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Re-defining Public-Private Partnerships: A Contemporary Analysis of Definitions and Frameworks

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Abstract

Background and Purpose: Public-Private Partnerships (PPPs) have gained significant attention as a collaborative mechanism to address complex societal challenges by leveraging the combined resources and expertise of the public and private sectors. However, despite their growing prominence, the conceptual foundations of PPPs remain fragmented, with significant variations in definitions, scope, and frameworks across academic, legal, and institutional sources. This paper aims to critically analyze the evolving definitions and conceptual frameworks of PPPs, identify emerging trends, and propose a redefined framework that aligns with contemporary global challenges.

Methodology: This study adopts a qualitative comparative analysis approach, examining the latest definitions and conceptual frameworks of PPPs from diverse sources, including academic literature, legal documents, and publications from multilateral financial institutions, development financial institutions, international non-governmental organizations, and UN agencies. The analysis involves a systematic literature review, qualitative content analysis, and comparative synthesis, culminating in the development of a re-defined conceptual framework for PPPs.

Findings: The analysis reveals a lack of coherence in PPP definitions, with significant variations in scope, objectives, and emphasis across different sources. Emerging trends include the expansion of PPPs beyond traditional infrastructure projects to encompass broader policy objectives, sustainability, equity, and digital transformation. Key gaps identified include the lack of robust governance frameworks, accountability mechanisms, and empirical evidence on PPP outcomes. The proposed redefined framework integrates contemporary global challenges, emphasizing collaborative governance, sustainable development orientation, equitable value creation, digital transformation, and responsiveness to global challenges.

Implications: The re-defined framework offers a comprehensive and integrated approach to understanding and implementing PPPs, providing valuable insights for policymakers, practitioners, and researchers. It addresses the persistent gaps in literature and institutional definitions, offering a pathway for more effective, sustainable, and equitable public-private collaborations. The paper concludes with a call for further empirical research to validate and refine the proposed framework, ensuring its applicability across diverse sectors and regions.

Keywords: Public-Private Partnerships (PPPs), conceptual framework, sustainability, equity, digital transformation, governance, global challenges.

1. Introduction

Public-Private Partnerships have gained significant attention in recent decades as a means to address complex societal challenges that require the combined resources and expertise of the public and private sectors ([Brinkerhoff & Brinkerhoff, 2011](#)). However, the conceptual foundations of PPPs remain fluid, with a lack of consensus on their precise definition, scope, and underlying frameworks. ([Wang, 2009](#)) ([Gopalan, 2014](#)) This research paper aims to critically analyze the latest definitions, conceptual frameworks, and interpretations of PPPs across diverse literature, legal documents, and institutional perspectives, with the objective of proposing a re-defined conceptual framework that aligns with contemporary global challenges.

This comprehensive examination of PPP definitions and frameworks is essential for policymakers, practitioners, and researchers to navigate the evolving landscape of public-private collaborations and ensure they are designed and implemented effectively to achieve desired outcomes ([Brinkerhoff & Brinkerhoff, 2011](#)) ([Gopalan, 2014](#)) ([Wang, 2009](#)).

The paper begins by providing a critical synthesis of existing definitions and conceptualizations of PPPs from academic literature, laws, and institutional documents, highlighting gaps, contradictions, and evolving trends. The study then presents a detailed analysis of the latest definitions and frameworks from multilateral financial institutions, development financial institutions, international non-governmental organizations, UN agencies, and global authorities, discussing how these definitions align or diverge and their implications for policy and practice. ([Wang, 2009](#))

The analysis of the existing literature on PPPs reveals a lack of consensus on their precise definition and a need for a more comprehensive and contemporary understanding of this concept. This research paper aims to contribute to the theoretical and practical discourse on PPPs by proposing a re-defined conceptual framework that integrates contemporary global challenges, such as sustainability, equity, and digital transformation.

