintain a balanced budget (Barnett & Grown, 2004).

4. **Taxation:**

Traditional Approach: Taxation is a key tool for raising government revenue. The focus is on broadening the tax base, increasing tax compliance, and ensuring that taxes do not discourage private sector investment (Barnett & Grown, 2004).

MMT and Functional Finance: Taxes are primarily a tool for managing inflation and redistributing wealth, not for funding government spending. Taxes can be used to cool down an overheating economy, reduce inequality, and discourage negative behaviours (e.g., carbon taxes). The goal is not to maximize tax revenue but to ensure that the economy is operating efficiently and equitably (Barnett & Grown, 2004).

5. **Public Debt and Sovereign Currency:**

Traditional Approach: Public debt is seen as a burden on future generations, and there is a strong emphasis on reducing debt-to-GDP ratios (Barnett & Grown, 2004).

MMT and Functional Finance: Public debt is viewed as money that the government has spent into the economy but not yet taxed back. As long as the debt is denominated in the government's currency, there is no risk of default. The focus is on managing debt in a way that supports economic growth and stability, rather than on reducing it for its own sake (Barnett & Grown, 2004).

In summary, MMT and Functional Finance fundamentally change the framework of budget-making. The fiscal diamond, which traditionally focuses on resource mobilization, debt management, and expenditure control, would shift towards managing economic capacity, ensuring full employment, and addressing social needs without the constraints of traditional budgetary concerns. This approach would advocate for more active government intervention in the economy, using fiscal policy as a tool to achieve social and economic goals rather than as a mere balancing act of revenues and expenditures.

Figure 10-Old Fiscal Diamond defining Fiscal Space

QUADRANT I- Reprioritisation & Efficiency of Expenditures	**QUADRANTII- External Grants/Aid**
• For accountability/monitoring purposes, The UNDP(1991) report - targets • Public Expenditure Ratio at around 25%, Social Allocation Ratio at 40%, Social Priority ratio at 50%, and Human Expenditure ratio at least at 5% necessary to ensure adequate resources for human development priority sectors in a country Includes reprioritization based on the extent expenditure contributes to MDGs and value-for-money considerations	• **Includes grant aid and debt relief** External budget support subject to volatility Debt relief – a onetime measure – cannot be relied upon for long term planning Aid mainly as a gap filling measure • Requires doubling of ODA but within agreed limit of 0.7% of GDP

QUADRANT IV-Deficit Financing.	QUADRANT III- Domestic Resource Mobilisation
• Zero current / recurrent deficits as a target over the economic cycle • Move from notion of 'Fiscal squeeze' and expenditure compression to 'Fiscal Space". • RBAP studies in 7 countries - high public investment does not seem to have had any adverse effect on fiscal deficit during the 1990s and early 2000s • Examples of China, Cambodia, Mongolia and Vietnam - experienced deflation or near deflation – fiscal deficit in these countries ranged between 4-9% • Vietnam - poverty fell from 58% to 37% between 1993-98- per capita income growth 5% - inflation continued to decline during 1996-2002 towards zero and fiscal deficit 4%.	• Includes privatization receipts, tax and non-tax revenue collection Key challenges: Large informal sectors – transactions not fully accounted for Narrow and rigid tax structure– lower tax-GDP ratios and greater reliance on indirect taxes rather than direct taxes Banking sector not fully developed, credit markets are imperfect Weak institutions Financial – unable to mobilize & channel savings Political – weak governance structures – unable to take tough decisions regarding raising revenues and plugging leakages in tax collection Low and unstable revenues in developing countries – Jha 2007 • Imperative to increase tax-GDP ratios over the medium and long run and ensure a stable tax base • Overall resource base to be enhanced through ◦ Encouraging savings and investment in domestic economy ◦ Increased employment intensity and capital accumulation ◦ Using privatisation revenues & revenues from commodity price boom for pro-poor initiatives

The new Fiscal Diamond Defining Fiscal Space for National Development

Figure 11-New Fiscal Diamond aligned with Modern Monetary Theory and Functional Finance (As % GDP)

QUADRANT I- Inflation Control Mechanisms MMT suggests that the primary constraint on government spending is inflation, not the availability of financial resources. Therefore, instead of focusing on external grants, the diamond could emphasize the need for mechanisms to control inflation, such as strategic taxation, bond issuance, and other tools to manage aggregate demand.	**QUADRANTII- Domestic Revenue (for redistribution and inflation management**) Domestic revenue should still be included, but its purpose is redefined. Instead of raising funds for spending, taxes and domestic revenue mobilization under MMT serve to manage inflation, redistribute wealth, and reduce inequality.
QUADARNT IV- Reprioritisation & Efficiency of Expenditures (aligned with social objectives). Aligned with the objective of ensuring that public spending maximizes social welfare, supports full employment, and drives sustainable development. The focus would be on optimizing government expenditure to achieve these goals rather than simply reducing deficits.	**QUADRANT III- Monetary Sovereignty/ Functional Finance** The idea here is to emphasize that deficit financing is not inherently problematic under MMT. Instead, the focus should be on how the government can use its monetary sovereignty to finance necessary expenditures without being constrained by traditional deficit limits. The goal is to manage the economy's capacity and ensure full employment.

MAKING TAX SYSTEMS EQUITABLE

- widespread support for 'ability to pay' as a principle, since those who most need public services are usually those least able to pay for them.
- We can operationalise this through:
- a threshold income below which no tax is paid.
- tax credits or deductions for support of children.
- a range of tax rates, with higher tax rates for higher income groups

- Even if the principles of 'ability to pay' and 'progressive taxation' are accepted, there are further problems to confront in the design of income tax:
- aggregation of different types of income
- selection of the tax unit
- clarification of the principles of horizontal and vertical equity

EQUITY IN INDIRECT TAXES

- Indirect taxes, such as trade taxes and VAT are regressive *in the sense that poor people contribute a higher share of their income to payment of such taxes* than do rich people.
- How do we make it less regressive?
- exemptions for items purchased primarily by poor people.

• lower rates on items purchased primarily by poor people

• higher rates on items purchased mainly by rich people

EQUITY IN SCHEDULER SYSTEM

- Challenges
- Even if the principles of 'ability to pay' and 'progressive taxation' are accepted, there are further problems to confront in the design of income tax:

• aggregation of different types of income

• selection of the tax unit

• clarification of the principles of horizontal and vertical equity

- Efficiency and Neutrality of the tax system

EASE OF ADMINSTRATION

- Weak "fiscal covenant" and "social contract" between state and citizens (Aid, Tax or Oil?)
- Low collection capacity
- Large informal sector
- High levels of poverty
- Corruption
- Rich have lawyers and advisers to avoid and evade.

EVALUATING DIRECT TAX SYSTEM

- Four dimensions of personal income tax:

1. Content of tax rules (single or joint filing?)
2. Tax burdens/Incidences.
3. Behavioural incentives
4. Impact of tax on gender inequality

EVALUATING INDIRECT TAXES

- The main indirect taxes are:
- • Value Added Tax (VAT) (typically levied across the board at the same rate on a wide range of goods
- and services, though there may be different rates for different categories of goods, and some categories.
- may be zero-rated (i.e., included in the system, but currently with a zero rate of tax) or exempt (i.e., excluded from the system);
- • excise tax (a tax on the sale of selected goods, typically including alcohol and cigarettes);
- • import and export taxes (often called 'trade taxes' or 'customs duties').

MEANS OF MEASURING IMPACTS

- The rules for indirect taxes explicitly differentiate between different types of goods, and sometimes between different kinds of suppliers (domestic and foreign, large and small), but not between women and men. Therefore, there cannot be explicit gender bias in the rules for indirect taxes.
- Stotsky (1996) suggests that these can contain implicit gender bias in the presence of:
- gender differential consumption of different goods and services.
- gender differential supply of different goods and services (through gender differences in composition of the workforce in different industries).
- **Distinctions are widely made within public finance between**:
- 'Merit goods', which are socially valuable goods, with positive effects on the consumer and on others in society, and whose consumption should be encouraged (e.g. medical care, education);

- ‘Demerit goods’, which are goods that may have adverse effects both on those who consume them and on others (e.g, alcohol, tobacco);
- necessities, which are essential for a decent standard of living; and
- luxuries, which are optional extras.

GHANA TAX INCIDENCE

- Aryertey et al (2006) found that on average, households in Ghana pay about 7.3 per cent of total expenses on indirect taxes.
- Using current expenditure as a proxy for permanent income, the study shows incidence of indirect taxes for the nation as a whole in 2005–06 decreases from 7.8 per cent for the 1st quintile of households to 6.8 per cent for the 4th quintile and rises again to about 7.7 per cent for the top quintile.
- The degree of progressiveness differs across localities and across male and female types of households.

The analysis suggests that:

on equity grounds, policy reforms are needed to lessen the burden of taxation on poor households that have more children.

Such reforms could target dual earner households within the middle-income group to finance this tax cut.

Tax reform policies should target and reduce the burden of taxes on commodities such as fuel for household use, since such taxes are disproportionately regressive for female-majority households.

In terms of substantive equality, the tax system discriminates against single-earner households, many of which are headed by women.

The marriage/ responsibility allowance provides valuable relief to households headed by widowed, separated and divorced persons, the majority of whom are women.

the responsibility relief should be increased as well as graduated for different income groups, declining as the income of the individual increases above a threshold level. Such targeting would increase relief to low-income households without burdening the budget.

The negative effects of fiscal drag on low-income persons negatively impacts a higher proportion of women in the tax net compared to men. This is because a larger proportion of women have incomes in the first income tax bracket. Income tax brackets should be adjusted more frequently to protect the real disposable income of low-income taxpayers.

information on the sex profile of personal income taxpayers is not collected by the Internal Revenue Service but we need such information of taxpayers to enable us do detailed analysis on the gender dimensions of income tax policies.

TAX REFORMS

- Increase Talk tax, Alcohol and tobacco taxes to generate more revenue.
- Shift incidence in petroleum taxes away from middle-income private car owners
- Cross-subsidise kerosene and LPG.
- Pursue aggressively taxation of professionals.
- Pursue aggressively Associational taxation.
- Cede more tax avenues to Assemblies.
- Provide more relief for HHs with more children.
- Review all mineral agreements to increase revenue.

5.3. Progressive Taxation

5.3.1 Definition and Principles

What is Progressive Taxation?

Progressive Taxation refers to a tax system in which the tax rate increases as the taxable income or wealth increases. In such a system, individuals and entities with higher incomes or wealth pay a larger percentage of their earnings in taxes compared to those with lower incomes (Piketty, 2014). This system is designed to ensure that the tax burden is distributed more equitably across society, with wealthier individuals contributing more to the public purse.

Principles of Progressive Taxation:

- **Equity**:
  - **Ability to Pay**: Progressive taxation is based on the principle of equity, which holds that individuals should be taxed according to their ability to pay. This means that those who earn more should contribute a greater share of their income to taxes, reflecting their higher capacity to support public services and infrastructure (Stiglitz, 2015).
  - **Vertical Equity**: This principle ensures that taxpayers with greater financial resources pay more than those with less, promoting fairness in the distribution of tax burdens.

- **Redistribution**:
    - **Income Redistribution**: Progressive taxes play a crucial role in redistributing wealth from the richer segments of society to the poorer ones. This redistribution helps to reduce income inequality by channelling tax revenues into public services and social welfare programs that benefit lower-income groups (Barnett & Grown, 2004).
    - **Social Equity**: By redistributing wealth, progressive taxation supports social equity, helping to create a more balanced and just society where everyone has access to basic needs and opportunities.

- **Efficiency**:
    - **Economic Efficiency**: While ensuring equity, a well-designed progressive tax system should also aim to minimize economic distortions. This means that the tax system should not overly discourage productive economic activities like investment and work.
    - **Optimal Resource Allocation**: Progressive taxation should encourage the optimal allocation of resources by ensuring that wealth is directed toward productive uses, such as public investments in education, healthcare, and infrastructure.

5.3.2. Key Features of a Progressive Tax System

A progressive tax system is characterized by tax policies and structures that impose higher tax rates on individuals or entities with higher incomes or greater wealth. The key pillars of a progressive tax system include:

1. **Tax Brackets**: The tax system is divided into income or wealth brackets, each with its own tax rate. As individuals or entities earn more or possess higher levels of wealth, they move into higher tax brackets and pay a higher percentage of their income or wealth in taxes.
2. **Graduated Tax Rates**: Within each tax bracket, tax rates increase as income or wealth increases. The lowest-income earners pay the lowest tax rate, while higher-income earners pay progressively higher rates.
3. **Exemptions and Deductions**: Progressive tax systems often provide exemptions or deductions for certain categories of income or expenses. These exemptions can help lower-income individuals or families reduce their tax burden.
4. **Progressive Tax Credits**: Tax credits can be designed to benefit lower-income individuals or families. These credits directly reduce the amount of tax owed, providing targeted relief to those who need it most.
5. **Wealth or Estate Taxes**: In addition to income taxes, a truly progressive system may include wealth or estate taxes that apply to assets and inheritances above a certain threshold. These taxes target accumulated wealth, ensuring that the very wealthy contribute proportionally more to government revenue.

6. **Social Safety Nets**: Progressive tax systems are often paired with social safety net programs. These programs provide financial assistance, healthcare, education, and other services to those in need, further reducing income inequality.
7. **Taxation of Capital Gains and Dividends**: Taxing capital gains and dividends at a rate higher than ordinary income can be a key pillar of a progressive tax system. These types of income are often associated with wealthier individuals and should be subject to progressive rates.
8. **Anti-Avoidance Measures**: To prevent high-income individuals and corporations from avoiding taxes, progressive tax systems include anti-avoidance measures, such as rules against tax shelters, tax havens, and aggressive tax planning.
9. **Regular Review and Adjustment**: Tax systems should be regularly reviewed and adjusted to ensure that they remain progressive and responsive to changing economic conditions. This may involve changing tax rates, brackets, or exemptions as needed.
10. **Public Education and Transparency**: An informed public is essential for a progressive tax system to be politically sustainable. Governments should provide education and transparency regarding how the tax system works and how it benefits society.
11. **International Cooperation**: In a globalized economy, cooperation with other countries is important to prevent tax evasion and avoidance by high-income individuals and multinational corporations. International agreements and standards can help maintain progressivity in taxation.

These key pillars work together to create a tax system that aims to reduce income and wealth inequality by ensuring that those who have more pay a higher share of their income or wealth in taxes. The specifics of a progressive tax system can vary from one country to another, but the fundamental principle of taxing the wealthy more heavily remains a common thread.

5.3.3. Each According to Ability to Pay and Each According to Needs

The phrases "Each according to their ability to pay" and "Each according to their needs" represent two fundamental principles of economic and social justice. They are often associated with different economic and political philosophies and have been used to advocate for various policies and societal structures. Let's explore each of these principles:

1. **"Each according to their ability to pay"**:
   - **Principle**: This principle suggests that individuals or entities should contribute to the collective welfare or public goods in proportion to their financial capacity or ability to pay. In other words, those who have higher incomes or greater resources should bear a larger share of the tax burden or financial obligations.
   - **Implementation**: Progressive taxation systems, where tax rates increase as income or wealth increases, align with this principle. Wealthier individuals or corporations pay higher tax rates than those with lower incomes.
   - **Rationale**: The rationale behind this principle is to achieve a fair distribution of the costs of public goods and services. It acknowledges that those who have more can

afford to contribute more, thereby reducing income inequality and ensuring that essential services are funded adequately.

2. **"Each according to their needs"**:
   - **Principle**: This principle advocates that individuals should receive support or resources based on their needs, regardless of their financial capacity or ability to pay. It emphasizes social welfare and support for those who require assistance due to various circumstances, such as disability, illness, or economic hardship.
   - **Implementation**: Social safety net programs, welfare systems, and universal healthcare systems often align with this principle. These programs aim to provide necessary support to individuals or communities based on their specific needs.
   - **Rationale**: The rationale behind this principle is to ensure that all members of society have access to essential services and resources, irrespective of their financial situation. It addresses issues of equity and social justice by prioritizing the well-being of vulnerable or disadvantaged individuals.

These two principles are not necessarily mutually exclusive and can be complementary in certain contexts. For example, a well-designed tax system may combine elements of both principles. It can tax individuals according to their ability to pay while using the revenue generated to fund services and programs that address the needs of the population.

In practice, striking a balance between these principles can be challenging, and different societies and political systems may prioritize one principle over the other to varying degrees. Finding the right balance often involves complex policy decisions and debates about the role of government in promoting economic and social justice.

5.3.4. Taxation Is at the Heart of Citizenship

Taxation is indeed at the heart of citizenship in modern societies. It represents a fundamental aspect of the social contract between citizens and their governments. Here is a discussion of why taxation is so central to citizenship:

1. **Funding Public Services**:
   - **Infrastructure**: Taxes are the primary source of revenue for governments, enabling them to build and maintain critical infrastructure such as roads, bridges, and public transportation systems.
   - **Education**: Tax dollars support the education system, ensuring that citizens have access to quality schooling and skills development.
   - **Healthcare**: Many countries use tax revenue to fund healthcare systems, making medical services accessible and affordable for citizens.
   - **Social Welfare**: Taxes are used to provide social safety net programs, including unemployment benefits, food assistance, and housing support for those in need.

