



## The Development of the Public Sector and the Shift Towards Public-Private Partnerships in Yemen

Khaled Ali Saleh Shatef<sup>1</sup> ✉  
Youssef Samihi<sup>2</sup>

<sup>1,2</sup>National School of Business and Management (ENCG)-University Ibn Tofail Kenitra, Morocco.

Email: [khaledalisaleh.shatef@uit.ac.ma](mailto:khaledalisaleh.shatef@uit.ac.ma)

Email: [youssef.samih@uit.ac.ma](mailto:youssef.samih@uit.ac.ma)

(✉ Corresponding Author)

### Abstract

This research examines the historical development of Yemen's public and private sectors and their transition towards public-private partnerships (PPPs) as a strategy for sustainable development. Yemen's private sector has evolved from a traditional, limited economy into a market-driven system, playing a key role in job creation and economic growth. However, it continues to face significant challenges, including inadequate infrastructure, import competition, and political instability. Strengthening the private sector through investment-friendly policies and structural reforms is crucial for economic resilience. PPPs provide Yemen with an opportunity to address infrastructure deficits, enhance service delivery, and stimulate economic growth. Moving forward, establishing effective legal frameworks, promoting transparency, and fostering cooperation between the public and private sectors will be essential to building a more inclusive and sustainable economy.

**Keywords:** Economic Development, Infrastructure Reform, Private Sector Growth, Public-Private Partnerships (PPPs), Sustainable Development.

### 1. Introduction

The Arab revolutions brought significant changes to the economic and social structures of the countries involved. Among these changes was the establishment of a public sector aimed at providing essential social services, fostering economic growth, and addressing developmental challenges. Yemen, like many other nations, created a public sector to utilize national resources effectively, develop appropriate economic policies, and achieve sustainable development (Al-Maamari, 2019). The primary goals were to reduce poverty, redistribute wealth, and create employment opportunities, thereby improving the living standards of citizens (Al-Qatwi & Motaher, 2020).

The creation of the public sector in Yemen was a response to developmental and social needs (Al-Shareem, Yusof, & Kamal, 2015). In the aftermath of independence, Yemen sought to establish a system that could reduce economic dependency on foreign powers and promote self-sufficiency (Sahooly, 2003). This approach emphasized state ownership of strategic industries, control over natural resources, and the centralization of economic planning. The public sector was envisioned as the backbone of the economy, tasked with addressing economic disparities and ensuring equitable access to resources (Qardash, 2024).

However, while this model initially helped Yemen make strides in development, it also faced numerous challenges (Alfugair, 2023). Over time, inefficiencies in management, lack of innovation, and bureaucratic corruption weakened the performance of the public sector (Yamouri, 2014). As a result, its inability to adapt to global economic changes and meet growing societal demands became apparent. These shortcomings led to widespread criticism, particularly regarding the sector's failure to stimulate growth, generate adequate employment, and maintain fiscal sustainability (Sofan, 2019).

Several factors contributed to the decline of Yemen's public sector. One major issue was its reliance on outdated administrative structures, which hindered efficiency and responsiveness (Gerhager & Sahooly, 2009). Additionally, excessive government intervention in economic activities often led to mismanagement and resource misallocation (Vatanka, 2020). Corruption, lack of accountability, and political instability further exacerbated the problem, leaving the public sector unable to deliver the expected economic and social outcomes.

Moreover, Yemen's heavy dependence on oil revenues created vulnerability to fluctuations in global oil prices. This dependency limited the government's ability to diversify the economy and invest in other critical sectors such as education, healthcare, and infrastructure (Holst & Gericke, 2012). The combined effects of these challenges made it evident that reforms were necessary to revitalize Yemen's economic system. Recognizing the limitations of a state-controlled economy, Yemen began to adopt a more market-oriented approach. This shift involved engaging the private sector as a key partner in economic development (Al-Shareem, Yusof, & Roosli, 2014). Public-Private Partnerships (PPPs) emerged as a strategic framework to address gaps in infrastructure, improve service delivery,

and stimulate economic growth. PPPs allow the government to collaborate with private entities to fund, build, and manage projects that benefit society. This model leverages the efficiency, expertise, and financial resources of the private sector while enabling the government to focus on regulation and oversight. It also reduces the financial burden on the state, making it an attractive option for Yemen, which faces budgetary constraints and ongoing economic challenges.