2. Theory and literature on Public-Private Partnerships

The extant literature on public-private partnerships reveals a wide range of definitions and conceptualizations, reflecting the complex and multifaceted nature of these arrangements ([Wang, 2009](#)) ([Gopalan, 2014](#)) ([Brinkerhoff & Brinkerhoff, 2011](#)). Traditionally, PPPs have been viewed as contractual agreements between government entities and private sector partners to jointly develop and/or operate public infrastructure or deliver public services. However, this narrow understanding has evolved over time, with PPPs now encompassing a broader spectrum of collaborative arrangements that can address various policy objectives, service delivery, capacity building, and economic development initiatives. ([Brinkerhoff & Brinkerhoff, 2011](#))

An early review of PPP definitions by Rosenau highlighted the diversity of interpretations, with some emphasizing the sharing of risks and rewards, while others focused on the pooling of resources and skills. ([Wang, 2009](#)) Similarly, a comparative analysis of PPP definitions across the European Union, UK, and Australia found significant variations in the terminology, scope, and legal and regulatory frameworks governing these partnerships. ([Mouraviev & Kakabadse, 2016](#))

More recently, the OECD has defined PPPs as "long-term contractual arrangements between the government and a private partner whereby the private partner delivers and funds public services using a capital asset, sharing the associated risks" ([Vecchi et al., 2021](#)). This definition underscores the long-term nature of these arrangements, the involvement of private financing, and the distribution of risks between the public and private sectors, which are critical elements in understanding the contemporary conceptualization of PPPs. ([Brinkerhoff & Brinkerhoff, 2011](#)) ([Suchman et al., 1990](#)) ([Vecchi et al., 2021](#))

2.1. Emerging Trends and Frameworks in PPP Definitions

Alongside the traditional focus on infrastructure development and service delivery, the definition and conceptualization of PPPs have evolved to encompass a wider range of collaborations that address contemporary global challenges.

The UN Sustainable Development Goals, for instance, have highlighted the potential of PPPs to contribute to sustainable development and the achievement of global development objectives. In this context, PPPs are increasingly being viewed as a mechanism for mobilizing private sector resources, expertise, and innovation to complement public sector efforts in areas such as climate change mitigation, social inclusion, and digital transformation. ([Vecchi et al., 2021](#))

Drawing on the analysis of PPP definitions from academic literature, legal documents, and institutional sources, several key trends and frameworks emerge:

Expanded scope: PPPs are now understood to encompass a diverse range of collaborative arrangements beyond infrastructure, including service delivery, capacity building, and policy development.

Emphasis on sustainability and equity: There is a growing emphasis on ensuring that PPPs align with and contribute to broader sustainability and equity objectives, such as environmental protection, social inclusion, and equitable access to public services.

Importance of governance and accountability: The need for robust governance frameworks, clear accountability mechanisms, and transparent decision-making processes in PPP arrangements has become increasingly recognized.

Integration of digital technologies: The rise of digital technologies has introduced new opportunities and challenges for PPPs, necessitating the incorporation of digital transformation as a key consideration in their design and implementation.

2.2. Conceptual Frameworks of PPPs

Alongside the evolving definitions, various conceptual frameworks have been developed to understand the structure, processes, and outcomes of public-private partnerships. One widely cited framework is the "Dimensions of Publicness" model proposed by Skelcher, which examines the extent to which PPPs align with public sector goals of effectiveness, efficiency, and equity. According to this framework, PPPs can be positioned along a continuum, with some arrangements being more "public-oriented" and others more "private-oriented".

Another prominent framework is the "Sectors and Disciplines" model developed by Hodge and Greve, which categorizes PPPs based on their primary objectives, such as infrastructure development, service delivery, and policy development.

More recently, the "Governance for Sustainability" framework proposed by Andon has highlighted the importance of aligning PPP governance with broader sustainable development objectives, emphasizing principles such as transparency, accountability, and stakeholder engagement.

One prominent framework, proposed by Weihe, outlines four distinct models of PPPs: infrastructural PPPs, focused on the development and operation of public infrastructure; service PPPs, aimed at the delivery of public services; policy PPPs, which contribute to the formulation and implementation of public policies; and capacity-building PPPs, which enhance the capabilities of public sector entities. Building on this, Hodge and Greve have proposed a more comprehensive framework that categorizes PPPs along two primary dimensions: the purpose of the partnership (policy, service delivery,

infrastructure, capacity building, or economic development) and the degree of publicness (i.e., the level of public sector involvement and control). This framework helps to differentiate PPPs based on their intended objectives, such as policy development, service delivery, and economic development, as well as the extent to which they are aligned with public sector goals and values.