2. **Redistribution of Wealth**:
    - **Progressive Taxation**: Progressive tax systems, which tax higher incomes at higher rates, help redistribute wealth from the affluent to the less affluent, reducing income inequality.
    - **Wealth and Inheritance Taxes**: Some countries impose taxes on accumulated wealth and large inheritances to prevent the concentration of wealth among a few individuals or families.
3. **Citizen Representation**:
    - **Democratic Process**: In democracies, citizens have a say in how tax revenue is collected and allocated through the electoral process. They can vote for representatives who advocate for their tax-related interests.
    - **Accountability**: Governments are held accountable to their citizens for how they use tax revenue. Transparency and oversight mechanisms ensure that tax dollars are spent responsibly.
4. **Fostering Civic Engagement**:
    - **Public Debate**: Taxation often leads to public debates about government priorities and spending. This encourages citizens to engage in discussions about the allocation of resources and public policies.
    - **Participation**: As taxpayers, citizens have a stake in the functioning of their governments and the provision of public services. This can motivate civic participation and engagement in public affairs.
5. **National Identity and Solidarity**:
    - **Contributing to Society**: Paying taxes is a tangible way for citizens to contribute to the well-being of their nation and fellow citizens. It fosters a sense of responsibility and solidarity.
    - **Shared Goals**: When citizens collectively fund public services, it promotes a shared sense of responsibility for the nation's development and the welfare of its people.
6. **Rule of Law and Order**:
    - **Funding Law Enforcement**: Tax revenue supports law enforcement agencies, contributing to public safety, maintaining order, and upholding the rule of law.

In summary, taxation is a vital aspect of citizenship because it underpins the provision of essential public services, the redistribution of wealth, citizen representation in government, civic engagement, and the sense of shared national identity. It reflects the financial and social responsibilities that come with being a member of society, and it plays a central role in shaping the relationship between citizens and their governments.

5.3.5 Role in Reducing Inequality

Income Redistribution:

- **Mechanism of Redistribution**: Progressive taxation helps to transfer wealth from higher-income individuals to lower-income individuals through the taxation of income, wealth, or consumption. The revenues collected are then used to fund public services, social safety nets, and other redistributive measures that directly benefit lower-income groups.
- **Impact on Public Services**: By funding essential public services like healthcare, education, and social protection, progressive taxes ensure that all citizens, regardless of income, have access to basic services that improve their quality of life and economic opportunities.

Economic Justice:

- **Supporting Social Equity**: Progressive taxation is a tool for achieving economic justice by ensuring that wealthier individuals and corporations contribute a fair share to the financing of public goods. This helps to level the playing field and provides opportunities for all citizens, especially those from disadvantaged backgrounds.
- **Reducing the Wealth Gap**: By taxing higher incomes at higher rates, progressive taxation reduces the wealth gap, making it possible to fund initiatives that support economic mobility and reduce poverty.

Case Example:

- **Successful Implementation in a Specific Country**: For instance, Scandinavian countries like Sweden and Norway have successfully implemented progressive tax systems that have significantly reduced income inequality. These countries combine high tax rates on the wealthy with extensive social welfare programs, ensuring that all citizens have access to healthcare, education, and social security.

5.3.6. Challenges And Criticisms

Economic Impact:

Investment and Growth:

- **Concerns**: One of the main criticisms of progressive taxation is that it may discourage investment and economic growth. Higher tax rates on the wealthy could reduce incentives to invest, save, or take entrepreneurial risks, potentially slowing down economic growth.
- **Balancing Act**: Policymakers must balance the need for revenue with the potential negative impact on economic activity, ensuring that tax rates are set at levels that do not stifle growth.

Tax Avoidance:

- **Incentivizing Avoidance**: Progressive taxation, particularly at high rates, may incentivize tax avoidance strategies. Wealthy individuals and corporations might engage in legal (or illegal) practices to reduce their taxable income, such as shifting income to lower-tax jurisdictions, using tax shelters, or exploiting loopholes.
- **Countermeasures**: Addressing tax avoidance requires robust anti-avoidance rules, international cooperation, and well-resourced tax authorities capable of enforcing compliance.

Implementation Issues:

- **Complexity**:
  - **Design and Administration**: Designing a progressive tax system that is both fair and efficient can be complex. It involves setting appropriate tax brackets, rates, and exemptions, as well as ensuring that the system can be effectively administered by tax authorities.
  - **Ensuring Fairness**: The complexity of progressive taxation also lies in ensuring that it captures all sources of income fairly, including capital gains, dividends, and other forms of wealth.
- **Compliance Costs**:
  - **Administrative Burden**: Progressive taxation can lead to higher compliance costs for both taxpayers and tax authorities. For taxpayers, especially businesses, the complexity of the tax system may require hiring tax professionals to navigate the rules. For tax authorities, administering and enforcing a progressive tax system involves higher costs in terms of personnel, technology, and auditing capabilities.
  - **Streamlining Processes**: To minimize these costs, governments can invest in digital tax administration systems and simplify tax codes where possible.

Public Perception:

- **Perception of Fairness**:
  - **Balancing Act**: While progressive taxation is designed to be fair, it can sometimes be perceived as punitive by those who are taxed at higher rates. This perception can lead to resistance or non-compliance, particularly if taxpayers feel that their contributions are not being used efficiently or transparently.
  - **Building Consensus**: It is crucial for governments to build public support for progressive taxation by clearly communicating its benefits and ensuring that tax revenues are visibly used for the public good.

5.3.7 Administrative and Political Economy Environment

Tax Administration:

- **Capacity for Progressive Taxation**:
  - **Implementation Ability**: The effectiveness of progressive taxation depends on the capacity of tax authorities to implement and manage the system. This includes their ability to collect accurate income data, enforce tax laws, and address non-compliance effectively.
  - **Training and Resources**: Strengthening the capacity of tax authorities may require additional training, investments in technology, and resources to handle the complexities of a progressive tax system.
- **Data Collection and Analysis**:
  - **Importance of Accurate Data**: Accurate data collection is essential for ensuring the fairness of a progressive tax system. This includes collecting comprehensive information on income, wealth, and other taxable assets.
  - **Preventing Evasion**: Robust data analysis helps in identifying potential tax evasion and ensuring that all income is properly reported and taxed.

Political Factors:

- **Legislative Support**:
  - **Role of Political Parties**: The implementation of progressive tax policies often depends on the support of political parties and leaders. Progressive taxation is more likely to succeed in environments where there is broad political consensus on the need for income redistribution and social equity.
  - **Policy Debates**: Legislative support may also depend on broader policy debates around the role of taxation in the economy, with different parties advocating for varying levels of progressivity.
- **Public Support**:
  - **Building Consensus**: Public support for progressive taxation is crucial for its sustainability. Governments must engage in public education campaigns to explain the benefits of progressive taxes and address any misconceptions.
  - **Understanding and Acceptance**: Public understanding of how progressive taxation works and its role in reducing inequality can help build acceptance and compliance among taxpayers.

Economic Context:

- **Current Tax Structure**:
  - **Analysis of Ghana's Tax System**: A detailed analysis of Ghana's existing tax system is necessary to understand its level of progressivity. This involves examining the distribution of tax burdens across different income groups, the effectiveness of

current tax rates, and the existence of any regressive taxes that disproportionately affect lower-income groups.
    - **Opportunities for Reform**: Identifying opportunities to enhance the progressivity of Ghana's tax system, such as introducing or increasing taxes on wealth, luxury goods, and high incomes.
- **Economic Indicators**:
    - **Influence on Feasibility**: The feasibility of implementing or enhancing progressive taxation in Ghana is influenced by various economic indicators, including GDP growth, income distribution, unemployment rates, and the overall fiscal health of the government.
    - **Policy Implications**: Policymakers must consider these economic factors when designing tax reforms to ensure that they are both effective in reducing inequality and sustainable in the long term.

6.0. DOMESTIC RESOURCE MOBILISATION

Domestic resource mobilization (DRM) refers to a country's ability to generate revenue from its own sources, including taxation, natural resources, and other domestic assets. The key pillars of a successful DRM strategy include the following:

Domestic resource mobilization (DRM) is a cornerstone of economic development, particularly for developing countries aiming to reduce dependency on foreign aid and external borrowing. DRM refers to a country's capacity to generate revenue from its own resources, which include taxation, the management of natural resources, and other domestic assets (African Development Bank, 2020). As a strategy, DRM is essential for funding public goods, fostering economic growth, and ensuring long-term financial sustainability. To establish a successful DRM framework, a country must build on several key pillars, which include an effective taxation system, proper management of natural resources, efficient customs and trade policies, strong financial institutions, sound public financial management, promotion of economic growth, capacity building, and international cooperation.

Effective Taxation System

A key pillar of DRM is a well-structured and effective taxation system. **Progressive taxation** is critical to ensure that individuals and businesses with higher incomes contribute a proportionally larger share to government revenue. This system reduces income inequality by ensuring that the wealthiest bear a higher tax burden (Piketty, 2014). Furthermore, **broadening the tax base** is vital. By including more economic activities and sectors in the tax net, governments can maximize revenue collection (International Monetary Fund, 2018). This requires bringing informal sectors into the formal economy, which is often a significant challenge in developing countries. In addition to expanding the tax base, **efficient tax administration** is essential for accurately assessing, collecting, and managing taxes. Efficient systems reduce revenue leakage, increase compliance, and foster trust in the government (Bird & Zolt, 2011).

Natural Resource Management

Natural resource management is another critical component of DRM, especially for resource-rich countries like Ghana. **Transparent resource extraction** is crucial for ensuring that revenues from resources like oil, gas, minerals, and forestry are properly recorded and managed. Transparency helps prevent corruption and ensures that the benefits of resource extraction are equitably distributed (Le Billon, 2013). Furthermore, establishing **fair royalties and taxes** on natural resources is essential. Fair and reasonable fees for resource extraction ensure that countries maximize revenue while promoting the sustainable management of these resources (Collier, 2010). Governments must balance the need for revenue with the environmental and social impacts of resource extraction.

Customs and Trade Policies

Efficient customs and trade policies are central to prevent revenue leakage and enhancing DRM. **Streamlined customs procedures** reduce the cost and complexity of trade, increase compliance, and improve revenue collection from international trade (World Bank, 2019). In addition, **combatting trade mispricing** is vital. Transfer pricing and underreporting of export and import prices can lead to significant tax evasion and revenue loss. Implementing measures such as benchmarking prices and enhancing data sharing between trade partners can mitigate these risks (Cobham, 2014).

Strengthening Financial Systems

A **robust financial system** is critical for ensuring that domestic revenue flows are transparent, secure, and well-managed. Countries need stable and well-regulated financial institutions that can monitor and facilitate economic transactions. This helps to minimize risks and ensures the smooth operation of the economy. Additionally, **broadening access to financial services**, particularly in rural areas, is essential for mobilizing savings and investments. Access to financial services not only facilitates transactions but also encourages savings, which can be leveraged for investments in public infrastructure and development projects (Beck, 2012).

Public Financial Management

Effective governance in **public financial management** is necessary for the effective use of mobilized resources. **Transparent budgeting and spending** processes ensure that the resources collected are allocated efficiently and used for their intended purposes. This transparency builds public trust and helps hold governments accountable for how tax revenue is spent (OECD, 2016). Moreover, **audit and oversight mechanisms** are essential. These mechanisms, including independent oversight bodies, help to ensure that public funds are used in compliance with legal frameworks and for the public good. They serve as a deterrent to corruption and mismanagement, safeguarding the public's investment in national development (Mauro, 1995).

Promoting Economic Growth and Investment

Encouraging economic growth is a fundamental aspect of DRM. A favourable **investment climate** attracts both domestic and foreign investors, stimulating job creation and increasing the tax base. Policies that reduce bureaucratic obstacles, improve infrastructure, and provide incentives for investment can significantly boost economic activity and generate more tax revenue (Rodrik, 2007). Moreover, encouraging the **productive use of resources**, such as land, labour, and capital, can lead to increased economic activity, which in turn boosts domestic revenues (Chang, 2002).

Capacity Building and Governance

Building **institutional capacity** is crucial for an effective DRM strategy. Government institutions, particularly tax authorities, need the capacity to design and implement effective revenue mobilization strategies. This includes having the skills, technology, and data necessary to monitor and enforce tax compliance (Keen, 2012). Additionally, promoting **good governance and accountability** practices fosters trust between the government and citizens. Ensuring that revenue is collected and utilized responsibly helps create a culture of transparency and fairness (North, 1990).

International Cooperation and Anti-Corruption Measures

Finally, **international cooperation** is essential for combating illicit financial flows (IFFs) and ensuring that domestic revenue remains within the country. **Fighting IFFs** through collaboration with international partners is critical to prevent revenue loss through tax evasion, money laundering, and corruption. Measures such as automatic information exchange between countries can help detect and prevent illegal financial activities (Global Financial Integrity, 2017). Furthermore, implementing **anti-corruption measures** is key to maintaining public trust and ensuring that the revenue collected is not siphoned off through corrupt practices (Rose-Ackerman, 1999).

Conclusion

By focusing on these key pillars, countries can develop a robust DRM strategy that supports sustainable economic development, reduces dependency on external funding, and ensures a fair distribution of the tax burden. Effective DRM enhances a country's ability to invest in public goods and services, promotes economic growth, and strengthens the social contract between citizens and the government.

7.0. ECONOMIC RENT

7.1 Definition and Concept

Economic Rent Defined:

Definition: Economic rent refers to the excess payment made to a factor of production (such as land, labour, or capital) above the minimum amount required to keep it employed in its current use. It represents the difference between the actual earnings and the opportunity cost of a resource (Ricardo, 1817). Given that markets in Ghana and other developing countries are either underdeveloped or absent, economic rents will accrue and whether these rents are judiciously deployed for building and sustaining prosperity for all or restricted to a minority few depends on the political settlement in the country.

Sources of Economic Rent:

Natural Resources:

Profits from Extraction: Economic rents often arise from the extraction of natural resources like oil, gas, minerals, and timber. These rents occur because the supply of these resources is limited, and they can be extracted at a cost far below the market price, leading to substantial profits for those who control the resources (Bebbington et al., 2008).

Monopolistic Practices:

Excess Profits: Monopolistic practices generate economic rents by restricting competition, allowing companies to charge higher prices than would be possible in a competitive market. These excess profits are a form of rent because they exceed the normal returns on investment (Tirole, 1988).

Government Grants/Subsidies:

Additional Income: Economic rents can also be created through government intervention, such as grants, subsidies, or favourable regulations. These forms of support can artificially increase the profitability of certain activities, leading to rent extraction by the beneficiaries (Stigler, 1971).

7.2 Role of the Elite in the Generation and Management of Economic Rent

Elite Control:

Generation and Management: Political and economic elites often play a central role in generating and managing economic rents. By leveraging their influence and control over resources, policies, and markets, elites can secure rents for personal gain, often at the expense of broader economic efficiency and equity (Acemoglu & Robinson, 2012).

Resource Allocation:

Maintaining Power: Elites use economic rents to maintain and reinforce their power and status. This is often achieved through strategic allocation of rents to loyal supporters, investments in political networks, and the control of key economic sectors (North, Wallis, & Weingast, 2009).

Impact on Economy:

Market Distortions: The control of rents by elites can distort markets by discouraging competition and innovation. When elites capture significant economic rents, they may prioritize maintaining their rent-seeking positions over fostering a competitive and dynamic economy, leading to inefficiencies and stunted economic growth (Krueger, 1974).

Exacerbation of Inequality:

Widening Gaps: The concentration of economic rents in the hands of a few elites can exacerbate income and wealth inequality. As rents are often not reinvested in ways that benefit society broadly, the gap between the rich and poor can widen, leading to social and economic tensions (Piketty, 2014).

7.3 Incomplete and Inefficient Markets Creating Economic Rents

There are several factors that bring about economic rents, some of which include:

Market Failures:

Information Asymmetry:

Rent Extraction: Economic rents can arise from information asymmetry, where one party in a transaction has more or better information than the other. This can lead to situations where those with privileged information extract rents from less informed parties, often resulting in unfair market outcomes (Akerlof, 1970).

Regulatory Capture:

Siphoning Rents: Regulatory capture occurs when regulatory agencies are dominated by the industries they are supposed to regulate. This can lead to the creation of rents for those industries through favourable regulations, subsidies, or lack of enforcement, allowing them to extract greater profits than would be possible under a competitive regulatory environment (Stigler, 1971).

Harnessing Rents for Structural Transformation:

Efficient Allocation:

Investing in Growth: To harness economic rents for structural transformation, it is essential to allocate these rents efficiently, channelling them into productive sectors such as infrastructure, education, and technology. This can drive economic growth and development, transforming rent-based economies into more diversified and resilient ones (Chang, 2002).

Policy Interventions:

Minimizing Rent-Seeking: Implementing policies that minimize rent-seeking behaviour is crucial for promoting equitable distribution of resources. This can include anti-corruption measures, competitive bidding for natural resource rights, and transparent government procurement processes (Rodrik, 2007).

7.4 Types of Economic Rents

Land Rent:

Income from Ownership:

Location and Scarcity: Land rent refers to the income derived from owning land, which often depends on its location and scarcity. Prime locations in urban areas or fertile agricultural land can command high rents due to their desirability and limited availability (Ricardo, 1817).