The transition from a state-dominated economy to one that incorporates Public-Private Partnerships marks a crucial step in Yemen's development journey. While the public sector played an important role in the early stages of nation-building, its inefficiencies and inability to sustain growth necessitated a shift toward greater private sector involvement. PPPs offer a promising model for overcoming economic challenges and fostering development. However, their success depends on creating a stable political environment, improving governance, and enacting policies that build investor confidence.

This research highlights the importance of understanding the historical context of Yemen's public sector and the rationale behind its transition to PPPs. By leveraging the strengths of both sectors, Yemen can move toward a more resilient and inclusive economic future.

## **2. The Public Sector in the Republic of Yemen**

### *2.1. Definition of the Public Sector*

The public sector refers to the segment of the economy that is managed and controlled by the government, comprising various governmental institutions and agencies. It excludes private enterprises, voluntary organizations, and households (Nasrawi, 1990). A fundamental aspect of the public sector is its ownership and control by the government, focusing on delivering public services, enforcing laws, and implementing policies that promote social welfare.

Conceptually, the public sector can be visualized as concentric circles, with core government services—such as central and sub-national agencies—forming the innermost layer. This structure clearly distinguishes it from the private sector in terms of employment relationships and the exercise of authority (Faris, 1990).

Since the 1980s, many nations, including Yemen, have pursued privatization programs, transferring ownership or management of state-owned enterprises to the private sector either partially or entirely. This trend has spanned sectors such as telecommunications, energy, and transportation (Imam, 1990).

For analytical purposes, the public sector is often contrasted with the private and voluntary sectors, enabling comparisons of state activities across regions and time. This distinction highlights the operational methods, governance mechanisms, and accountability standards unique to public-sector institutions (Nasrawi, 1990). However, defining the public sector has become increasingly complex due to evolving governance structures and hybrid models of public-private cooperation (Faris, 1990).

### *2.2. Functions and Characteristics of the Public Sector*

The public sector plays a central role in providing goods and services to citizens, often at administratively determined prices rather than through market mechanisms (Nasrawi, 1990). Unlike private enterprises, which operate for profit, the primary objective of public-sector institutions is to address societal needs, promote economic stability, and ensure equitable distribution of resources (Faris, 1990).

Scholars define the public sector as economic units owned by the state that produce and distribute goods and services, regardless of whether they operate as government departments, agencies, or public corporations (Faris, 1990). In Yemen, public-sector institutions have historically managed strategic industries, infrastructure development, and public utilities, reflecting the government's role in fostering economic growth and stability (Imam, 1990).

Despite its importance, the public sector in Yemen has faced challenges such as inefficiency, bureaucratic hurdles, and limited adaptability to market changes (Nasrawi, 1990). These issues have prompted calls for reforms and greater involvement of the private sector to improve performance (Faris, 1990).

### *2.3. Historical Context and Evolution*

The establishment of the public sector in Yemen was closely tied to the country's post-independence aspirations for economic and social development. Following independence, Yemen adopted state-led economic policies to reduce reliance on foreign powers, manage strategic resources, and promote self-sufficiency (Faris, 1990).

This approach aimed to reduce poverty, create employment opportunities, and promote equality. The public sector played a central role in building infrastructure, such as schools, hospitals, and transportation systems, while managing industries like oil, electricity, and water supply (Nasrawi, 1990).

However, by the 1980s, global economic trends and inefficiencies in state-owned enterprises pushed many countries, including Yemen, toward privatization and Public-Private Partnerships (PPPs). These reforms were designed to improve service delivery, increase efficiency, and stimulate economic growth (Imam, 1990).

### *2.4. The Emergence of the Public Sector*

Throughout history, the role of the state in economic and social activities has varied significantly across countries and historical periods. These variations were influenced by specific historical conditions and societal needs (Nasrawi, 1990). Concerns have often arisen regarding state intervention in economic activities, particularly fears about government interference in market mechanisms such as supply, demand, and price-setting. Advocates of free-market economies argued for minimal state involvement, emphasizing the superiority of private enterprises in driving economic growth and stability.

Adam Smith, a renowned economist of the 18th century, famously stated in 1776 that "no two characters are more opposed than that of the trader and the sovereign," highlighting the preference for private ownership and management in economic systems (Zaher, 2018). This perspective has shaped economic policies, favoring minimal government interference and emphasizing the role of free markets.