Resource Rent:

Profits from Natural Resources:

Beyond Normal Returns: Resource rent is the excess profit earned from natural resources like minerals, oil, and gas, beyond the normal returns on investment. This type of rent is particularly significant in resource-rich countries, where the value of extracted resources far exceeds the costs of extraction (Bebbington et al., 2008).

Monopoly Rent:

Excess Profits from Market Power:

Holding Monopoly Power: Monopoly rent arises when a firm or individual holds significant market power, allowing them to earn excess profits by restricting output and raising prices above competitive levels (Tirole, 1988).

Human Capital Rent:

Premium Wages:

Scarcity of Skills: Human capital rent is the premium wages paid to individuals who possess specialized skills or knowledge that are scarce in the labour market. These rents reflect the high value placed on expertise that is not easily replicated or replaced (Becker, 1964).

7.5 Administrative and Political Economy Environment

Regulatory Framework:

Laws Governing Rent Extraction:

Effectiveness of Laws: Assessing the effectiveness of laws aimed at controlling economic rents is crucial for ensuring that rents do not lead to market distortions or exacerbate inequality. Effective laws should promote transparency, competition, and fair distribution of resources (North et al., 2009).

Anti-Rent-Seeking Policies:

Promoting Fair Competition: Anti-rent-seeking policies are designed to discourage behaviour that leads to the creation of excessive rents, such as corruption, monopolistic practices, and regulatory capture. These policies can include stricter enforcement of antitrust laws, transparent public procurement, and limits on lobbying and political donations (Krueger, 1974).

Institutional Integrity:

Transparency Measures:

Monitoring and Regulation: Implementing transparent processes to monitor and regulate the generation and distribution of economic rents is essential for maintaining institutional integrity. This includes public disclosure of contracts, revenues, and spending related to natural resources and government subsidies (Stiglitz, 2002).

Accountability Mechanisms:

Ensuring Responsibility: Ensuring that institutions are held accountable for the mismanagement or misuse of economic rents is key to preventing corruption and promoting fair economic practices. This can involve independent audits, parliamentary oversight, and civil society engagement in monitoring rent extraction (Acemoglu & Robinson, 2012).

Political Influence:

Elite Networks:

Influence on Rent Distribution: Political connections often play a significant role in the generation and distribution of economic rents. Elite networks can influence policy decisions, regulatory frameworks, and the allocation of government resources, often to the benefit of those within the network (Rodrik, 2007).

Policy Advocacy:

Role of Interest Groups: Interest groups and lobbyists often shape policies related to economic rents by advocating for regulations that benefit specific industries or individuals. Understanding the influence of these groups is crucial for developing policies that promote fair competition and equitable distribution of resources (Olson, 1982).

8.0. LINKAGES BETWEEN IFFFs, PROGRESSIVE TAXATION AND DRM

8.1 How IFFs Undermine DRM

Resource Drain:

Siphoning Off Resources: Illicit Financial Flows (IFFs) significantly undermine Domestic Resource Mobilization (DRM) by siphoning off resources that could otherwise be utilized domestically. This illicit outflow of capital deprives governments of the financial means necessary to fund public services, infrastructure projects, and social programs. For instance, funds that could be allocated to healthcare, education, and poverty alleviation are instead hidden in offshore accounts or used to finance illegal activities, reducing the pool of resources available for development (Kar & Spanjers, 2015).

Revenue Loss:

Impact on Government Budgets: IFFs lead to substantial losses in tax revenue, which directly affects government budgets and their ability to finance essential services. When individuals and corporations engage in tax evasion or transfer pricing manipulation, they reduce the tax base, leaving governments with fewer resources to address public needs. This revenue loss forces governments to either cut spending on vital services or increase borrowing, which can lead to unsustainable debt levels (Baker, 2005).

Economic Instability:

Contribution to Economic Volatility: IFFs contribute to economic instability by creating unpredictable and unregulated financial outflows. These outflows can cause fluctuations in currency value, disrupt capital markets, and undermine investor confidence. Additionally, the loss of revenue and resources through IFFs can lead to budget deficits, inflation, and reduced public investment, further exacerbating economic volatility and undermining fiscal stability (Global Financial Integrity, 2022).

8.2 The Role of Progressive Taxation in Curbing IFFs

Tax Evasion Prevention:

Reducing Incentives for Illicit Activities: Progressive taxation plays a crucial role in reducing the incentives for tax evasion and other illicit financial activities. Higher tax rates on the wealthy and corporations can discourage the use of tax havens and aggressive tax avoidance schemes. When tax systems are perceived as fair and equitable, there is less motivation for individuals and businesses to engage in illicit activities to minimize their tax obligations (Piketty, 2014).

Strengthening Compliance:

Promoting Fairness and Equity: A progressive tax system, which imposes higher tax rates on those with greater financial resources, can enhance tax compliance by fostering a sense of fairness and equitable burden-sharing. When taxpayers believe that the tax system is just and that everyone is contributing their fair share, they are more likely to comply with tax laws voluntarily. This increased compliance can reduce the prevalence of IFFs and improve DRM (Saez & Zucman, 2019).

Revenue Generation:

Funding Anti-IFF Measures: By generating additional revenue through progressive taxation, governments can invest more in anti-IFF measures and DRM initiatives. These investments might include strengthening tax administration, enhancing regulatory frameworks, and improving international cooperation to detect and prevent IFFs. The additional funds raised through progressive taxes can also support social programs and infrastructure projects, contributing to broader economic development goals (Stiglitz, 2015).

8.3 Integrating Approaches

Coordinated Strategies:

Holistic Approach: Addressing IFFs, implementing progressive taxation, and enhancing DRM require a coordinated and holistic approach. Policies targeting one area can have a positive impact on others, creating a reinforcing loop that strengthens the overall economic system. For example, stronger DRM can provide the necessary resources for implementing progressive tax reforms, while progressive taxation can help curb IFFs, ensuring that more resources remain within the country (OECD, 2015).

Policy Synergy:

Supporting and Reinforcing Efforts: Policies aimed at curbing IFFs, such as tighter financial regulations and improved tax enforcement, can support and reinforce efforts to implement progressive taxation and enhance DRM. For instance, closing loopholes that allow for tax evasion can increase the effectiveness of progressive tax policies, while improving tax administration can boost DRM by ensuring that all due taxes are collected efficiently. This synergy creates a cohesive framework that promotes economic justice and sustainable development (Acemoglu & Robinson, 2012).

Collaborative Efforts:

Importance of Collaboration: Tackling the interconnected issues of IFFs, progressive taxation, and DRM requires collaboration between various stakeholders, including government agencies, international organizations, and civil society. By working together, these entities can share knowledge, resources, and best practices, making it easier to implement comprehensive strategies that address all aspects of these challenges. International cooperation is particularly crucial in combating IFFs, as these flows often cross borders and involve complex networks that require coordinated action (FATF, 2019).

8.4 Administrative and Political Economy Environment

Policy Alignment:

Ensuring Integrated Approaches: For strategies to effectively integrate IFFs, progressive taxation, and DRM, policies across different sectors must be aligned. This means that tax policies, financial regulations, and development plans should be designed to complement each other and work towards common goals. Policy misalignment can lead to inefficiencies and missed opportunities for synergy, undermining the overall effectiveness of efforts to promote economic justice (Smith, 2020).

Institutional Coordination:

Facilitating Communication and Cooperation: Effective communication and cooperation among various governmental and non-governmental institutions are essential for implementing integrated approaches. This coordination ensures that different entities are not working at cross-purposes and that resources are used efficiently. Institutional coordination also helps to avoid duplication of efforts and ensures that policies are implemented consistently across the board (Jones & Adams, 2021).

Political Consensus:

Building Support for Integrated Strategies: Achieving broad-based political support for integrated strategies to address IFFs, progressive taxation, and DRM is crucial for their success. Political consensus ensures that these strategies are sustained over time, even as governments change. Building this consensus may involve engaging with political leaders, stakeholders, and the public to highlight the benefits of these integrated approaches and to address any concerns or opposition (Piketty, 2014).

9.0. RESERVE-BASED LENDING AND RESOURCE-BACKED LOANS

9.1. Understanding Reserve-Based Lending (RBL)

Key Concepts and Definitions

- **Reserve-Based Lending (RBL)**: A financing model primarily used in the oil and gas industry where loans are secured against the future production of a company's proven reserves. The estimated future revenues from these reserves determine the loan amount and repayment terms.
- **Proven Reserves**: Quantities of oil and gas that geological and engineering data demonstrate with reasonable certainty to be recoverable under existing economic and operating conditions.
- **Cash Flow**: The total amount of money being transferred into and out of a business, particularly affecting liquidity.

A Typology of Criminal Economies in West Africa

- **Illicit Financial Flows (IFFs)**: Illegal movements of money or capital from one country to another, often involving corruption, money laundering, tax evasion, and trade mispricing.
- **Resource-Driven Criminal Economies**: Economies where illegal activities revolve around the exploitation of natural resources like oil, gold, and diamonds.
- **Drug Trafficking**: The production, distribution, and sale of illegal drugs.

- **Human Trafficking and Smuggling**: The illegal trade of humans for forced labor, sexual slavery, or commercial sexual exploitation.

A Deficit Financing or a Loan?

- **Deficit Financing**: The practice of funding government operations or projects through borrowing rather than revenue collection. RBL can be a form of deficit financing for governments if they borrow against future oil and gas revenues.
- **Loan**: A sum of money borrowed that is expected to be paid back with interest. RBL is a specific type of loan where repayment is tied to future production revenues.

Expanded Repatriation/Efficiency

- **Repatriation**: The process of returning assets or profits to the home country. Efficient repatriation of profits from RBL can enhance domestic resource mobilization and economic stability.
- **Efficiency**: Ensuring that borrowed funds are used effectively to maximize production and revenue generation.

International Trade and RBL

- **Trade Finance**: Financial instruments and products used by companies to facilitate international trade and commerce. RBL can be considered a form of trade finance in the oil and gas sector.
- **Export Credits**: Loans or credit facilities provided to foreign buyers to finance the purchase of goods and services from the exporting country.

Conduct for Industrial Nations

- **Ethical Lending Practices**: Industrial nations and their financial institutions should adhere to ethical lending practices, ensuring transparency, accountability, and sustainable development in borrowing countries.
- **Anti-Corruption Measures**: Implementing stringent anti-corruption measures to prevent misuse of RBL funds and to ensure that revenues benefit the local economy.

Examples of RBL

- **PetroSA:** In 2015, PetroSA secured a $200 million RBL facility through its Ghanaian subsidiary to monetize its offshore assets in Ghana. The lenders of the RBL facility included Absa, Rand Merchant Bank, Standard Chartered Bank, BNP Paribas, Credit Agricole, and Natixis.
- **Offshore Cape Three Points Block:** In 2017, a hybrid project finance and RBL structure secured $1.35 billion debt financing to support Vitol's management of the Offshore Cape

Three Points Block in collaboration with Eni (Italian upstream major) and the Ghana National Petroleum Corporation (GNPC). The financing included:

  - $400 million from UK Export Finance (UKEF)
  - $300 million from an International Finance Corporation (IFC) facility
  - $180 million from a Multilateral Investment Guarantee Agency (MIGA) facility
  - $470 million from a commercial bank facility provided by HSBC, ING, Société Générale, and Standard Chartered Bank

- **Tullow Oil:** In 2016 and 2020, Tullow Oil reached a $1.7 billion reserve-based loan agreement.

9.2. The Nature, Form, Legal Framework, And Ghanaian Context of RBL

- **Legal Framework**: The set of laws and regulations governing RBL agreements, ensuring that they are transparent, fair, and enforceable.
- **Ghanaian Context**: In Ghana, the discovery of significant oil and gas reserves has led to the adoption of RBL for funding development projects. The legal framework includes regulations by the Ghana National Petroleum Corporation (GNPC) and the Petroleum Commission.
- **Benefits for Developing Countries (Ghana)**:
  - **Access to Capital**: Enables Ghana to access significant funding for developing its oil and gas resources.
  - **Economic Growth**: Potential for increased revenue, job creation, and infrastructure development.
  - **Technology Transfer**: Opportunity to acquire advanced technologies and expertise in the oil and gas sector.

Relationship Between Financial Secrecy and RBL

- **Financial Secrecy**: Practices that allow financial transactions to be conducted with minimal transparency, often used to hide illicit activities.
- **Impact on RBL**: Financial secrecy can exacerbate the risk of IFFs in RBL agreements, leading to revenue loss and corruption.

Supply Chain Activities and Ease of Entry by Local Companies

- **Direct Services**: Activities directly related to oil and gas production, such as drilling, exploration, and extraction.
- **Indirect Services**: Support activities such as logistics, transportation, and catering.
- **Specialized Services**: Technical and professional services such as engineering, environmental consulting, and legal services.
- **Local Content Policies**: Strategies to ensure that local companies participate in and benefit from the oil and gas sector, enhancing local economic development.

Transaction-Chain Analysis in Local Content

- **Transaction-Chain Analysis**: Examining the entire value chain of transactions in the oil and gas sector to identify opportunities for local content development.
- **Local Content**: Policies and practices aimed at increasing the participation of local businesses in the supply chain, fostering economic growth and development.

Support for Ghana During Implementation:

- **Capacity Building**: Training programs for local businesses and government officials to enhance their skills and knowledge.
- **Infrastructure Development**: Investment in infrastructure to support local businesses and communities.
- **Financial Assistance**: Providing financial resources and incentives to local companies to facilitate their entry into the oil and gas sector.

Profit-Shifting by MNEs via Tax Havens

- **Profit Shifting**: Strategies used by multinational enterprises (MNEs) to move profits from high-tax jurisdictions to low-tax jurisdictions to reduce tax liabilities.
- **Tax Havens**: Jurisdictions with low or no taxes, high levels of financial secrecy, and lenient regulatory frameworks that attract MNEs looking to minimize their tax liabilities.

When Do Companies Start Paying This New Tax?

- **Timing**: The timing for companies to start paying taxes depends on the specific terms of the RBL agreement and the production timeline. Typically, companies start paying taxes once production begins, and revenues are generated from the reserves.

Ghana Risk Profile

- **Economic Risks**: Fluctuations in global oil and gas prices can impact revenue projections and loan repayment capacity.
- **Political Risks**: Political instability or changes in government policies can affect the regulatory environment and the execution of RBL agreements.
- **Operational Risks**: Challenges related to the exploration, development, and production of oil and gas reserves.
- **Environmental Risks**: Potential environmental impacts of oil and gas operations, including spills and pollution, which can affect local communities and ecosystems.
- **Social Risks**: Community opposition to oil and gas projects due to concerns about environmental damage, displacement, and inadequate compensation.

Summary

Understanding RBL requires a comprehensive analysis of its key concepts, the potential risks and benefits, and the specific context of implementation in Ghana. By leveraging international frameworks, enhancing transparency, and promoting local content, Ghana can maximize the benefits of RBL while mitigating associated risks.

9.3. Reserve-Based Lending and Its Impact on Fiscal Policy

Reserve-based lending (RBL) is a financing mechanism where loans are provided against the value of a country's natural resources, such as oil, gas, or minerals. This type of lending has several implications for fiscal policy:

1. **Revenue Dependency on Commodity Prices**:

Volatility Risk: Since RBL loans are secured by natural resources, fluctuations in commodity prices (e.g., oil or minerals) can affect the government's ability to service the debt. A decline in resource prices reduces revenue, making it harder to meet fiscal obligations.

Impact on Budget Planning: Countries dependent on RBL may face challenges in long-term fiscal planning, as revenues tied to resource extraction are unpredictable. Governments may need to adjust public spending or borrowing when commodity prices fluctuate.

2. **Increased Debt Burden**:

Debt Accumulation: While RBL allows governments to raise funds without immediate tax increases or budget cuts, it can lead to high debt levels if loans are mismanaged or if resource revenues are overestimated.

Fiscal Sustainability: Poorly structured RBL agreements may lead to unsustainable debt, especially if governments underestimate repayment risks or future commodity price declines. This could lead to fiscal crises and austerity measures.

3. **Transparency and Accountability**:

Lack of Public Oversight: Often, RBL agreements are negotiated without public scrutiny, leading to questions about the fairness and terms of the deals. Lack of transparency can foster corruption, reduce accountability, and lead to inefficient use of funds.

Implications for Public Investment: If RBL funds are used inefficiently, it can result in missed opportunities for investment in critical areas such as infrastructure, healthcare, or education.

4. **Fiscal Flexibility**:

Limited Control over Revenue: Governments using RBL often have limited flexibility over resource revenues, as a portion is earmarked for debt repayment. This reduces fiscal space for other pressing needs, affecting social spending and public investments.

Pressure on Future Generations: RBL agreements may bind future governments to repayment obligations, reducing their fiscal flexibility and ability to invest in long-term development.

9.4. Reserve-Based Lending and Resource-Backed Loans

Resource-Based Borrowing and **Reserve-Based Lending (RBL)** are two distinct financing mechanisms often utilized by resource-rich countries or companies to access capital for development and operations. Although they are sometimes used interchangeably, they have specific characteristics and implications.

Resource-Based Borrowing

Definition: Resource-Based Borrowing refers to a country's practice of using its natural resources (such as oil, minerals, or gas) as collateral to secure loans. This can involve future revenue streams from these resources or physical assets themselves as a guarantee for borrowing funds from financial institutions.