### *2.5. Historical Context and Evolution*

The emergence of the public sector is closely tied to the economic and social evolution of societies. Historically, centralized economic systems dominated many civilizations, particularly those under authoritarian regimes, where decision-making authority was concentrated in the hands of the ruling elite. These systems, often referred to as "command economies" or "authoritarian economies," prioritized military dominance, resource allocation, and economic stability (Mahfouz & Murad, 2002).

Authoritarian regimes exercised control over resources, levied taxes, and imposed economic contributions on conquered or dependent populations to sustain their military and administrative systems. Such practices laid the foundation for state-led economic management, which evolved into modern public sectors.

With the development of societies, the role of the state expanded to include social management and public service delivery. This expansion gave rise to broader economic foundations for the public sector, including investments in infrastructure, defense industries, and public services. Consequently, the public sector became a significant contributor to national production and economic growth, particularly in centrally planned economies and developing nations (Mahfouz & Murad, 2001).

### *2.6. The Role of the Public Sector in Developing Economies*

Following independence, many developing countries, including Arab states, inherited weak economic structures designed primarily to serve colonial interests. Infrastructure such as railways, ports, and communication systems were established to extract raw materials for advanced industrial economies. After gaining independence, these resources were transferred to national governments, forming the foundation of the modern public sector (Mahfouz & Murad, 2002).

To consolidate power and legitimacy, post-independence governments adopted policies favoring public-sector dominance. They provided essential services at subsidized rates or even free of charge, leading to rapid expansion of the public sector. Additionally, public enterprises addressed underdevelopment, built infrastructure, and improved living standards. The public sector was also perceived as a mechanism for income redistribution, ensuring economic equity and preventing wealth accumulation by elites (Mahfouz & Murad, 2002).

Arab states, including Yemen, experienced waves of nationalization and economic reforms aimed at asserting sovereignty over strategic resources. For example, Egypt nationalized the Suez Canal, while other nations renegotiated contracts with foreign oil companies to secure higher profits or complete ownership (Mahfouz & Murad, 2001).

### *2.7. The Public Sector in Yemen*

In Yemen, the legacy of colonialism and economic underdevelopment shaped the early formation of the public sector. Southern Yemen, formerly the People's Democratic Republic of Yemen, inherited limited infrastructure centered around Aden's port, which served British colonial interests. Following independence in 1967, efforts focused on building a national economy under challenging conditions (Rashid, 1997).

Northern Yemen, formerly the Yemen Arab Republic, emerged from a traditional, feudal system that lacked unified governance and modern legal frameworks. After the revolution of 1962, the state prioritized economic centralization to overcome severe poverty, weak infrastructure, and social inequality (Rashid, 1997).

The unification of North and South Yemen in 1990 further expanded the public sector, consolidating assets from both regions. Key mechanisms for this expansion included:

1. **Inherited State Assets:** The new government absorbed facilities and enterprises owned by the previous regimes.
2. **Confiscation of Opponents' Wealth:** Properties of political adversaries were seized and integrated into public ownership.
3. **Nationalization and Legal Confiscations:** Certain industries were nationalized, sometimes with compensation, while others were confiscated without legal justification.
4. **Public Investment:** The state directly financed infrastructure projects and industrial development to stimulate economic growth (Jamal, 1995).

External financial aid, development loans, and remittances from Yemeni expatriates also contributed to strengthening the public sector. Governments promoted joint ventures between public and private entities and collaborated with multinational corporations to attract foreign investments (Bashari, 1998).

### *2.8. Economic and Social Justifications for the Public Sector*

The public sector played a central role in overcoming economic backwardness by mobilizing national savings, channeling them into productive investments, and reducing dependency on short-term speculative ventures. Its primary objectives included economic development, income redistribution, job creation, and poverty alleviation (Naima, 2001).

In developing economies, where the private sector lacked capacity, the public sector became essential for financing large-scale projects, particularly in infrastructure, energy, and manufacturing. Governments also sought to reduce reliance on foreign markets, focusing on domestic production and self-sufficiency (Dailami & Khalid, 2013).