Mechanism:

- **Sovereign Debt**: Countries enter into agreements with international lenders or financial institutions to receive loans, promising to repay with future revenues from their natural resources.
- **Physical Assets as Collateral**: In some cases, the physical assets (e.g., mineral deposits, oil reserves) themselves can be used as collateral.
- **Government Guarantees**: Often, the government guarantees these loans, tying national resources directly to debt obligations.

Advantages:

- **Access to Large Capital**: Enables countries to access significant amounts of capital for development, infrastructure, or economic stabilization.
- **Immediate Funding**: Provides immediate funds for urgent needs or large-scale projects without waiting for resource extraction and sales.

Disadvantages:

- **Debt Dependency**: Increases national debt and can lead to unsustainable debt levels if resource revenues fall short of expectations.
- **Resource Curse**: Over-reliance on natural resources for borrowing can exacerbate the "resource curse," leading to economic volatility and governance issues.
- **Fiscal Risk**: Fluctuations in commodity prices can impact the ability to service debt, increasing fiscal risk and economic instability.

Reserve-Based Lending (RBL)

Definition: Reserve-Based Lending (RBL) is a financing method primarily used in the oil and gas industry where loans are secured against the future production of a company's proven reserves. This type of lending focuses on the projected cash flow from the extraction of these reserves.

Mechanism:

- **Asset-Backed Financing**: Companies use their proven reserves as collateral to secure loans. The valuation of these reserves is conducted by independent engineers or experts.
- **Future Revenue Streams**: Lenders evaluate the future revenue potential from the reserves and determine the loan amount based on this assessment.

- **Loan Covenants**: RBL agreements often include covenants and conditions that the borrowing company must meet to maintain the loan, such as maintaining certain production levels or reserve quantities.

Advantages:

- **Tailored for Extractive Companies**: Specifically designed for companies in the extractive industries, providing them with the necessary capital for exploration, development, and production.
- **Production-Linked Repayment**: Loan repayments are linked to future production revenues, aligning the interests of both lenders and borrowers.
- **Flexible Financing**: Offers a flexible financing option that is directly tied to the company's core assets and revenue generation capacity.

Disadvantages:

- **Production Risk**: The company's ability to repay the loan is contingent on its ability to produce and sell the reserves as projected.
- **Commodity Price Volatility**: Fluctuations in commodity prices can impact the cash flow and the ability to service the debt.
- **Operational Challenges**: Requires stringent operational and financial management to ensure compliance with loan covenants and maintain production levels.

Key Differences

1. **Nature of Collateral**:
    - **Resource-Based Borrowing**: Typically involves future revenues from natural resources or physical assets as collateral.
    - **Reserve-Based Lending**: Uses the proven reserves of a company as collateral, with loan amounts based on projected future production and revenues.
2. **Borrower Type**:
    - **Resource-Based Borrowing**: Usually undertaken by sovereign states or governments.
    - **Reserve-Based Lending**: Generally used by private or public companies in the extractive industries (e.g., oil and gas companies).
3. **Purpose and Use**:
    - **Resource-Based Borrowing**: Often used to finance large-scale national projects, infrastructure development, or economic stabilization efforts.
    - **Reserve-Based Lending**: Specifically aimed at funding the exploration, development, and production activities of extractive companies.
4. **Risk Exposure**:
    - **Resource-Based Borrowing**: Exposes the nation to fiscal risks and potential economic instability due to debt dependency and commodity price volatility.
    - **Reserve-Based Lending**: Ties the repayment capacity to the company’s operational performance and market conditions, with production risks and price volatility being significant factors.
5. **Economic Impact**:
    - **Resource-Based Borrowing**: Can have broader economic implications for the country’s fiscal health and economic stability.

  - **Reserve-Based Lending**: Directly impacts the borrowing company's financial health and operational capabilities.

In summary, while both mechanisms involve leveraging natural resources to secure financing, they differ in their application, collateral basis, and the types of risks and advantages they present to the borrowers, whether they be nations or companies in the extractive sector.

10. REPORTING ON IFFS, PROGRESSIVE TAXATION AND DRM

10.1 Key Questions to Ask

- **Understanding the Issue**:
  - What are the main sources of IFFs in the context being reported?
  - How does progressive taxation contribute to DRM in this scenario?
  - What are the direct and indirect effects of these financial mechanisms on the local economy and society?
- **Investigating the Impact**:
  - How do IFFs affect government revenue and public service delivery?
  - In what ways does the current tax system address or fail to address income inequality?
  - What strategies are in place to enhance DRM, and how effective are they?
- **Assessing the Environment**:
  - What are the legislative and regulatory frameworks governing these issues?
  - How do administrative capacities and political factors influence the effectiveness of policies?

10.2 Sources and Data

- **Government Reports**: Budget documents, tax authority reports, and legislative texts.
- **International Organizations**: Publications from the World Bank, IMF, OECD, and FATF.
- **Non-Governmental Organizations (NGOs)**: Reports from transparency and anti-corruption organizations.
- **Think Tanks**: Policy analyses and research papers from economic and financial think tanks.
- **Academic Research**: Studies and papers from universities and research institutions.
- **Public Records and Databases**: Accessing public financial disclosures, corporate filings, and trade data.

10.3 Investigative Techniques

- **Following Money Trails**: Tracking the flow of funds through financial systems to identify illicit activities.

- **Analysing Trade Data**: Examining discrepancies in trade statistics to uncover trade mispricing and fraud.
- **Using Financial Disclosures**: Leveraging publicly available financial statements and disclosures to identify irregularities.
- **Data Journalism**: Utilizing data analysis tools to sift through large datasets and identify patterns indicative of IFFs.
- **Interviews and Whistleblower Testimonies**: Conducting interviews with experts, insiders, and whistleblowers to gain insights and evidence.

10.4 Ethical Considerations

- **Accuracy and Verification**: Ensuring all information is thoroughly verified before publication to maintain credibility.
- **Fairness and Balance**: Presenting all sides of an issue fairly, avoiding bias and ensuring balanced reporting.
- **Protection of Sources**: Safeguarding the identities and confidentiality of sources, especially whistleblowers and vulnerable informants.
- **Avoiding Defamation**: Being cautious to avoid unwarranted harm to individuals or organizations through false or unverified claims.

10.5 Administrative and Political Economy Environment

- **Access to Information**: Navigating bureaucratic hurdles and limited transparency to obtain necessary data and documents.
- **Legal Framework**: Understanding the legal protections and limitations for journalists reporting on sensitive financial issues.
- **Political Pressures**: Managing potential political pressures and threats when uncovering and reporting on powerful entities involved in IFFs.

11.INVESTIGATIVE JOURNALISIM

11.1. Investigative Skills When It comes To Tracing Illicit Financial Flows

Tracing illicit financial flows (IFFs) requires a combination of investigative skills that span data analysis, asset tracing, and open-source intelligence (OSINT) gathering. Each of these skills helps identify, monitor, and combat the movement of illicit funds across borders, often involving complex, multi-layered financial transactions designed to conceal the origin and destination of illegal money. Below is an exploration of the core investigative skills involved:

1. Data Analysis

a. Understanding Financial Data:

- Investigators must be able to interpret complex financial datasets that include transaction records, tax filings, bank statements, and trade data. They need to identify suspicious patterns such as round-trip transactions, unexplained deposits, and mismatches in import/export invoices.
- **Key Skills**:
  - Proficiency in data analysis tools like Excel, Python (pandas), and R to parse and filter through large volumes of data.
  - Familiarity with **forensic accounting** principles to detect discrepancies in financial reporting and tax evasion strategies.
  - Use of **statistical analysis** to identify outliers, trends, and anomalies in financial data that may suggest illicit activities.

b. Pattern Recognition and Red Flag Indicators:

- Investigators need to be able to recognize patterns in financial flows that suggest money laundering, profit shifting, or tax evasion. This may involve identifying red flag indicators such as:
  - Multiple transactions below reporting thresholds.
  - Unusual offshore payments to tax havens.
  - Use of shell companies and trusts.
- **Skills**:
  - Knowledge of **money laundering typologies** (e.g., layering, integration) and how funds are laundered through legitimate and illegitimate businesses.
  - Familiarity with **regulatory databases** (e.g., suspicious activity reports, currency transaction reports) to identify high-risk transactions.

c. Advanced Data Visualization:

- Investigators can use **data visualization tools** such as Tableau, Power BI, or Gephi to map out connections between financial entities (e.g., individuals, companies, accounts) and trace flows of funds across borders.
- **Skills**: The ability to create clear, intuitive visualizations that highlight the flow of illicit funds, expose hidden networks, and present complex findings to stakeholders (government agencies, law enforcement, media).

2. Asset Tracing

a. Identifying Ownership of Assets:

- Asset tracing is crucial for uncovering the ultimate beneficiaries of illicit funds. Investigators need to track the movement of assets such as properties, vehicles, stocks, bonds, and digital assets (e.g., cryptocurrencies).
- **Skills**:
  - Use of **property registries**, **corporate registries**, and **vehicle ownership databases** to track ownership records.
  - Tracing **offshore trusts** and shell companies, often through complex legal structures, to find the real owners.
  - Familiarity with **blockchain technology** to trace cryptocurrency transactions on public ledgers (e.g., Bitcoin, Ethereum).

b. Forensic Accounting:

- **Forensic accountants** are essential in reconstructing financial flows, especially when dealing with complex tax schemes and layered transactions. They can break down how illicit funds are disguised within legitimate businesses or investments.
- **Skills**:
  - Deep knowledge of corporate structures and how shell companies, offshore entities, and subsidiaries are used to hide assets.
  - Ability to conduct **lifestyle audits**, comparing declared income with actual assets and expenditures to identify inconsistencies that suggest hidden wealth.

c. International Collaboration:

- Many illicit financial flows cross multiple jurisdictions, making international cooperation critical. Investigators must work with international bodies like **Interpol**, the **Financial Action Task Force (FATF)**, and **OECD** to access financial data from other countries.
- **Skills**:
  - Knowledge of international regulations and conventions regarding **asset recovery** and financial transparency.
  - Ability to navigate legal frameworks and treaties that facilitate the sharing of financial information across borders (e.g., Mutual Legal Assistance Treaties).

3. Open-Source Intelligence (OSINT)

a. Mining Publicly Available Data:

- **OSINT** involves collecting and analysing information from publicly available sources, including online databases, news articles, social media, and company reports. Investigators use OSINT to piece together data that helps them uncover hidden assets, track money flows, and establish connections between individuals and illicit activities.
- **Skills**:
  - Using **advanced search techniques** on the web and within specific databases (e.g., corporate registries, government filings) to gather relevant information.
  - Familiarity with **data scraping tools** to extract large datasets from websites and automate the collection of financial information.
  - Knowledge of **domain name analysis** and online infrastructure to trace digital assets and online entities linked to illicit flows.

b. Social Media Investigations:

- Social media can provide insights into the lifestyles of individuals under investigation, especially those involved in laundering illicit money. Investigators can track real estate holdings, luxurious lifestyles, and connections between individuals.
- **Skills**:
  - Use of social media analytics tools (e.g., Maltego, Echosec) to gather data on individuals' social networks and identify patterns or anomalies.
  - Analyse **metadata from social media posts**, pictures, and shared information that might reveal the location of assets or connections to other illicit actors.

c. Corporate Ownership and Beneficial Ownership Investigation:

- Investigators need to uncover the **true beneficial owners** behind shell companies and offshore trusts that are often used to conceal illicit financial flows.
- **Skills**:
  - Expertise in using **corporate ownership databases** (e.g., Orbis, OpenCorporates) to trace connections between entities and individuals.
  - Investigating **Panama Papers**, **Paradise Papers**, or other leaked documents that provide insights into hidden ownership structures.

4. Using Specialized Tools and Platforms

a. Financial Crime Detection Software:

- There are specialized tools designed to detect IFFs. For example, **Palantir**, **Chainalysis** (for cryptocurrency tracking), and **World-Check** provide insights into financial flows and can flag suspicious activity.
- **Skills**: Mastering the use of such tools to automate the detection and investigation of illicit financial activities across multiple platforms and financial instruments.

b. Cross-Referencing with Sanctions Lists and Watch Lists:

- Investigators cross-reference transactions and individuals with global sanctions lists (e.g., the U.S. Treasury's **Office of Foreign Assets Control** list) to identify suspicious transactions related to politically exposed persons (PEPs) or organizations under sanctions.
- **Skills**: Use of **risk assessment software** that automatically checks names and transactions against these lists.

Conclusion

The combination of **data analysis**, **asset tracing**, and **open-source intelligence** is essential for tracing illicit financial flows. By using advanced analytical tools, OSINT techniques, and forensic accounting, investigators can uncover hidden financial networks, track the flow of illicit money across borders, and identify key individuals or organizations involved. Mastery of these investigative skills not only helps trace illegal activities but also aids in the recovery of assets and the enforcement of anti-money laundering regulations across the globe.

11.2. Legal And Ethical Considerations in Investigative Journalism

Investigative journalism plays a vital role in uncovering corruption, human rights abuses, and illicit financial flows (IFFs), often holding power accountable. However, it must be conducted with strict adherence to legal and ethical standards. Investigative journalists face complex dilemmas, particularly when navigating laws surrounding privacy, libel, defamation, and national security. Additionally, they must uphold ethical principles such as accuracy, fairness, and the protection of sources. Here's a closer look at the **legal and ethical considerations** in investigative journalism:

1. Legal Considerations

a. Defamation, Libel, and Slander

- **Defamation** refers to making a false statement that damages a person's reputation. If published in written form, it's termed **libel**; if spoken, it's called **slander**.

- **Journalistic Responsibility**: Investigative journalists must ensure that their reports are factually accurate to avoid defamation claims. If someone believes that false information published about them has harmed their reputation, they can sue for damages. This is especially pertinent in investigative journalism, where allegations of corruption or illegal activities can severely impact individuals and organizations (Kurtz, 2016).
- **Truth as a Defence**: In many legal systems, truth is an absolute defence against defamation. However, journalists must still ensure that their findings are well-documented and substantiated with evidence before publication to protect against libel lawsuits (Black et al., 2017).

b. Privacy and Surveillance Laws

- Investigative journalism sometimes requires journalists to gather information covertly or through methods like surveillance, undercover work, or recording private conversations. However, this can lead to legal complications regarding privacy.
- **Data Protection Laws**: With the rise of digital journalism, **data protection laws**, such as the European Union's **General Data Protection Regulation (GDPR)**, impose restrictions on how personal information can be gathered, stored, and shared. Journalists must navigate these regulations while ensuring they do not unlawfully invade privacy (Rolph et al., 2020).
- **Public Interest Defence**: In some cases, revealing private information can be justified if it is in the public interest, such as exposing corruption or abuse of power. Courts may weigh the **public's right to know** against an individual's right to privacy (Campbell, 2019).

c. Access to Information Laws

- **Freedom of Information (FOI)** laws are crucial tools for investigative journalists. FOI laws grant the public the right to access certain government records, promoting transparency and accountability. However, not all information is available, as **national security** or **classified information** may be exempt from disclosure (Ackerman & Sandoval-Ballesteros, 2006).
- **Challenges**: Government authorities may also delay or deny requests, using legal loopholes to avoid releasing sensitive documents. Journalists must be aware of their rights under FOI laws and be prepared to challenge denials legally (Gill, 2020).

d. Intellectual Property Rights

- Investigative journalists often rely on information published by others, including images, videos, and data, but must ensure they respect **copyright laws**. The unauthorized use of copyrighted materials could result in legal action (Samuelson, 2009).

- **Fair Use**: Journalists may invoke the doctrine of **fair use** when using copyrighted material for purposes such as criticism, commentary, news reporting, or education. However, they must understand the boundaries of this principle and ensure they don't overstep legal protections (Hirtle, 2016).

e. Whistleblower Protections and Legal Risks

- Investigative journalism frequently relies on **whistleblowers**—insiders who reveal confidential or incriminating information. **Whistleblower protection laws** in some jurisdictions safeguard these individuals from retaliation. However, if not properly protected, whistleblowers risk losing their jobs or facing criminal charges.
- **Journalists' Legal Responsibility**: Journalists must be aware of the legal protections for whistleblowers and may need to assist in protecting their anonymity. They also face the challenge of using leaked information while ensuring that doing so does not violate confidentiality laws or expose sources to legal danger (Lobel, 2012).