### *2.9. Strategic Sectors and State Control*

Developing nations, including Yemen, prioritized state control over strategic sectors, such as natural resources, heavy industries, and banking systems. These sectors required large investments and advanced technologies, which the private sector could not provide. The public sector, therefore, became the primary vehicle for development, ensuring equitable resource allocation and safeguarding national interests (Amar, 2019).

### **2.10. The Role of the Public Sector in Yemen's Economy**

Following Yemen's unification in 1990, the public sector expanded significantly, incorporating institutions from both northern and southern regions. Yemen's public sector grew to include 121 public and joint-sector enterprises distributed across agriculture, industry, trade, services, construction, and energy. Approximately 33,000 people were employed in these institutions, with 31,000 receiving salaries from the Ministry of Finance (Zafir, 1996). Despite this expansion, many institutions faced financial struggles, particularly in southern and eastern regions, due to inefficiency and poor performance.

#### **2.10.1. Economic Contributions and Challenges**

While some public enterprises contributed 11% of government revenues, the overall performance of the sector remained limited, averaging only 21.18% of non-oil GDP between 1994 and 2000 (World Bank, 2002). Economic reforms aimed at financial stabilization achieved modest success but failed to drive productivity or self-sufficiency. Real income levels declined from \$686 in 1990 to \$450 in 2004 (Ministry of Planning, 2005).

##### **Dependence on Oil Revenues**

Yemen's economy has relied heavily on oil since its discovery in the 1980s. Oil revenues accounted for 70% of government income, 63% of exports, and 30% of GDP, as well as 90% of foreign exchange earnings (Basahib & Mathna, 2005). However, declining production, from 450,000 barrels in 2004 to 180,000 in 2014, has created economic vulnerabilities. Attacks on pipelines and infrastructure between 2012 and 2014 cost the treasury over \$6 billion (CSO, 2018).

##### **Sectoral Contributions**

- **Agriculture:** Contributes over 50% of employment and increased its share of GDP from 13.43% in 2010 to 14.77% in 2013 (Amari, 2019).
- **Fishing:** Despite a 400,000-ton potential yield, production in 2013 was only 217,000 tons, contributing 3.4% to GDP.
- **Tourism:** In 2013, revenues rose to \$940 million but accounted for only 3% of GDP (Information & Statistics, 2016).
- **Mining:** Yemen holds vast reserves of minerals, including gold, copper, and zinc, but lacks investment and infrastructure to utilize these resources effectively (Falim, 2018).

#### **2.10.2. Structural Weaknesses and Reforms**

Studies highlight poor governance, political interference, weak funding structures, and low productivity as key weaknesses in Yemen's public sector (Falim, 2018). These issues prompted economic reforms, including privatization and public-private partnerships (PPPs), to improve performance and attract investment.

## **3. The Private Sector in Yemen**

The global shift towards privatization has underscored the importance of the private sector in enhancing economic performance, improving efficiency, and addressing financial challenges such as inflation and public debt. In Yemen, the private sector is viewed as a vital partner to the public sector, contributing to economic growth, job creation, and poverty reduction. It also stimulates competition, encourages entrepreneurship, and fosters investment. The private sector refers to economic activities managed and owned by individuals or groups rather than the government. It operates based on free-market principles, relying on competition to determine prices, production, and consumption (Mahfouz & Murad, 2002). Unlike the public sector, it emphasizes efficiency, profitability, and innovation.

Historically, Yemen's private sector faced several challenges, including:

1. Limited financial and technical resources.
2. Lack of entrepreneurial initiative.
3. Weak political support and absence of effective regulatory frameworks (Taheri, 2013).

Despite these hurdles, the private sector has grown into a key component of Yemen's economy, focusing on improving productivity and adopting modern technologies. It mobilizes savings and directs investments toward profitable ventures, contributing to economic expansion and higher incomes (Ouanes & Thakur, 1997).

### **3.1. Importance of the Private Sector**

The private sector plays a critical role in:

- **Economic Growth:** It enhances GDP, reduces poverty, and attracts foreign and local investments.
- **Employment Creation:** It generates job opportunities, improving living standards and reducing unemployment.
- **Revenue Generation:** It increases tax revenues, reducing budget deficits and external debt (Bassam, 2021).
- **Innovation and Efficiency:** It improves resource management and service quality through modern technologies and advanced management practices (Mahfouz & Murad, 2002).