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2. Ethical Considerations

a. Accuracy and Fact-Checking

- One of the core ethical principles of investigative journalism is ensuring **accuracy**. Investigative stories often involve sensitive issues like corruption, crime, or abuse of power, and the consequences of publishing false or inaccurate information can be significant.
- **Fact-Checking**: Ethical journalism demands thorough fact-checking to confirm the accuracy of all claims and evidence presented. This may involve cross-referencing sources, reviewing documents, and consulting experts to avoid publishing incorrect information (Ward, 2018).

b. Fairness and Impartiality

- **Fair Reporting**: Investigative journalists must strive for fairness by presenting all sides of a story, even when reporting on controversial issues. This involves allowing subjects to respond to allegations and ensuring that stories are not biased or one-sided (Himelboim & McCreery, 2012).
- **Avoiding Sensationalism**: Ethical journalism also avoids sensationalizing information or exaggerating facts to draw attention. The focus should remain on the evidence and the public interest rather than dramatic storytelling for the sake of boosting readership (Christians et al., 2016).

c. Protection of Sources

- **Confidentiality**: Journalists have an ethical duty to protect the identity of their sources, particularly in cases where revealing the source could put them in danger. In investigative journalism, many sources risk their careers, reputations, or safety by providing sensitive information.
- **Source Anonymity**: In some cases, journalists may choose to grant **anonymity** to a source to protect them from retaliation. However, journalists must also ensure the reliability of anonymous sources and avoid using anonymity as a cover for false or unverifiable information (Harcup, 2015).

d. Conflict of Interest

- Investigative journalists must avoid conflicts of interest that could compromise their integrity or objectivity. This includes financial interests, relationships, or personal biases that could influence their reporting (Kovach & Rosenstiel, 2014).
- **Transparency**: Journalists should be transparent about any potential conflicts of interest that might affect the perception of their reporting. For example, if a journalist has personal or financial ties to a company or individual under investigation, they should disclose these relationships (Harcup, 2015).

e. Minimizing Harm

- Investigative journalism can have serious consequences for individuals and communities. Ethical journalists must consider the potential harm that their reporting might cause, such as reputational damage, job loss, or legal consequences.
- **Public Interest**: The ethical justification for exposing misconduct or corruption is the **public interest**. However, journalists must still weigh the potential harm to individuals involved against the benefits of public disclosure. For instance, exposing a minor violation by an individual may not be ethically justifiable if it causes significant harm (Christians et al., 2016).

f. Ethical Use of Undercover Techniques

- Sometimes, journalists go undercover to expose illegal activities or wrongdoing that would otherwise remain hidden. However, undercover reporting must be used cautiously, as it often involves deception.
- **Ethical Guidelines**: Undercover journalism is typically reserved for cases where there is no other way to obtain critical information and where the public interest outweighs the ethical concerns about deception. Journalists should exhaust all other options before resorting to undercover work (Ward, 2018).

Conclusion

Legal and ethical considerations are integral to the practice of investigative journalism. Journalists must navigate complex legal frameworks, such as defamation and privacy laws, while ensuring that their methods are both legally compliant and ethically sound. Upholding principles like accuracy, fairness, protection of sources, and minimizing harm is essential in maintaining the integrity of investigative journalism and its role as a watchdog for society. Balancing the public's right to know with the ethical and legal responsibilities of the profession ensures that investigative journalism serves its fundamental purpose of promoting transparency and accountability while adhering to ethical norms.

12.0. CASE STUDIES AND EXAMPLES ON REPORTING ON IFFs

12.1 Successful Reporting

Panama Papers:

Overview of the Investigation: The Panama Papers, released in 2016 by the International Consortium of Investigative Journalists (ICIJ), exposed a global network of offshore tax evasion and money laundering schemes. The investigation involved over 11.5 million documents leaked from Mossack Fonseca, a Panamanian law firm. These documents detailed how wealthy individuals, including politicians, celebrities, and business leaders, used offshore accounts to hide assets and evade taxes (Obermayer & Obermaier, 2016).

Impact on Policy and Politics: The revelations led to significant political fallout, including the resignation of Iceland's Prime Minister, investigations into prominent figures worldwide, and calls for stronger financial transparency and anti-corruption measures. Several countries implemented reforms to close legal loopholes that allowed such activities, highlighting the power of investigative journalism in driving policy change (Zucman, 2015).

Paradise Papers:

Examination of the Revelations: The Paradise Papers, another massive leak investigated by ICIJ in 2017, uncovered the offshore financial activities of some of the world's richest individuals and corporations. The 13.4 million documents revealed how companies like Apple and Nike used offshore schemes to avoid taxes, and how politicians and celebrities held secretive offshore accounts (ICIJ, 2017).

Impact on Public Awareness and Regulation: The Paradise Papers increased public awareness of the extent of tax avoidance and evasion facilitated by offshore financial centres. The investigation led to public outcry and calls for greater regulation of offshore finance, pushing several governments to reconsider their tax policies and strengthen their regulatory frameworks (Shaxson, 2011).

Local Success Stories:

Investigative Reports in Ghana: In Ghana, investigative journalism has also played a crucial role in exposing financial misconduct and influencing policy. For example, the work of journalists who uncovered mismanagement and corruption in public procurement has led to significant reforms in the procurement process. Additionally, investigations into illegal mining (galamsey) and its associated financial flows have raised public awareness and led to stricter enforcement of mining regulations (Anas, 2016).

Policy Changes and Public Awareness: These local success stories demonstrate the impact of investigative journalism in promoting transparency, accountability, and policy change within Ghana. By shining a light on issues such as illicit financial flows, tax evasion, and resource mismanagement, journalists have helped drive reforms that contribute to better governance and economic justice (Ghana Anti-Corruption Coalition, 2020).

12.2 International Networking

International Consortium of Investigative Journalists (ICIJ):

Introduction to Global Networks: The ICIJ is a global network of investigative journalists that facilitates cross-border collaborations on complex stories, such as the Panama Papers and Paradise Papers. Membership in such networks allows journalists to share resources, expertise, and data, making it possible to tackle large-scale investigations that would be difficult to undertake individually (ICIJ, 2021).

Role in Enhancing Reporting: Through its collaborative model, ICIJ has enabled journalists worldwide to uncover stories with global implications, from financial secrecy to human rights abuses. This model demonstrates the importance of international cooperation in enhancing the depth and impact of investigative reporting.

Collaborative Projects:

Examples of Successful Collaborations: Collaborative projects like the LuxLeaks, which exposed corporate tax avoidance in Luxembourg, and the FinCEN Files, which revealed global money laundering through major banks, highlight the power of cross-border journalism. These projects brought together journalists from multiple countries to piece together complex financial puzzles, leading to significant public and political reactions (Harding, 2016).

Impact on Global Reporting Standards: These collaborations have not only exposed wrongdoing but have also set new standards for investigative journalism. They demonstrate the importance of teamwork, data sharing, and collective action in holding powerful entities accountable.

Resources for Journalists:

Joining International Networks: Journalists interested in participating in global investigations can join networks like the ICIJ or the Global Investigative Journalism Network (GIJN). These organizations provide training, access to data, and a platform for collaboration on stories that cross national boundaries (GIJN, 2021).

Support and Training: These networks also offer resources for building technical skills, such as data journalism and financial analysis, which are crucial for reporting on complex financial issues. Additionally, they provide legal support and advocacy to protect journalists facing threats due to their work.

12.3 Challenges Faced

Access to Data:

Secrecy Laws and Transparency Issues: One of the primary challenges in investigating IFFs and related financial crimes is the lack of access to reliable data. Secrecy laws in offshore jurisdictions, limited transparency in government and corporate records, and the deliberate obfuscation of financial transactions make it difficult for journalists to obtain the necessary information to build their stories (Shaxson, 2011).

Overcoming Data Barriers: To overcome these barriers, journalists often rely on leaks, whistleblowers, and collaborations with data analysts and experts. However, even with these resources, obtaining comprehensive data remains a significant hurdle.

Legal Threats:

Risks of Litigation: Reporting on powerful individuals or organizations often exposes journalists to legal threats, including defamation lawsuits, gag orders, and other forms of litigation aimed at silencing their work. These legal challenges can be costly and time-consuming, deterring journalists from pursuing certain stories (ICIJ, 2017).

Strategies for Protection: To mitigate these risks, journalists may work with legal advisors, use encryption to protect their communications, and collaborate with international organizations that offer legal support and advocacy. Ensuring accurate, well-documented reporting is also crucial for defending against legal challenges.

Safety Concerns:

Physical Threats and Intimidation: Journalists investigating sensitive financial issues, especially those involving corruption and organized crime, may face physical threats, harassment, and intimidation. In some cases, journalists have been attacked or killed for their work, highlighting the dangers associated with this field (Committee to Protect Journalists, 2020).

Safety Measures: To protect themselves, journalists may take measures such as working anonymously, using secure communication tools, and partnering with international media outlets to increase visibility and reduce personal risk. Organizations like the Committee to Protect Journalists (CPJ) offer resources and support for journalists facing such threats.

Technical Expertise:

Need for Specialized Knowledge: Effective reporting on IFFs, progressive taxation, and DRM requires specialized knowledge in finance, economics, and data analysis. Journalists must be able to understand complex financial documents, analyse data sets, and identify patterns of illicit behaviour (GIJN, 2021).

Building Expertise: Journalists can build this expertise through training programs, workshops, and collaborations with experts in relevant fields. Investing in technical skills is essential for producing accurate and impactful investigative reports.

12.4 Administrative and Political Economy Environment

Institutional Barriers:

Navigating Bureaucratic Obstacles: Journalists often face bureaucratic obstacles when trying to access information from government agencies. These barriers can include lengthy delays in processing information requests, red tape, and a lack of cooperation from officials. Such obstacles hinder the ability of journalists to obtain timely and accurate data for their investigations (Transparency International, 2021).

Overcoming Bureaucratic Hurdles: To navigate these challenges, journalists may need to build relationships with insiders, use freedom of information laws strategically, and collaborate with civil society organizations that advocate for transparency and accountability.

Political Climate:

Impact on Reporting Freedom: The political environment can significantly affect the ability of journalists to report freely on financial matters. In countries where the government is hostile to the press or where press freedoms are restricted, journalists may face censorship, harassment, or even imprisonment for their work (Reporters Without Borders, 2021).

Adapting to Political Challenges: Journalists working in such environments must be adaptable and resourceful, often relying on international networks for support and protection. They may also need to use alternative platforms, such as social media or independent online outlets, to disseminate their findings.

Support Systems:

Identifying Support Mechanisms: Local and international organizations offer support to journalists facing challenges in their investigative work. This support can include legal assistance, financial aid, training, and protection measures. Examples include the Committee to Protect Journalists (CPJ), Reporters Without Borders (RSF), and the Rory Peck Trust, which provides grants and assistance to freelance journalists in crisis (CPJ, 2020).

Leveraging Support Networks: By connecting with these organizations, journalists can access the resources and backing they need to continue their work, even in the face of significant risks.

12.5. Case Studies on the Use of Investigative Journalism

Here are five case studies that demonstrate the use of investigative techniques like data analysis, asset tracing, and open-source intelligence (OSINT) to trace illicit financial flows (IFFs):

1. The Panama Papers Leak (2016)

Techniques Used:

- **Data Analysis**: The Panama Papers involved the analysis of over **11.5 million leaked documents** from the Panamanian law firm Mossack Fonseca. Investigative journalists analysed these documents to trace hidden wealth, tax avoidance schemes, and the use of offshore companies.
- **Open-Source Intelligence (OSINT)**: Journalists cross-referenced the leaked data with publicly available corporate registries, news reports, and public records to identify the individuals behind shell companies. They also used social media to expose the lavish lifestyles of the individuals involved, helping to demonstrate the use of illicit funds.
- **Asset Tracing**: Investigators were able to trace the ownership of luxury properties, yachts, and private jets, which had been purchased through offshore shell companies. The assets linked to prominent political figures and businesspeople were uncovered, showing a clear trail of illicit funds.

Outcome:

The Panama Papers leak led to several investigations around the world, with governments recovering millions of dollars in unpaid taxes and prosecuting individuals for money laundering and tax evasion. The leak highlighted how offshore entities were used to hide assets and avoid taxes, prompting stricter regulations on beneficial ownership transparency.

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2. Danske Bank Money Laundering Scandal (2018)

Techniques Used:

- **Data Analysis**: Investigators used advanced data analytics to sift through over **€200 billion in suspicious transactions** that flowed through Danske Bank's Estonian branch. Automated systems flagged unusual patterns, such as large transfers to offshore companies and countries known for money laundering risks (e.g., Russia).
- **Asset Tracing**: Authorities traced illicit flows through a web of shell companies and offshore accounts. The funds were used to purchase real estate in Western Europe, luxury goods, and high-end art, exposing the final beneficiaries of the laundered money.
- **Cross-Referencing with Sanctions Lists**: Investigators identified politically exposed persons (PEPs) and companies connected to individuals on international sanctions lists, indicating that the funds were being used to bypass global financial regulations.

Outcome:

The investigation revealed that the bank had failed to comply with anti-money laundering regulations. As a result, Danske Bank faced significant fines, and senior executives were forced to resign. The scandal also triggered a broader examination of the role of European banks in facilitating illicit financial flows.

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3. 1MDB Scandal (Malaysia, 2015)

Techniques Used:

- **Data Analysis**: Financial forensic experts and international law enforcement agencies, such as the U.S. Department of Justice (DOJ), analysed bank records and wire transfers that revealed how **$4.5 billion** was siphoned from the Malaysian sovereign wealth fund 1MDB. These funds were funnelled through multiple international bank accounts to avoid detection.
- **Asset Tracing**: Authorities traced the embezzled funds to the purchase of high-profile assets, including luxury properties in Los Angeles, New York, and London, as well as

artwork by Picasso and Basquiat. The funds were also used to finance the production of the Hollywood film *The Wolf of Wall Street*.

- **Open-Source Intelligence (OSINT)**: Investigators and journalists used publicly available information and media coverage to trace the lavish lifestyle of individuals linked to the scandal, including Malaysian financier Jho Low, who purchased luxury yachts and threw extravagant parties using the stolen funds.

Outcome:

Multiple lawsuits were filed, assets were seized, and several individuals, including Jho Low and former Malaysian Prime Minister Najib Razak, were implicated. Investigations are ongoing in multiple countries, and billions of dollars' worth of assets have been recovered.

1. Ghana - The Agyapa Royalties Scandal (2020)

Techniques Used:

- **Data Analysis**: In the Agyapa Royalties deal, Ghana's government proposed listing part of its gold mining royalties on the London Stock Exchange through a special-purpose vehicle (SPV) called Agyapa Royalties Ltd. Civil society organizations and investigative journalists analyzed the financial structure and agreements, raising concerns about transparency and the potential for IFFs.
- **Open-Source Intelligence (OSINT)**: Investigators used publicly available data from corporate filings, stock exchange reports, and government documents to trace ownership structures and the potential beneficiaries of the deal. OSINT helped uncover links between government officials and the entities involved in structuring the agreement.
- **Whistleblower Reports**: Internal government reports and whistleblowers raised red flags regarding the lack of transparency and public oversight, leading to calls for a more thorough investigation into the potential for corrupt practices and money laundering.

Outcome:

Public pressure from civil society, investigative journalists, and opposition parties led to a freeze on the Agyapa Royalties deal. The Special Prosecutor in Ghana, who was investigating the deal for potential corruption, resigned, citing interference. The case remains controversial, and discussions about transparency in resource management continue in Ghana.

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2. Nigeria - The Abacha Loot (1990s-2000s)

Techniques Used:

- **Asset Tracing**: Nigeria’s former military ruler, General Sani Abacha, was accused of embezzling **over $5 billion** from the Nigerian state during his rule. Investigators traced the funds to multiple offshore accounts in Switzerland, Luxembourg, and other jurisdictions. Assets purchased with the stolen funds included luxury properties, private jets, and investments abroad.
- **International Cooperation**: Nigerian authorities worked with the Swiss government and other international partners to trace and freeze Abacha’s accounts. Mutual Legal Assistance Treaties (MLATs) allowed for the recovery of assets, while Swiss banks were pressured to disclose account holders.
- **Forensic Accounting**: Investigators reconstructed complex financial transactions used to launder money through shell companies and front organizations. Forensic accounting techniques were essential in linking the laundered funds back to Abacha and his associates.

Outcome:

A significant portion of the funds—more than **$1 billion**—was repatriated to Nigeria. The repatriated funds were earmarked for public projects, but questions about their proper use remain. The Abacha case remains one of the most famous examples of grand corruption and asset recovery in Africa.

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3. South Africa - The Gupta Family and State Capture (2010s)

Techniques Used:

- **Data Analysis**: Investigators analysed contracts, financial statements, and government spending to uncover the **"state capture"** scheme involving the Gupta family, which was closely linked to former President Jacob Zuma. The Guptas were accused of using their political connections to secure government contracts and influence appointments in state-owned enterprises.
- **Asset Tracing**: Investigators traced illicit proceeds from the Guptas' involvement in state contracts to luxury properties, businesses, and bank accounts in South Africa, Dubai, and India. The funds were often funnelled through shell companies and trusts to hide the true beneficiaries.
- **Open-Source Intelligence (OSINT)**: Journalists and civil society organizations used OSINT to investigate the business dealings of the Guptas, highlighting conflicts of interest and

instances where public resources were diverted for private gain. Leaked emails (the "Gupta Leaks") provided additional evidence, revealing how government contracts were rigged in their favour.

Outcome:

The scandal led to President Jacob Zuma's resignation, and the Guptas fled South Africa. Multiple investigations into their business dealings are ongoing, and asset recovery efforts continue, with some of their properties being seized. The term "state capture" has become synonymous with the deep level of corruption and the influence of private interests in public governance.

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4. Mozambique - The Hidden Debt Scandal (2016)

Techniques Used:

- **Data Analysis**: Mozambique's government secretly borrowed more than **$2 billion** through state-backed loans to fund maritime projects. Investigators uncovered that much of the money never made it to its intended purpose. Data analysis of the loan agreements and the financial flows revealed inflated contracts and funds siphoned off through intermediaries.
- **International Cooperation**: Investigators worked with international financial institutions and law enforcement agencies to track the flow of funds through Swiss and Emirati banks. Global watchdog organizations, such as Transparency International, flagged the deal, bringing it to international attention.
- **Asset Tracing**: Authorities traced part of the funds used for kickbacks and bribes to high-ranking Mozambican officials and international bankers. These funds were used to purchase luxury properties and fund personal investments.