### **3.2. Stages of Development of Yemen's Private Sector**

Yemen's private sector has undergone significant transformations, evolving from a limited role before the 1960s to becoming a major driver of economic growth. Before the Yemeni revolution, the private sector was dominated by small-scale traditional crafts and limited industries, such as the Aden oil refinery established in 1956 and the Bajil textile factory (World Bank, 2000).

#### **3.2.1. Growth During the 1970s and 1980s**

Following the revolution in the 1970s, Yemen's economy experienced noticeable growth. The government implemented policies to support industrial development and encouraged private investments, particularly from

expatriates. This period witnessed the rise of industries focused on consumer goods, aimed at meeting local demand and creating employment opportunities (Falim, 2018).

Government incentives, including import restrictions, tariff protections, and financing programs, further boosted industrial expansion. By the early 1990s, the private sector had become a key contributor to GDP and employment.

### *3.2.2. Post-Unification Era and Market Reforms*

After Yemen's unification in 1990, two economic systems were merged, creating challenges during the transitional phase. The government shifted to a market-oriented economy, emphasizing privatization and reducing state intervention. By the late 1990s, private enterprises accounted for 95% of industrial establishments (Mohsen & Maqtari, 2021).

Despite this growth, economic liberalization and structural reforms in 1995—such as trade liberalization, reduced tariffs, and increased interest rates—led to rising production costs. Many local industries struggled to compete with imported goods, resulting in closures and layoffs (World Bank, 2000).

### *3.2.3. Modern Challenges and Prospects*

Currently, Yemen's private sector is dominated by small and medium-sized enterprises (SMEs), which represent 97% of businesses and employ fewer than 25 workers. Large industries remain scarce, limiting competitiveness and scalability (Central Statistical Organization, 2018).

The industrial sector primarily focuses on food processing, construction materials, and textiles. However, its contribution to exports is low, ranging between 2–4%, mostly from re-exports (Ministry of Planning, 2010).

In 2014, Yemen's government and private sector signed a memorandum to strengthen partnerships and promote economic development, employment, and stability. This collaboration aims to create a favorable business environment and increase private-sector participation in policymaking (CIPE, 2014).

## *3.3. Oil Production and the Private Sector in Yemen*

The discovery of commercially viable oil fields in Yemen during the mid-1980s, coupled with increased production in the 1990s, significantly influenced the country's annual GDP. Fluctuations in oil production and global energy markets contributed to economic instability. Between 1995 and 2005, the private sector's share of total GDP experienced variations of up to 10% annually, declining from 66% to 56% between 1995 and 1996. However, the private sector's contribution to non-oil GDP remained relatively stable at around 74% during this period, with annual fluctuations of less than 1%.

### *3.3.1. Economic Growth and Oil Revenue Impact*

During 1995–2005, Yemen's average annual GDP growth was approximately 5%, while the non-oil private sector's contribution to GDP increased from \$2.81 billion to \$8.38 billion in current US dollars (World Bank, 2018). Although Yemen's oil production was small compared to its Gulf neighbors, it played a vital role in the local economy as the primary source of foreign currency.

Oil revenues, second only to remittances from Yemeni expatriates, stabilized the local currency at higher exchange rates than would have been possible without oil exports. However, this stability had mixed effects on the non-oil private sector.

### *3.3.2. Challenges for Non-Oil Industries*

The overvaluation of the Yemeni rial reduced the competitiveness of domestic industries in global markets. High exchange rates made exports more expensive and less attractive, limiting the growth of export-oriented industries. Simultaneously, cheaper imports flooded the local market, making it difficult for local industries to compete.

Limited access to export financing further weakened Yemen's industrial sector, making it harder for non-oil businesses to expand into foreign markets (Mansour et al., 2016). As a result, non-oil exports accounted for only 12.5% of total exports during this period, reflecting structural weaknesses and a lack of industrial diversification.

### *3.3.3. Dependence on Imports*

Over the years, Yemen has relied heavily on imports to meet domestic needs, with approximately 90% of food requirements imported. Even during periods of declining GDP caused by unstable oil markets, Yemen maintained high import levels, illustrating its dependency on foreign goods to meet basic consumption and industrial demands (Central Statistical Organization, 2018).

## *3.3. Yemen's Private Sector After 2011*

The political unrest and popular uprising of 2011 had a severe impact on Yemen's economy, leading to widespread instability. Economic growth plummeted from 7.7% in 2010 to -12.7% in 2011. A World Bank survey conducted in 2012 revealed that over 75% of businesses faced challenges, including power shortages, political instability, corruption, and economic uncertainty (World Bank, 2018).

### *3.3.1. Impact on Businesses and Employment*

The crisis forced more than 40% of businesses to reduce their workforce by at least 40%, and sales dropped by over 50%. Small enterprises were hit hardest, as they lacked the financial resources and flexibility to adapt compared to medium and large companies (OECD, 2016).

The ongoing conflict further worsened the economic situation, with GDP contracting by 17.6% in 2015, 15.3% in 2016, and 14.4% in 2017—resulting in a cumulative 40.5% decline over three years (Mohsen & Maqtari, 2021). The collapse of oil exports after 2015 significantly reduced government revenues, cutting off Yemen's main source

of foreign currency. Although oil exports resumed in August 2016, they remained sporadic and insufficient to stabilize the economy (World Bank, 2018).

### *3.3.2. Financial and Operational Challenges*

The relocation of Yemen's central bank from Sana'a to Aden in 2016 further deepened the crisis, disrupting the payment of public-sector salaries and limiting the central bank's ability to stabilize the Yemeni rial. As a result, businesses faced rising operational costs due to insecurity, shortages of raw materials, and a shrinking customer base caused by falling demand and purchasing power. Infrastructure damage also disrupted supply chains and daily operations (World Bank, 2018).

By 2017, companies implemented austerity measures, reducing working hours by nearly 50% and cutting 55% of their workforce. Over 25% of businesses in manufacturing, trade, and services were forced to shut down. Importers also struggled with foreign currency shortages, driving up costs and further straining business operations (World Bank, 2018).

### *3.3.3. Agriculture and Rural Livelihoods*

The agricultural sector, which employed 54% of rural workers and supported 75% of Yemen's population, was particularly hard hit. Rising fuel prices increased irrigation costs, and shortages of animal feed and fertilizers caused many farmers to abandon their farms. Poultry feed prices surged by 70%, exacerbating losses in the livestock sector (ESCWA, 2021).

By 2018, approximately 1.7 million rural households had lost their primary source of income, highlighting the devastating impact on livelihoods (Ministry of Agriculture and Irrigation, 2018).

## *3.4. Public-Private Partnership in Yemen*

Public-Private Partnerships (PPPs) have gained global attention as a strategic approach to promoting economic and social development. They leverage resources, expertise, and funding from both sectors to implement and operate diverse projects. Many countries, including Yemen, have turned to PPPs to address developmental challenges, especially in infrastructure and service delivery (Wang et al., 2018).

In Yemen, the need for PPPs is even more pressing due to prolonged conflicts and economic instability, which have strained public finances and infrastructure. The government, facing limited resources, relies on private sector participation to rebuild and sustain critical services (Haque et al., 2020). PPPs provide a platform for innovation, resource mobilization, and efficient service delivery while fostering transparency and accountability (Lasko, 2020).

### *3.4.1. Framework and Legal Basis for PPPs in Yemen*

Recognizing the need to formalize PPPs, Yemen began drafting legislation to regulate public-private cooperation as early as 2008. The government reaffirmed its commitment to PPPs during the 2012 Riyadh Conference, outlining reforms to attract investment and modernize sectors like energy and infrastructure. A draft law submitted in 2010 proposed a legal framework to govern PPPs, focusing on transparency, accountability, and sustainable development (Dialogue Conference, 2014).

The Yemeni constitution emphasizes economic freedom, private ownership rights, and social justice principles. Articles 7 and 10 promote free-market policies, fair competition, and investment incentives while safeguarding property rights (Yemen Constitution, 1994). Law No. 45 of 1999 and Investment Law No. 15 of 2010 further define PPP objectives, including reducing public spending, increasing efficiency, and attracting advanced technologies (Presidency of Yemen, 1999).