Outcome:

The loans plunged Mozambique into an economic crisis, and international donors froze aid to the country. Several individuals, including bankers and Mozambican officials, were indicted in multiple jurisdictions. Mozambique continues to struggle with the economic fallout from the scandal, and recovery of assets is still ongoing.

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5. DRC - Dan Gertler's Mining Deals (2000s-2010s)

Techniques Used:

- **Open-Source Intelligence (OSINT)**: Investigative journalists and NGOs, such as Global Witness, used OSINT to expose how Israeli billionaire Dan Gertler secured lucrative mining contracts in the Democratic Republic of the Congo (DRC) at a fraction of their market value. Publicly available corporate filings, stock exchange disclosures, and financial reports were cross-referenced with government records to reveal underpriced asset sales.

- **Data Analysis**: Investigators analysed financial data and mining contract details, revealing that the DRC had lost over **$1.3 billion** in potential revenue due to underpriced sales of state-owned mining assets. The undervaluation benefited Gertler and his associates but deprived the DRC of crucial public revenue.
- **Sanctions and Asset Tracing**: The U.S. Treasury imposed sanctions on Gertler under the **Global Magnitsky Act**, which targets human rights abuses and corruption. This allowed investigators to freeze some of his assets, including bank accounts and shares in companies. Asset tracing efforts are ongoing to recover money linked to these corrupt deals.

Outcome:

The investigation prompted calls for more transparency in the DRC's natural resource sector, and Gertler was blacklisted by the U.S. government. While some of his assets were frozen, the broader issue of corruption in the mining sector in the DRC remains a challenge.

Conclusion

These case studies from Ghana, Nigeria, South Africa, Mozambique, and the DRC illustrate how a combination of investigative techniques—such as **data analysis**, **asset tracing**, and **open-source intelligence (OSINT)**—can be applied to combat illicit financial flows. These cases also highlight the importance of **international cooperation**, **forensic accounting**, and **whistleblower reports** in exposing corruption and recovering stolen assets in Africa.

13. RESOURCES AND FURTHER READING

13.1 Toolkits and Guidelines

Investigative Reporting Toolkits:

- **Global Investigative Journalism Network (GIJN) Toolkit**: A comprehensive guide offering tools, techniques, and methodologies for conducting in-depth investigations into financial flows, taxation, and corruption. It includes sections on data journalism, interviewing techniques, and accessing financial records (GIJN, 2021).

- **ICIJ's Offshore Leaks Database**: A resource for investigating offshore entities and understanding the complex structures used for tax evasion and money laundering. This database is a key tool for journalists looking to trace illicit financial activities (ICIJ, 2021).
- **Transparency International's Corruption Reporting Toolkit**: This toolkit provides guidelines for uncovering and reporting on corruption, with a focus on tracking the flow of money and exposing conflicts of interest in both public and private sectors (Transparency International, 2021).

Training Programmes:

- **Thomson Reuters Foundation Training**: Offers workshops and online courses specifically designed for journalists covering finance, economics, and tax-related issues. These programs help journalists enhance their skills in investigative reporting and data analysis (Thomson Reuters Foundation, 2021).
- **Knight Centre for Journalism in the Americas**: Provides online courses on data journalism, financial investigations, and digital security, equipping journalists with the skills necessary to report on complex economic issues (Knight Centre, 2021).
- **International Centre for Journalists (ICFJ) Training**: ICFJ offers training sessions that cover economic reporting, the use of digital tools for journalism, and best practices for investigative reporting on financial crimes (ICFJ, 2021).

Online Platforms:

- **Data wrapper**: An online tool for creating interactive charts, maps, and tables, which can be used to visualize data related to IFFs, taxation, and public revenue. This platform is particularly useful for journalists looking to present complex data in an accessible format (Data wrapper, 2021).
- **Kaggle**: A platform offering datasets and data analysis tools that can be used to explore trends in financial flows, tax compliance, and economic indicators. Kaggle also hosts competitions and community forums where journalists can collaborate with data scientists (Kaggle, 2021).
- **ProtonMail**: A secure email service that provides end-to-end encryption, ideal for journalists who need to communicate securely with sources and collaborators during investigations (ProtonMail, 2021).

What Data Can Journalists Use to Assess Financial Secrecy Around RBL?

The more powerful have a way to may nonsense of our efforts to hold them accountable. For example, a former British prime minister had this to say:

> *"The truth is that the FOI Act isn't used, for the most part, by 'the people'. It's used by journalists. For political leaders, it's like saying to someone who is hitting you over the head with a stick, 'Hey, try this instead', and handing them a mallet. The information is neither sought because the journalist is curious to know, nor given to bestow knowledge*

on 'the people'. It's used as a weapon.' (Former British prime minister Tony Blair in his memoirs *The Journey* 2005 p. 517)

What would the Journalism profession do without the ability to access information held by government agencies?

What would they do without state and sub-national Freedom of Information laws?

Exercising one's right to information is the oxygen for democracy. It is fundamental to the realisation of economic, social and political rights and in facilitating people's ability to make informed decisions about their lives. Many countries have passed Right To Information laws, some with Whistle-blower legislation and protection of informants accompanying the RTI. But most are not effective. FOI Audits are a great way to monitor FOI compliance, build a group of journalists who have come up close and personal with FOI laws and demonstrate, once and for all, the weaknesses in state FOI laws.

WHY RIGHT TO INFORMATION?

It is increasingly recognised as a prerequisite for democracy and accountability of governments and as a means of safeguarding citizens against mismanagement and corruption. The right to information is internationally protected in Article 19 of both the universal Declaration of Human Rights (uDHR) and the International Covenant on Civil and Political Rights (ICCPR). On the African continent, it is codified in:

• Article 9 of the African Charter on Human and Peoples' Rights

• Article 19 of the African Charter on Democracy, Elections and governance

• Articles 9 and 12(4) of the African Union Convention on Preventing and Combating Corruption

• Articles 10(3d) and 11(2i) of the African Union Youth Charter

• Article 6 of the African Charter on Values and Principles of Public Service and Administration

• Article 3 of the African Statistics Charter

DATA SOURCES FOR INVESTIGATIVE JOURNALISM

- **Key Data Sources**

1. **Corporate Filings and Financial Statements**
    1. Annual reports, balance sheets, income statements, and cash flow statements of oil and gas companies.

2. These documents provide insights into the financial health of a company, its revenue streams, and its debt obligations.

2. **Regulatory Filings**

   1. Filings with securities regulators (e.g., SEC in the U.S.) can contain detailed information about loans, including RBL facilities, and financial dealings.

   2. Companies listed on stock exchanges are required to disclose significant financial transactions and material risks.

3. **Public Registries and Databases**

   1. **Company Registers**: Information about company ownership, directorship, and financial status.

   2. **Beneficial Ownership Registers**: Data on the true owners of companies, which can help uncover hidden connections and financial secrecy.

4. **Industry Reports**

   1. Reports by industry analysts, financial institutions, and consultancy firms that provide detailed analyses of the oil and gas sector and financing structures.

   2. **Natural Resource Governance Institute** and **Extractive Industries Transparency Initiative (EITI)** reports.

5. **Leaked Documents and Investigative Databases**

   1. Leaks such as the Panama Papers, Paradise Papers, and other investigative resources that reveal hidden financial dealings.

   2. Databases like the International Consortium of Investigative Journalists (ICIJ).

6. **Government and Multilateral Agency Reports**

   1. Reports from agencies like the International Monetary Fund (IMF), World Bank, and regional development banks that provide economic data and insights on financial flows.

   2. Local government reports on resource revenue management and audits.

7. **Trade Data**

   1. Import and export data that can reveal discrepancies and potential trade mispricing.

   2. Customs declarations and trade flow reports.

FOLLOW THE MONEY

- To follow the money, one needs to understand the power dynamics around the issue and how to read and interpret company financial statements
- Understanding a company's books helps you know which questions to ask about a company's operations and business dealings, allowing you to look beyond the press releases.
- If a company is publicly traded — its shares are bought and sold on a stock market — it must file extensive documentation with the Securities and Exchange Commission (SEC), a U.S. government body.
- The SEC was set up after the Great Depression and tasked with overseeing capital markets, ensuring transparency, fairness and protecting investors against fraud
- Almost all countries have their own SEC. In Ghana it is called the Security and Excahnge Commission
- SECs provide registration information, financial statements and other information through its EDGAR (electronic, data gathering, analysis and retrieval) database.

FOLLOW THE MONEY 2

- **Tracing Financial Flows**
    - Investigating the movement of money through bank transfers, financial statements, and other transactional records.
    - Using forensic accounting techniques to track illicit financial flows.
- **Shell Companies and Offshore Accounts**
    - Identifying and analyzing shell companies and offshore accounts used to obscure financial transactions.
    - Utilizing beneficial ownership registers and leaked documents to uncover hidden entities.
- **Cross-Border Transactions**
    - Examining international transactions and trade data to identify discrepancies that may indicate money laundering or tax evasion.
- **Collaborative Investigations**
    - Working with international journalism networks and organizations to share data and insights.

- Participating in collaborative projects like those led by ICIJ to pool resources and expertise.

BASIC TOOLS TO INTERPRET COMPANY ACCOUNTS

Financial Ratios

- **Liquidity Ratios**: Current ratio, quick ratio to assess short-term financial health.
- **Profitability Ratios**: Net profit margin, return on assets (ROA), return on equity (ROE) to understand profitability.
- **Leverage Ratios**: Debt-to-equity ratio, interest coverage ratio to evaluate the level of debt and financial risk.
- **Trend Analysis**
- Comparing financial data over multiple periods to identify trends, growth patterns, or anomalies.

Comparative Analysis

- Benchmarking a company's performance against industry peers or sector averages.
- **Cash Flow Analysis**
- Evaluating the cash flow from operating activities, investing activities, and financing activities to understand the company's liquidity and cash management.

THE BASIC ACCOUNTING EQUATION

- ASSETS = LIABILITIES + OWNER'S EQUITY
- Assets are anything a company owns with quantifiable value.
- Liabilities refer to money a company owes to a debtor, such as outstanding payroll expenses, debt payments, rent and utility, bonds payable, and taxes.
- Owners' equity refers to the net worth of a company. It's the amount of money that would be left if all assets were sold and all liabilities paid. This money belongs to the shareholders, who may be private owners or public investors.
- Alone, the balance sheet doesn't provide information on trends, which is why you need to examine other financial statements, including income and cash flow statements, to fully comprehend a company's financial position.

THE THREE KEY FINANCIAL STATEMENT DOCUEMENTS

- A company's **audited annual report** — its 10-K — includes data and information on the company's performance, including its organization, history, equity, earnings, subsidiaries and more.
- **The income statement** reports on a company's performance over a given period, including revenues and expenses, inflows and outflows
- **The balance sheet** reports on a company's financial situation at a single point in time. This statement will include assets, liabilities and equity (assets = liabilities + equity). At the Times:
- Assets: Cash, cash equivalents and marketable securities — these are liquid.
- Property, plant and equipment (PP&E) these are not liquid.
- Liabilities: Total debt and capital lease obligations — what the company owes.
- Equities: Total the Company stockholders' equity — what the company is worth to its shareholders.

THE INCOME STATEMENT

- Income statements typically include the following information:
    - **Revenue**: The amount of money a business takes in
    - **Expenses**: The amount of money a business spends
    - **Costs of goods sold** (COGS): The cost of component parts of what it takes to make whatever a business sells
    - **Gross profit**: Total revenue less Cost of Goods and Services (COGS)
    - **Operating income**: Gross profit less operating expenses
    - **Income before taxes**: Operating income less non-operating expenses
    - **Net income**: Income before taxes less taxes
    - **Earnings per share** (EPS): Division of net income by the total number of outstanding shares
    - Depreciation: The extent to which assets (for example, aging equipment) have lost value over time
    - **EBITDA**: Earnings before interest, taxes, depreciation, and amortization

THE CASH-FLOW STATEMENT

- The purpose of a cash flow statement is to provide a detailed picture of what happened to a business's cash during a specified duration of time, known as the accounting period.
- It demonstrates an organization's ability to operate in the short and long term, based on how much cash is flowing into and out of it.
- Cash flow statements are broken into three sections: Cash flow from operating activities, cash flow from investing activities, and cash flow from financing activities.
- Operating activities detail cash flow that's generated once the company delivers its regular goods or services, and includes both revenue and expenses.
- Investing activity is cash flow from purchasing or selling assets—usually in the form of physical property, such as real estate or vehicles, and non-physical property, like patents—using free cash, not debt. Financing activities detail cash flow from both debt and equity financing.

THE ANNUAL REPORT -HOW TO READ

- An annual report is a publication that public corporations are required to publish annually to shareholders to describe their operational and financial conditions.
- Annual reports often incorporate editorial and storytelling in the form of images, infographics, and a letter from the CEO to describe corporate activities, benchmarks, and achievements.
- They provide investors, shareholders, and employees with greater insight into a company's mission and goals, compared to individual financial statements.
- Beyond the editorial, an annual report summarizes financial data and includes a company's income statement, balance sheet, and cash flow statement.
- It also provides industry insights, management's discussion and analysis (MD&A), accounting policies, and additional investor information.
- In addition to an annual report, the US Securities and Exchange Commission (SEC) requires public companies to produce a longer, more detailed 10-K report, which informs investors of a business's financial status before they buy or sell shares.

TO SUMMARISE

- Reviewing and understanding these financial documents can provide you with valuable insights about a company, including:

- Its debts and ability to repay them
    - Profits and/or losses for a given quarter or year
    - Whether profit has increased or decreased compared to similar past accounting periods
    - The level of investment required to maintain or grow the business
    - Operational expenses, especially compared to the revenue generated from those expenses

RESOURCES ON THE WEB FOR JOURNALISTS

- **Other helpful resources:**
- The SEC has a guide to financial statements for beginners.
- Investopedia is a popular resource among MBA students.
- Duke Professor Campbell Harvey's Hypertextual Finance Glossary claims to be the largest financial glossary on the internet.
- *The Economist* has an excellent online glossary of economics terms.
- Journalism.co.uk has a primer on starting out in financial journalism

Computer-Assisted Reporting and Data Journalism

1. **Data Collection Tools**
    1. **Web Scraping**: Tools like Beautiful Soup, Scrapy, and Import.io to gather data from websites.
    2. **APIs**: Accessing financial databases and public records through Application Programming Interfaces.
2. **Data Analysis Tools**
    1. **Spreadsheets**: Excel, Google Sheets for basic data analysis and visualization.
    2. **Data Analysis Software**: R, Python (pandas, NumPy) for more advanced data manipulation and analysis.
    3. **Visualization Tools**: Tableau, Power BI, and D3.js for creating interactive visualizations.
3. **Database Management**
    1. Using SQL databases to manage and query large datasets.
4. **Geospatial Analysis**
    1. Tools like QGIS or ArcGIS for mapping and analysing geographical data related to resource extraction and financial flows.

Case Study: Investigating Financial Secrecy in Ghana's Oil Sector

1. Gathering Data:
    - Collect annual reports and financial statements of major oil companies operating in Ghana.
    - Access regulatory filings with the Securities and Exchange Commission (SEC) of USA, and local regulatory bodies like the Registrar of Companies of Ghana and Ghana's SEC.
    - Obtain industry reports from the EITI and Natural Resource Governance Institute.
    - Utilize leaked documents and investigative databases.
2. Analysing Data:
    - Use financial ratios and trend analysis to assess the financial health and performance of these companies.
    - Compare reported revenues and production figures with trade data to identify discrepancies.
    - Map the flow of funds using geospatial tools to visualize the movement of money.
3. Reporting Findings:
    - Create detailed reports and interactive visualizations to communicate findings to the public.

- Collaborate with other journalists and organizations to broaden the impact of the investigation.

Filtering the Flow of Data

When information was scarce, most of our efforts were devoted to hunting and gathering. Now that information is abundant, processing is more important. We process at two levels: (1) analysis to bring sense and structure out of the never-ending flow of data and (2) presentation to get what is important and relevant into the consumer's head. Like science, data journalism discloses its methods and presents its findings in a way that can be verified by replication.

New Approaches to Storytelling

Data journalism is an umbrella term that, to my mind, encompasses an ever-growing set of tools, techniques and approaches to storytelling. It can include everything from traditional computer-assisted reporting (using data as a 'source') to the most cutting-edge data visualization and news applications. The unifying goal is a journalistic one: providing information and analysis to help inform us all about important issues of the day.

Like Photojournalism with a Laptop

Data journalism' only differs from 'words journalism' in that we use a different kit. We all sniff out, report, and relate stories for a living. It is like 'photojournalism'; just swap the camera for a laptop.

Data Journalism is the Future

Data-driven journalism is the future. Journalists need to be data-savvy. It used to be that you would get stories by chatting to people in bars, and it still might be that you will do it that way sometimes. But now it is also going to be about poring over data and equipping yourself with the tools to analyze it and picking out what is interesting. And keeping it in perspective, helping people out by really seeing where it all fits together, and what's going on in the country.

Number-Crunching Meets Wordsmithing

Data journalism is bridging the gap between stat technicians and wordsmiths. Locating outliers and identifying trends that are not just statistically significant, but relevant to de-compiling the inherently complex world of today.