### *3.4.2. Challenges Facing PPPs in Yemen*

- **Complex Regulations:** Yemen's legal framework is fragmented, and regulations often lack enforcement mechanisms. High tariffs and unpredictable legal processes discourage foreign investments (World Bank, 2002).
- **Weak Institutions:** Corruption and inefficiency in government institutions hinder the implementation of PPP policies (World Bank, 2018).
- **Yemen's infrastructure ranks among the least developed globally.** Only 40% of the population has access to clean water, and just 35% receive electricity, often facing frequent outages. Poor transportation networks isolate rural areas, further limiting economic growth (Falim, 2018).
- **The country heavily relies on imports, making it vulnerable to external shocks.** Foreign direct investment is minimal due to unclear regulations, lack of enforceable contracts, and land ownership issues (World Bank, 2018).
- **Ongoing conflicts have disrupted economic activities and weakened state institutions, posing risks to private investments and delaying infrastructure projects** (Haque et al., 2020).

### *3.4.3. Government Efforts to Promote PPPs*

Yemen's government has undertaken several initiatives to strengthen PPPs:

1. **Policy Development:** Adoption of laws to encourage investment and protect private-sector partnerships (Presidency of Yemen, 1999).
2. **Infrastructure Focus:** Projects targeting energy, water, transportation, and telecommunications.
3. **Institutional Reforms:** Efforts to reduce bureaucracy, simplify licensing, and provide tax incentives to attract investors (Dialogue Conference, 2014).

#### *3.4.4. Constitutional and Legal Guidelines for PPPs*

The National Dialogue Conference (2014) emphasized integrating PPPs into Yemen's development strategy. Key principles include:

- **Transparency and Accountability:** Ensuring public oversight and accountability in PPP contracts.

- Inclusive Development: Promoting equal opportunities and participation across sectors.
- Investment Incentives: Providing financial and regulatory support to attract private-sector contributions.
- Sustainable Growth: Encouraging long-term projects that align with national development goals (Dialogue Conference, 2014).

#### 4. Conclusion

Yemen's public sector has historically served as a cornerstone for economic growth, social equity, and national stability. It was initially established to address underdevelopment, reduce foreign dependency, and promote resource distribution. However, inefficiencies, financial instability, and over-reliance on oil revenues have exposed structural weaknesses, emphasizing the need for reforms. Privatization and public-private partnerships (PPPs) have emerged as practical strategies to revitalize the economy, improve efficiency, and support sustainable growth. The private sector, despite its transition to a market-driven economy, continues to face challenges such as weak infrastructure, limited industrial diversification, and political instability. Strengthening this sector through reforms, improved financing, and investment-friendly policies is critical for economic resilience.

Moving forward, integrating public-private partnerships offers Yemen an opportunity to address infrastructure gaps, stimulate development, and deliver essential services. Achieving sustainable growth requires clear legal frameworks, enhanced transparency, and collaborative efforts to balance public and private sector roles effectively. Public-Private Partnerships (PPPs) present an opportunity to address Yemen's infrastructure gaps, stimulate growth, and deliver essential services effectively. Despite persistent challenges—such as weak infrastructure, legal barriers, and political instability—ongoing reforms aim to create a more favorable environment for partnerships. The successful implementation of legal frameworks and investment-friendly policies will be critical for Yemen's sustainable development and economic stability.

#### References

- Alfugair, A. H. (2023). The Reality of the Partnership between the Local Management and the Yemeni Universities in the Field of Educational Qualification and Development. *Journal of the Arabian Peninsula Center for Educational and Humanity Researches*.
- Al-Maamari, A. (2019). Public-Private Partnership in Yemeni Law and its Role in Overcoming Contemporary Challenges. *Journal of Social Studies*.
- Al-Qatwi, M. M., & Motaher, N. (2020). The Reality of Partnership between Private-sector Institutions and Yemeni Universities: Challenges and Demands. *The International Journal of Business & Management*.
- Al-Shareem, K. M., Yusof, N., & Kamal, E. M. (2015). External Factors Influencing the Readiness for Implementing Public-Private Partnerships among Public and Private Organizations in Yemen. *Journal of Science and Technology Policy Management*.
- Amari, A. (2019). *Economic Development and Sectoral Contributions in Yemen*. Sana'a: Yemen Economic Review.
- Basahib, N., & Mathna, A. (2005). *Oil Revenues and Economic Stability in Yemen*. Sana'a: Ministry of Oil and Minerals.
- Bashari, A. (1998). *Public Investment and Economic Growth in Yemen*. Aden: Economic Development Institute.
- Bassam, H. (2021). *The Role of the Private Sector in Economic Growth and Employment Creation*. Sana'a: Economic Development Institute.
- Central Statistical Organization. (2018). *Yemen Economic and Social Indicators*. Sana'a: Ministry of Planning and International Cooperation.
- Dailami, M., & Khalid, A. (2013). *Strategic Sectors and State Control in Developing Economies*. Cairo: Arab Development Studies.
- ESCWA. (2021). *The Impact of Conflict on Agriculture and Rural Livelihoods in Yemen*. United Nations Economic and Social Commission for Western Asia.
- Falim, A. (2018). *Challenges and Reforms in Yemen's Public and Private Sectors*. Sana'a: Yemen Economic Review.
- Faris, A. R. (1990). *Public Sector and Economic Development*. Sana'a: Yemen University Press.
- Gerhager, B., & Sahooley, A. (2009). Reforming the Urban Water Supply and Sanitation (UWSS) Sector in Yemen. *International Journal of Water Resources Development*, 25(1), 29–46. <https://doi.org/10.1080/07900620802573668>
- Haque, A., et al. (2020). *Public-Private Partnerships and Infrastructure Development in Conflict-Affected Economies*. World Bank Publications.
- Holst, J., & Gericke, C. A. (2012). Healthcare Financing in Yemen. *The International Journal of Health Planning and Management*, 27(3), 198–225. <https://doi.org/10.1002/hpm.2107>
- Imam, M. (1990). *Privatization and Economic Reforms in Developing Countries*. Aden: Economic Studies Center.
- Jamal, A. (1995). *Economic Policies and State Development in Yemen*. Sana'a: Yemen University Press.
- Mahfouz, M., & Murad, R. (2001). *Economic Centralization and Public Sector Expansion in Arab States*. Beirut: Arab Research Institute.
- Mahfouz, M., & Murad, R. (2002). *Economic Reforms and Private Sector Development in Yemen*. Aden: Economic Studies Center.
- Mansour, K., et al. (2016). *Export Financing and Industrial Growth in Yemen*. Sana'a: Economic Policy Studies Institute.
- Ministry of Agriculture and Irrigation. (2018). *Agricultural Development and Food Security in Yemen*. Sana'a: Government of Yemen.
- Ministry of Planning and Development. (2005). *Yemen's Economic Performance Report 1994–2004*. Sana'a: Ministry of Planning.
- Ministry of Planning. (2010). *Yemen Economic Development and Investment Policies*. Sana'a: Ministry of Planning and International Cooperation.
- Mohsen, Y., & Maqtari, M. (2021). *Economic Challenges and Private Sector Resilience in Yemen*. Sana'a: University of Yemen Press.
- Nasrawi, A. (1990). *The Role of Public Sector in National Development*. Beirut: Arab Research Institute.
- Ouanes, A., & Thakur, S. (1997). *Economic Development Strategies in Developing Countries*. Washington, D.C.: International Monetary Fund.
- Presidency of Yemen. (1999). *Investment Law and Economic Policies for Development*. Sana'a: Ministry of Legal Affairs.
- Qardash, A. A. A. (2024). Assessing Public-Private Partnerships at Aden Container Terminal Using SWOT Analysis. *Scientific Journal for Commercial and Environmental Studies*.
- Sahooley, A. (2003). Public-Private Partnership in the Water Supply and Sanitation Sector: The Experience of the Republic of Yemen. *International Journal of Water Resources Development*, 19(2), 139–152. <https://doi.org/10.1080/0790062032000089275>
- Sofan, S. (2019). *Yemen Bringing Back Business Project*. World Bank Project Report.
- Taheri, Z. (2013). *The Role of Private Enterprise in Economic Growth*. Sana'a: Yemen Development Journal.
- World Bank. (2002). *Yemen Economic Reform and Growth Strategy*. Washington, D.C.: World Bank Publications.
- World Bank. (2018). *Yemen: Economic Challenges and Policy Recommendations*. Washington, D.C.: World Bank Publications.
- Yamouri, N. (2014). Supporting Constructive Engagement between the Government of Yemen and CSOs. Partnership for Development Knowledge Conference. t
- Zafir, M. (1996). *Economic Structure and Public Sector Employment in Yemen*. Sana'a: Yemen Development Institute.
- Zaher, M. (2018). *Historical Perspectives on Economic Systems and State Intervention*. Cairo: Economic Policy Studies.