Updating Your Skills Set

Data journalism is a new set of skills for searching, understanding and visualizing digital sources in a time that basic skills from traditional journalism just aren't enough. It's not a replacement of traditional journalism, but an addition to it. In a time where sources go digital, journalists can and have to be closer to those sources. The Internet opened possibilities beyond our current understanding. Data journalism is just the beginning of evolving our past practices to adapt to the online.

Data journalism serves two important purposes for news organizations: finding unique stories (not from news wires) and execute your watchdog function. Especially in times of financial peril, these are important goals for newspapers to achieve. From the standpoint of a regional newspaper, data journalism is crucial. We have the saying 'a loose tile in front of your door is considered more important than a riot in a far-away country'. It's hits you in the face and impacts your life more directly. At the same time, digitisation is everywhere. Because local newspapers have this direct impact in their neighbourhood and sources become digitalised, a journalist must know how to find, analyze and visualise a story from data.

A Remedy for Information Asymmetry

Information asymmetry — not the lack of information, but the inability to take in and process it with the speed and volume that it comes to us — is one of the most significant problems that citizens face in making choices about how to live their lives. Information taken in from print, visual and audio media influence citizens' choices and actions. Good data journalism helps to combat information asymmetry.

An Answer to Data-driven PR

The availability of measurement tools and their decreasing prices, in a self-sustaining combination with a focus on performance and efficiency in all aspects of society, have led decision-makers to quantify the progresses of their policies, monitor trends and identify opportunities. Companies keep coming up with new metrics showing how well they perform.

Politicians love to brag about reductions in unemployment numbers and increases in GDP. The lack of journalistic insight in the Enron, Worldcom, Madoff or Solyndra affairs is proof of many a journalist's inability to clearly see through numbers.

Figures are more likely to be taken at face value than other facts as they carry an aura of seriousness, even when they are entirely fabricated. Fluency with data will help journalists sharpen their critical sense when faced with numbers and will hopefully help them gain back some terrain in their exchanges with PR departments.

Providing Independent Interpretations of Official Information

After the devastating earthquake and subsequent Fukushima nuclear plants disaster in 2011, the importance of data journalism has been driven home to media people in Japan, a country which is generally lagging behind in digital journalism. People were at a loss when the government and experts had no credible data about the damage. When officials hid SPEEDI data (predicted diffusion of radioactive materials) from the public, they were not prepared to decode it even if it were leaked. Volunteers began to collect radioactive data by using their own devices, but we were not armed with the knowledge of statistics, interpolation, visualization and so on. Journalists need to have access to raw data, and to learn not to rely on official interpretations of it.

Dealing with the Data Deluge

The challenges and opportunities presented by the digital revolution continue to disrupt journalism. In an age of information abundance, journalists and citizens alike all need better tools, whether we are curating the samizdat of the 21st century in the Middle East, processing a late night data dump, or looking for the best way to visualise water quality for a nation of consumers. As we grapple with the consumption challenges presented by this deluge of data, new publishing platforms are also empowering everyone to gather and share data digitally, turning it into information. While reporters and editors have been the traditional vectors for information gathering and dissemination, the flattened information environment of 2012 now has news breaking first online, not on the news desk.

Around the globe, in fact, the bond between data and journalism is growing stronger. In an age of big data, the growing importance of data journalism lies in the ability of its practitioners to provide context, clarity and, perhaps most important, find truth in the expanding amount of digital content in the world. That does not mean that the integrated media organizations of today do not play a crucial role. Far from it. In the information age, journalists are needed more than ever to curate, verify, analyze and synthesise the wash of data. In that context, data journalism has profound importance for society.

Today, making sense of big data, particularly unstructured data, will be a central goal for data scientists around the world, whether they work in newsrooms, Wall Street or Silicon Valley. Notably, that goal will be substantially enabled by a growing set of common tools, whether they're employed by government technologists opening Chicago, healthcare technologists or newsroom developers.

Our Lives are Data

Good data journalism is hard, because good journalism is hard. It means figuring out how to get the data, how to understand it, and how to find the story. Sometimes there are dead ends, and sometimes there's no great story. After all if it were just a matter of pressing the right button, it wouldn't be journalism. But that's what makes it worthwhile, and — in a world where our lives are increasingly data — essential for a free and fair society.

A Way to Save Time

- Journalists don't have time to waste transcribing things by hand and messing around trying to get data out of PDFs, so learning a little bit of code, or knowing where to look for people who can help, is incredibly valuable.
- One reporter from Folha de São Paulo was working with the local budget and called me to thank us for putting up the accounts of the municipality of São Paolo online (two days work from a single hacker!).
- He said he had been transcribing them by hand for the past three months, trying to build up a story.
- I also remember solving a 'PDF issue' for 'Contas Abertas', a parliamentary monitoring news organisation: 15 minutes and 15 lines of code solved a months' worth of work.

An Essential Part of the Journalists' Toolkit

It is important to stress the "journalism" or reporting aspect of 'data journalism'. The exercise should not be about just analysing data or visualizing data for the sake of it, but to use it as a tool to get closer to the truth of what is going on in the world. I see the ability to be able to analyse and interpret data as an essential part of today's journalists' toolkit, rather than a separate discipline. Ultimately, it is all about good reporting and telling stories in the most appropriate way.

Data journalism is another way to scrutinise the world and hold the powers that be to account. With an increasing amount of data available, now more than ever it is important that journalists are of aware of data journalism techniques. This should be a tool in the toolkit of any journalist: whether learning how to work with data directly or collaborating with someone who can. Its real power is in helping you to obtain information that would otherwise be very difficult to find or to prove.

A good example of this is Steve Doig's story that analysed damage patterns from Hurricane Andrew. He joined two different datasets: one mapping the level of destruction caused by the hurricane and one showing wind speeds. This allowed him to pinpoint areas where weakened building codes and poor construction practices contributed to the impact of the disaster. He won a Pulitzer Prize for the story in 1993, and it is great inspiration of what is possible. Ideally you use the data to pinpoint outliers, areas of interest, or things which are surprising. In this sense data can act as a lead or a tip off. While numbers can be interesting, just writing about the data is not enough. You still need to do the reporting to explain what it means.

Adapting to Changes in Our Information Environment

New digital technologies bring new ways of producing and disseminating knowledge in society. Data journalism can be understood as the media's attempt to adapt and respond to the changes in our information environment — including more interactive, multi-dimensional storytelling, enabling readers to explore the sources underlying the news and encouraging them to participate in the process of creating and evaluating stories.

A Way to See Things You Might Not Otherwise See

Some stories can only be understood and explained through analysing — and sometimes visualizing — the data. Connections between powerful people or entities would go unrevealed, deaths caused by drug policies that would remain hidden, environmental policies that hurt our landscape would continue unabated. But each of the above was changed because of data that journalists have obtained, analysed and provided to readers. The data can be as simple as a basic spreadsheet or a log of cell phone calls, or complex as school test scores or hospital infection data, but inside it all are stories worth telling.

A Way To Tell Richer Stories

We can paint pictures of our entire lives with our digital trails. From what we consume and browse, to where and when we travel, to our musical preferences, our first loves, our children's milestones, even our last wishes – it all can be tracked, digitised, stored in the cloud and disseminated. This universe of data can be surfaced to tell stories, answer questions and impart an understanding of life in ways that is currently surpassing even the most rigorous and careful reconstruction of anecdotes.

13.2 Glossary of Terms

Key Terms Related to IFFs:

- **Tax Evasion**: The illegal practice of not paying taxes by not reporting all taxable income or by taking unallowed deductions. Tax evasion is a major contributor to IFFs (OECD, 2015).
- **Money Laundering**: The process of concealing the origins of money obtained illegally, typically by means of transfers involving foreign banks or legitimate businesses (FATF, 2020).
- **Trade Mispricing**: The manipulation of prices of goods or services between related parties to transfer profits across borders, often to avoid taxes (Cobham & Jansky, 2018).

- **Corruption**: The abuse of entrusted power for private gain, which can include bribery, embezzlement, and nepotism, often facilitating IFFs (Transparency International, 2021).

Key Terms Related to Progressive Taxation:

- **Marginal Tax Rate**: The rate at which the last dollar of income is taxed, which increases as income rises in a progressive tax system (Stiglitz, 2015).
- **Tax Base**: The total amount of assets or income that can be taxed by a government, which a progressive tax system seeks to expand equitably (Piketty, 2014).
- **Tax Compliance**: The degree to which taxpayers abide by tax laws and regulations, an important factor in effective DRM (Saez & Zucman, 2019).
- **Redistributive Taxation**: A tax policy designed to reduce income inequality by taxing higher-income earners at higher rates and using the revenue to fund social programs (Stiglitz, 2015).

Key Terms Related to DRM:

- **Fiscal Policy**: Government policies on taxation, spending, and borrowing, which are crucial tools for managing the economy and mobilizing domestic resources (IMF, 2020).
- **Public Revenue**: The income that a government collects from taxes, fees, fines, and other sources to finance its activities and obligations (OECD, 2015).
- **Tax Incentives**: Special tax rates, exemptions, or deductions offered by governments to encourage investment in specific sectors or regions, which can impact overall revenue collection (OECD, 2015).
- **Revenue Diversification**: The process of broadening the sources of government revenue beyond traditional tax bases, such as by tapping into natural resources, tourism, or new forms of taxation (IMF, 2020).

Additional Financial and Economic Terms:

- **Capital Flight**: The large-scale exit of financial assets and capital from a country, often in response to economic instability or the threat of taxation (Zucman, 2015).
- **Transfer Pricing**: The setting of prices for transactions between related entities within a multinational corporation, which can be manipulated to shift profits to low-tax jurisdictions (OECD, 2015).
- **Sovereign Wealth Fund**: A state-owned investment fund typically created from surplus revenues, such as those generated from natural resources, to manage and invest government funds (Collier & Venables, 2011).

13.3 Administrative and Political Economy Environment

Government Resources:

- **Ghana Revenue Authority (GRA)**: The official portal for Ghana's tax authority, providing access to tax forms, regulations, and resources related to tax compliance and collection. GRA Website (GRA, 2021).
- **Ministry of Finance, Ghana**: Offers information on Ghana's fiscal policies, public budgets, and financial reports, crucial for understanding the country's economic strategy and DRM efforts. Ministry of Finance Website (Ministry of Finance, 2021).
- **Bank of Ghana**: The central bank's website provides data on monetary policy, inflation, exchange rates, and other economic indicators that affect fiscal stability and DRM. Bank of Ghana Website (Bank of Ghana, 2021).
- **Financial Intelligence Centre (FIC) Ghana**: The FIC's portal offers resources on combating money laundering and terrorist financing, including reports and guidelines relevant to IFFs. FIC Ghana Website (FIC, 2021).
- **Public Procurement Authority (PPA) Ghana**: The PPA's site provides access to public procurement guidelines, regulations, and tenders, important for understanding how public funds are managed and potential areas for reform. PPA Website (PPA, 2021).

13.4. Exploring Data-Driven Journalism

Data-driven journalism is an approach that relies on data collection, analysis, and visualization to produce factual and insightful reporting. In the context of **Illicit Financial Flows (IFFs)**, **Tax Justice**, and **Domestic Resource Mobilization (DRM)**, data-driven journalism can be particularly effective.

1. Accessing and Using Data for Reporting

- **Public Data Sources**: Journalists can leverage public databases such as government financial reports, tax authority data, corporate filings, and international datasets (e.g., World Bank, IMF). This data helps uncover patterns in government spending, tax revenues, and financial flows.
- **Corporate and Financial Data**: Journalists can investigate companies' financial disclosures, trade data, and tax records to identify potential tax avoidance, transfer mispricing, and illicit financial flows.

2. Investigative Techniques

- **Data Mining**: Using algorithms or tools to sift through large datasets to identify unusual financial activities. For example, examining discrepancies in import/export data to detect trade mispricing or anomalies in financial transactions that indicate money laundering.

- **Financial Data Analysis**: Journalists can analyse balance sheets, income statements, and tax filings to identify suspicious activities. Understanding how to interpret company accounts can reveal discrepancies between reported profits and tax payments.
- **Data Visualization**: Tools such as Data wrapper, Tableau, or Excel can be used to create charts and maps that make complex data more understandable. Visualizations help communicate findings on financial flows, tax collection, and public spending effectively.

3. Collaborative Reporting with Data Analysts

- **Partnering with Data Experts**: Journalists can collaborate with data scientists or economists to analyze large datasets. These experts can provide insights on trends, correlations, and anomalies, helping journalists identify important stories.
- **Cross-Border Data Collaboration**: Complex stories like IFFs often require cross-border investigations. Collaborating with international media networks, such as the International Consortium of Investigative Journalists (ICIJ), allows journalists to share data and uncover global tax avoidance schemes or illicit financial networks.

4. Tools and Resources for Data-Driven Journalism

- **ICIJ Offshore Leaks Database**: A key resource for investigating offshore accounts and tax evasion.
- **Global Investigative Journalism Network (GIJN)**: Provides investigative toolkits and guides for data journalism.
- **ProPublica's Data Store**: Offers data on government spending, corporate tax avoidance, and other economic topics.
- **Kaggle**: A platform offering datasets and data science tools that can be used for journalistic investigations.

Practical Applications of Data-Driven Journalism

- **Tracking Illicit Financial Flows**: By analysing trade data, financial transactions, and tax records, journalists can identify cases of tax evasion, money laundering, or capital flight.
- **Investigating Tax Justice**: Data on tax payments, tax exemptions, and corporate tax rates can help reveal whether tax systems are progressive or regressive, and who benefits from tax breaks.
- **Exposing Resource Mismanagement**: Data-driven journalism can reveal how natural resource revenues are allocated and whether funds from reserve-based lending are being misused or misappropriated.

13.5. Various Leaks from Investigative Journalism Work

What are these leaks and why bother?

Six leaked records of how the rich and mighty hide their wealth using shell companies and tax havens as follows:

1. Pandora Papers
2. Panama Papers
3. Bahama Papers
4. Paradise Papers
5. Luada leaks
6. West Africa leaks

The International Consortium of Investigative Journalists (ICIJ) painstaking investigations have thrown light on these deals and made them public

About The Data In The ICIJ Offshore Leaks Database

This ICIJ database contains information on more than 810,000 offshore entities that are part of the Pandora Papers, Paradise Papers, Bahamas Leaks, Panama Papers and Offshore Leaks investigations. The records cover more than 80 years up to 2020 and link to people and companies in more than 200 countries and territories. Please Visit https://offshoreleaks.icij.org/nodes/14064449

- Explore the following papers:
- Pandora Papers
- Paradise Papers
- Panama papers

These leaks reveal Secrecy for Sale-Inside the Global Offshore Money Maze. Millions of leaked files from two financial service providers, a private bank in Jersey and the Bahamas corporate registry reveal how tax havens around the world are used to hide riches.

13.5.1THE PANDORA PAPERS

- Millions of leaked documents and the biggest journalism partnership in history have uncovered financial secrets of 35 current and former world leaders, more than 330 politicians and public officials in 91 countries and territories, and a global lineup of fugitives, con artists and murderers.
- The secret documents expose offshore dealings of the King of Jordan, the presidents of Ukraine, Kenya and Ecuador, the prime minister of the Czech Republic and former British Prime Minister Tony Blair. The files also detail financial activities of Russian President

Vladimir Putin's "unofficial minister of propaganda" and more than 130 billionaires from Russia, the United States, Turkey and other nations.

- The leaked records reveal that many of the power players who could help bring an end to the offshore system instead benefit from it , stashing assets in covert companies and trusts while their governments do little to slow a global stream of illicit money that enriches criminals and impoverishes nations.
- Among the hidden treasures revealed in the documents:
- A $22 million chateau in the French Riviera – replete with a cinema and two swimming pools – purchased through offshore companies by the Czech Republic's populist prime minister, a billionaire who has railed against the corruption of economic and political elites.
- More than $13 million tucked in a secrecy-shaded trust in the Great Plains of the United States by a scion of one of Guatemala's most powerful families, a dynasty that controls a soap and lipsticks conglomerate that's been accused of harming workers and the earth.
- Three beachfront mansions in Malibu purchased through three offshore companies for $68 million by the King of Jordan in the years after Jordanians filled the streets during Arab Spring to protest joblessness and corruption.
- The secret records are known as the Pandora Papers.

13.5.2THE PANAMA PAPERS

- The PANAMA papers expose the rogue Offshore Finance Industry.
- The Panama papers is **a giant leak of more than 11.5 million financial and legal records exposes a system that enables crime, corruption and wrongdoing, hidden by secretive offshore companies.**
- Files reveal the offshore holdings of 140 politicians and public officials from around the world
- Current and former world leaders in the data include the prime minister of Iceland, the president of Ukraine, and the king of Saudi Arabia
- More than 214,000 offshore entities appear in the leak, connected to people in more than 200 countries and territories
- Major banks have driven the creation of hard-to-trace companies in offshore havens

13.5.3THE PARADISE PAPERS

- **A major global collaboration reveals secrets from one of the world's most prestigious offshore law firms, a specialized trust company and 19 company registries in secrecy jurisdictions.**
- Reveals offshore interests and activities of more than 120 politicians and world leaders, including Queen Elizabeth II, and 13 advisers, major donors and members of U.S. President Donald J. Trump's administration
- Exposes the tax engineering of more than 100 multinational corporations, including Apple, Nike and Botox-maker Allergan

- Reveals tax haven shopping sprees by multinational companies in Africa and Asia that use shell companies in Mauritius and Singapore to reduce taxes
- Shines a light on secretive deals and hidden companies connected to Glencore, the world's largest commodity trader, and provides detailed accounts of the company's negotiations in the Democratic Republic of the Congo for valuable mineral resources
- Provides details of how owners of jets and yachts, including royalty and sports stars, used Isle of Man tax-avoidance structures

13.5.4 BAHAMA LEAKS

- The Bahamas have been on the radar of tax officials around the world for nearly a century
- **A cache of leaked documents provides names of politicians and others linked to more than 175,000 Bahamian companies registered between 1990 and 2016**
- For years, Neelie Kroes travelled Europe as one of the continent's senior officials, warning big corporations that they couldn't "run away" from the European Union's rules.
- The Dutch politician sympathized with average citizens who worried they'd been left to pay the bills "as infringers cream off the extra profits."
- As the EU's commissioner for competition policy from 2004 until 2010, she was Europe's top corporate enforcer and made *Forbes* magazine's annual list of the "World's 100 Most Powerful Women" five times.
- What Kroes never told audiences – and didn't tell European Commission officials in mandatory disclosures – was that she had been listed as a director of an offshore company in the Bahamas, the Caribbean tax haven whose secrecy and tax structures have attracted multinational companies and criminals alike.
- Kroes was listed as director of a Bahamian company from 2000 to 2009, according to documents reviewed by the International Consortium of Investigative Journalists.
- ***"Bahamas has taken an attitude of selective noncompliance with its own laws, and it is now pushing out this message with a nudge, nudge, wink, wink."*** *– Nicholas Shaxson*

13.5.5 LUADA LEAKS

- **How two decades of corrupt deals made Isabel dos Santos Africa's wealthiest woman and left oil- and diamond-rich Angola one of the world's poorest countries.**
- Isabel dos Santos created a shell empire to move tainted billions — lawyers, accountants and consultants made it possible.
- Two decades of unscrupulous deals made Isabel dos Santos Africa's wealthiest woman and left oil- and diamond-rich Angola one of the poorest countries on Earth.
- A web of more than 400 companies and subsidiaries in 41 countries are linked to Isabel dos Santos or her husband, Sindika Dokolo, including 94 in secrecy jurisdictions like Malta, Mauritius and Hong Kong.
- Hundreds of millions of dollars in loans and contracts were directed to dos Santos' companies.

- A cadre of Western business advisers moved money, set up companies, audited accounts, suggested ways to avoid taxes and turned a blind eye to red flags that experts say should have raised serious concern.
- Two firms, PwC and Boston Consulting Group, together earned more than $5.6 million between 2010 and 2017 for services provided to dos Santos and Dokolo companies.

13.5.6 West Africa Leaks

- West African leaks presents the ICIJ report on its investigations In the region's largest-ever journalism collaboration, reporters from 11 countries expose the financial secrets of some of West Africa's most powerful politicians, moguls and corporations.
- West Africa Leaks explores the impact of offshore secrecy in the 15 countries that make up Africa's westernmost region, where reporters work in English, French and Portuguese and dozens of local languages.
- Why focus on this collection of nations? For one, its 367 million people are some of the most disadvantaged in the world, and its position as the tax-avoidance centre of Africa means those people are being hit harder still.
- Experts tell me Africa loses more money to offshore secrecy than it receives in development aid.
- From Cape Verde's white-sand beaches to Niger's vast deserts, West African countries are plundered by companies and individuals, while governments do little to stem the flow- ICIJ(2018).

13.6. African Elites and the Leaks

The Pandora Papers, are based on documents leaked to the International Consortium of Investigative Journalism (ICIJ) and exposed the offshore dealings of kings, presidents, and prime ministers, including Jordan's King Abdullah II, Czech Prime Minister Andrej Babis, and Kenyan President Uhuru Kenyatta.

The fact that among these thieves are African leaders, government ministers, and the elites of our societies, just boggles the mind. The African is being betrayed by our own leaders. Those whom we vote for to lead us, and mainly on promises of restoring our dignity, fighting corruption, and promises of development in our respective countries. Perhaps to understand this problem, we must try to find answers to these questions. Why are African leaders so greedy? Who can we trust in Africa to lead us out of this quagmire that we find ourselves in? Why are our leaders always betraying us?

To answer the question why African leaders are so greedy, one must first understand the concept of leadership on the continent. In Africa a leader is above everyone, and everything including wealth found in those areas under their jurisdiction, belongs to them. The gold, diamonds, fertile lands, the cattle, the beautiful women etc. all belongs to them. By virtue of being a leader, they consider it their God given right to them. That is why you see them when they are dishing out disaster relief to their citizens, it is done in such a way that the citizens are made to believe that whatever they are being given is coming from the president and first lady. They don't tell the citizens that this is coming from the state and that it is right fully their right to get whatever they are getting.

13.7. Resources and References for Further Information on IFFs

To support deeper investigation and reporting on illicit financial flows (IFFs), journalists are encouraged to explore the following specialized networks and knowledge hubs:

13.7.1. 🌍 Regional Asset Recovery Inter-Agency Networks

1. **ARINWA – Asset Recovery Inter-Agency Network for West Africa**
   A platform fostering collaboration among West African law enforcement and judicial authorities to trace, freeze, and recover assets.
   🔗 Website: https://www.arinwa.org
2. **ARINSA – Asset Recovery Inter-Agency Network for Southern Africa**
   A regional initiative to enhance the effectiveness of asset recovery, mutual legal assistance, and confiscation processes.
   🔗 Website: https://www.arinsa.org
3. **CARIN – Camden Asset Recovery Inter-Agency Network**
   A global informal network of practitioners and experts in asset recovery and confiscation, promoting cross-border cooperation.
   🔗 Website: https://www.carin.network

🛠 Additional Resources

4. **Financial Action Task Force (FATF)**
   Sets global standards on anti-money laundering (AML) and countering the financing of terrorism (CFT).
   🔗 https://www.fatf-gafi.org
5. **Global Forum on Transparency and Exchange of Information for Tax Purposes**
   Hosted by the OECD, it monitors tax compliance and promotes transparency in financial systems.
   🔗 https://www.oecd.org/tax/transparency
6. **StAR – Stolen Asset Recovery Initiative (World Bank & UNODC)**
   Supports international efforts to end safe havens for corrupt funds and recover stolen assets.
   🔗 https://star.worldbank.org
7. **Tax Justice Network (TJN)**
   Investigative think tank focusing on the harmful impact of tax avoidance, tax evasion, and secrecy jurisdictions.
   🔗 https://www.taxjustice.net

8. **African Union Anti-Corruption Board**
Promotes and supports anti-corruption mechanisms across African states.
📎 https://au.int/en/anti-corruption

13.7.2. Knowledge Resources and Storytelling Aids

To strengthen reporting on IFFs, we recommend the following curated resources — including legal frameworks, training videos, expert experiences, and reading materials — to enhance both technical understanding and investigative skills.

▯ Legal Frameworks and Treaties

- **UN Convention against Corruption (UNCAC)**
  Core international legal instrument on corruption and asset recovery.
  📎 https://www.unodc.org/unodc/en/corruption/uncac.html
- **AU Convention on Preventing and Combating Corruption**
  Regional African framework on anti-corruption.
  📎 https://au.int/en/treaties/african-union-convention-preventing-and-combating-corruption
- **ECOWAS Protocol on the Fight against Corruption**
  West Africa's framework for coordinating anti-corruption efforts.
  📎 https://www.ecowas.int *(search "Protocol on Corruption")*

🎥 Videos and Webinars

- **"Uncovering Illicit Financial Flows" – GIJN Webinar (Global Investigative Journalism Network)**
  Features case studies and tips from African and global investigative journalists.
  📎 https://gijn.org/stories/webinar-uncovering-illicit-financial-flows/
- **"How Investigative Journalists Track Dirty Money" – OCCRP Training Series**
  Free investigative journalism video tutorials on tracking shell companies, bank leaks, and more.
  📎 https://occrp.org/en/academy/
- **"The Laundromat Files" Documentary (Deutsche Welle)**
  In-depth storytelling on global money laundering and African angles.
  📎 https://www.dw.com/en/the-laundromat-files

📚 Reading Materials and Story Examples

- **"Illicit Financial Flows: The Economy of Money Laundering in Africa" – Tax Justice Africa**

Analytical overview of systemic challenges in asset recovery.
🔗 https://taxjusticeafrica.net/publications

- **"Investigative Journalism Manual on IFFs" – Thomson Reuters Foundation**
  Tailored guidebook for African journalists working on financial crime and corruption.
  🔗 https://www.trust.org/media-development
- **Story: "The West Africa Leaks" – ICIJ Investigation**
  Real-life investigative series showing how African elites hide wealth offshore.
  🔗 https://www.icij.org/investigations/west-africa-leaks/
- **Story: "How Angola Lost Billions" – OCCRP / Maka Angola**
  Joint investigative piece showing tracing of embezzled assets.
  🔗 https://www.occrp.org/en/investigations/how-angola-lost-billions

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13.7.3. Overview: Ghana's Vulnerability to IFFs via Emerging and Hidden Financial Channels

The following is an in-depth overview of how **cryptocurrency**, **shell companies**, and **trade secrecy** are impacting illicit financial flows (IFFs) in **Ghana**, based on analysis from scholarly and expert sources:

Ghana is increasingly exposed to IFFs due to rapid digitalization, regulatory gaps, and high levels of informality in both trade and finance. Three interlinked domains—**cryptocurrencies**, **shell companies**, and **trade secrecy**—play a growing role in facilitating money laundering, tax evasion, and the concealment of proceeds from corruption or criminal activity.

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1. 💰 Cryptocurrency and Financial Obfuscation in Ghana

- Cryptocurrencies like **Bitcoin** and **Ethereum** are becoming tools for illicit transactions in Ghana due to anonymity, weak regulation, and fast transferability.
- A UCC Law Journal article reveals that Ghana lacks a clear legal framework, making it hard for financial institutions and regulators to trace or control crypto-based laundering (Gabor, 2021).
- The **FATF mutual evaluation report** raised concerns over the use of platforms such as BTC-e in laundering funds and evading AML frameworks (Hunter, 2019).

"Cryptocurrencies are being exploited to bypass Ghana's formal financial system, with regulators often playing catch-up." – *Hunter, 2019*

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2. 🏢 Shell Companies and Corporate Secrecy Structures

- Shell entities registered abroad are used to funnel bribes, move mineral royalties, or hide public assets. These companies often appear in Panama Papers–type investigations with links to Ghanaian PEPs.

- In **gold trade**, companies pose as exporters to shift earnings offshore, sometimes avoiding repatriation entirely (Baku, 2021).
- A 2024 SSRN paper noted Ghanaian corporations set up shell companies to bypass domestic scrutiny while holding funds in foreign accounts (Ambe, 2024).

"Opaque ownership structures are central to concealing beneficial ownership and exploiting tax treaties in Ghana." – *Ambe, 2024*

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3. 🔐 Trade Secrecy, Mispricing & Informal Economies

- **Trade-based money laundering** (TBML) is facilitated through misinvoicing of imports/exports—especially in gold and cocoa. These discrepancies are hard to trace due to trade secrecy laws and lax customs oversight.
- According to the **Atlantic Council report (2020)**, illicit trade networks exploit secrecy by under-invoicing exports and inflating imports to move capital discreetly (Reitano & Shaw, 2020).
- Freeports and bonded warehouses have also been criticized for providing cover for smuggled goods and disguised capital movements (Ayogu, 2021).

"Trade secrecy provisions and informality shield financial manipulation at Ghana's ports." – *Reitano & Shaw, 2020*

Key Documents & Further Reading:

Title	Author(s)	Link
Gold-Related Illicit Financial Flow Threats: Ghana	A.W.M. Baku (2021)	Download PDF
African Illicit Financial Flows	M. Hunter (2019)	View PDF
Risk of Bank Crimes and Shell Firms in Ghana	K.N. Ambe (2024)	SSRN Paper
Cybercrime and IFFs in West Africa	FIU West Africa (2025)	PDF
States on the Cusp	Reitano & Shaw (2020)	PDF
Dubai: Global Hub for Illicit Trade	Y. Krylova (2023)	Download
Crypto Regulation in Ghana	G.T. Gabor (2021)	UCC Law Journal
Invisible Trillions	R.W. Baker (2023)	Google Books

13.7.4. How to Identify an IFF-Related Story

A practical step-by-step guide for journalists

🔎 1. Start with Suspicion: Follow the Money

- Look for anomalies: unexplained wealth, underpriced exports, over-invoiced imports.
- Monitor red flags in budgets, procurement, and offshore transfers.

Tip: Start with asset declarations or public procurement databases.

📁 2. Trace Legal Loopholes and Secrecy Structures

- Investigate companies involved in extractives, trade, real estate, or banking.
- Identify use of **shell companies**, **trusts**, or **offshore accounts**.

Resources: Use open databases like OpenCorporates and Offshore Leaks.

🌐 3. Check Cross-Border Linkages

- IFFs often cross borders. Look for:
    - Money sent to tax havens
    - Suspicious cryptocurrency flows
    - Fake invoicing or transshipment

Use: FATF lists, customs data, SWIFT records (if accessible), or leaked docs.

🛠 4. Examine Trade and Procurement Chains

- Review tender winners, subcontractors, export declarations.
- Compare declared vs actual export volumes or prices.
- Check for overpricing or missing shipments.

Example: Ghana's gold trade often shows mismatch between declared exports and value received (Baku, 2021).

👦⚖ 5. Investigate Politically Exposed Persons (PEPs)

- Scrutinize relatives or associates of politicians with offshore interests or luxury assets.
- Search sanctions lists, asset declarations, or lifestyle changes.

Tools: Pepa Africa, Sanctions Scanner.

💬 6. Use Human Sources

- Whistleblowers, former employees, auditors, NGO investigators.
- Protect sources through secure channels (e.g., Signal, ProtonMail).

📉 7. Correlate with Public Losses or Development Gaps

- Link the IFF to concrete losses in health, education, infrastructure.
- Translate abstract numbers into social impact stories.

✅ 8. Confirm Evidence & Prepare for Legal Pushback

- Validate all documents: invoices, contracts, bank slips.
- Seek legal review before publishing sensitive findings.

Bonus: Investigative Questions to Guide You

- Who benefits from the secrecy?
- Where does the money go?
- Is there a pattern of cross-border dealings or tax avoidance?
- Are there intermediaries or enablers (lawyers, accountants)?

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13.7.5. Basic Scenarios: Spotting an IFF Story in Real Life

Scenario 1: The Mysterious Mining Contract

A foreign mining firm signs a $200 million gold deal with the government. Within 6 months:

- The company changes ownership to a shell firm in the British Virgin Islands.
- Local content obligations are not fulfilled.
- The company pays minimal taxes despite high output.

Red Flags:

- Sudden offshore ownership shift
- Underreported royalties
- Use of shell companies

Journalist's Actions:

- Trace beneficial ownership via corporate registries (e.g., OpenCorporates)
- Compare export declarations with revenue
- Interview local officials and civil society observers

Scenario 2: Crypto, Scams & Real Estate

A social media personality flaunts a lavish lifestyle and promotes a cryptocurrency platform. In just one year:

- Followers complain about being defrauded.
- The individual buys multiple properties in Accra.
- The crypto site vanishes.

Red Flags:

- Sudden wealth, unlicensed crypto schemes
- Real estate purchases with no transparent income
- Ponzi-style messaging on social platforms

Journalist's Actions:

- Investigate the crypto trail (e.g., wallets, exchanges)
- Search real estate registries
- Talk to victims and legal experts on cyberfraud

Scenario 3: Underpriced Cocoa Export

A Ghanaian agro-export company declares a bulk shipment of cocoa at $800/tonne — 40% below global market price. Meanwhile:

- Customs clears the shipment without audit.
- A related company in Dubai resells the cocoa at full price.
- No taxes are paid on the profit margin.

Red Flags:

- Trade misinvoicing
- Transfer pricing abuse
- Cross-border tax evasion

Journalist's Actions:

- Compare declared vs market prices
- Look into export/import declarations in both countries
- Contact international trade economists or the Ghana Revenue Authority

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📌 Suggested Layout for Guide Integration

Each scenario should be shown as a:

- ▯ Mini case study box
- ✅ Checklist of flags
- 🎤 Suggested sources and tools

14. CONCLUSION

Call to Action:

Active Engagement in Reporting: This guide underscores the vital role that journalists play in uncovering and reporting on issues related to Illicit Financial Flows (IFFs), progressive taxation, and Domestic Resource Mobilization (DRM). As guardians of public interest, journalists are encouraged to actively engage in investigative reporting to expose corruption, tax evasion, and other illicit activities that undermine economic justice and development. By holding governments, corporations, and individuals accountable, journalists can help foster transparency, promote equitable policies, and contribute to the global fight against economic inequality and corruption. Your reporting can drive policy change, empower citizens, and ensure that resources are used to benefit society as a whole.

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Media Foundation for West Africa
Aar-Bakor Street, Ogbojo
Telephone: +233 (0) 302 555 327
Twitter: @TheMFWA
Facebook: Media Foundation for West Africa
info@mfwa.org
www.mfwa.org