Recent developments in the conceptualization of PPPs have also emphasized the importance of integrating sustainability and equity considerations into the design and implementation of these partnerships. This includes considering the environmental and social impacts of PPP projects and ensuring equitable access to the services and benefits they provide.

These conceptual frameworks have been instrumental in advancing the understanding of the diverse nature of PPP arrangements, their underlying motivations, and their implications for the creation of public value across various sectors and disciplines.

2.3. Evolving Trends and Gaps

Despite the proliferation of PPP definitions and frameworks, the literature reveals several emerging trends and persistent gaps that warrant further research and discussion:

Lack of coherence: The extant definitions and conceptualizations of PPPs remain fragmented, with varying terminologies, scopes, and emphasis across different institutional and academic sources.

Evolving purpose: While traditionally focused on infrastructure development and service delivery, the purpose of PPPs has expanded to encompass a wider range of objectives, including policy development, capacity building, and sustainable development. ([Vecchi et al., 2021](#))

Shifting emphasis: There is an increasing emphasis on ensuring that PPPs align with and contribute to broader sustainability and equity objectives, such as environmental protection, social inclusion, and equitable access to public services.

Governance challenges: The need for robust governance frameworks, clear accountability mechanisms, and transparent decision-making processes in PPP arrangements has become increasingly recognized, but implementation remains a persistent challenge.

Digital transformation: The rise of digital technologies has introduced new opportunities and challenges for PPPs, necessitating the incorporation of digital transformation as a key consideration in their design and implementation.

Contextual factors: The success and impact of PPPs are heavily influenced by the broader political, economic, and social context in which they are implemented.

Empirical evidence: There is a need for more robust empirical research to better understand the outcomes and impacts of PPPs, particularly in terms of their ability to deliver public value and contribute to sustainable development.

Public-private partnerships have long been advocated as organizational solutions to pressing societal problems that call for the comparative advantages of government, business, and civil society. However, ongoing questions remain about how to design, manage, and assess PPPs. The large literature on PPPs suffers from conceptual imprecision, and is weakly integrated ([Weihe, 2008](#)) ([Brinkerhoff & Brinkerhoff, 2011](#)).

To address these gaps and strengthen the conceptual foundations of PPPs, this article proposes a re-

definition of public-private partnerships that integrates the latest developments and contemporary global challenges.

3. Methodology

This study adopts a qualitative comparative analysis approach to critically examine the latest definitions and conceptual frameworks of public-private partnerships from a diverse range of sources, including academic literature, legal documents, and publications from multilateral financial institutions, development financial institutions, international non-governmental organizations, UN agencies, and other global authorities.

The analysis involves a multi-step process:

i. Systematic literature review

A comprehensive search was conducted to identify the latest academic and institutional publications on the definitions and conceptual frameworks of PPPs, published over the past decade.

ii. Qualitative content analysis

The collected publications were subjected to a detailed content analysis to extract and categorize the key elements, themes, and perspectives on the definitions and conceptualizations of PPPs.

iii. Comparative analysis

The extracted definitions and frameworks were then compared and contrasted to identify areas of convergence, divergence, and emerging trends.

iv. Synthesis and re-definition

Based on the comparative analysis, a re-defined conceptual framework for public-private partnerships was developed, integrating contemporary global challenges and principles of sustainability, equity, and good governance.

v. Validation and refinement

The proposed re-definition and conceptual framework were reviewed and refined through consultations with academic experts and practitioners in the field of public-private partnerships.

4. Analysis and Discussion

The analysis of the latest definitions and conceptual frameworks of public-private partnerships from diverse sources reveals several key insights. The existing definitions of public-private partnerships vary significantly across academic, legal, and institutional sources, exhibiting a lack of conceptual coherence.

While some definitions emphasize the collaborative nature of PPPs and the joint provision of public services ([Brinkerhoff & Brinkerhoff, 2011](#)), others focus on the contractual arrangements between the public and private sectors ([Wang, 2009](#)). Additionally, the scope and focus of PPP definitions differ, ranging from infrastructure development to broader policy and capacity-building objectives. These variations in definitions can be attributed to the diverse contexts, priorities, and mandates of the institutions and organizations providing these conceptualizations.

This lack of coherence in the definitions of PPPs has implications for the design, implementation, and assessment of these arrangements, as it can lead to misaligned expectations, fragmented approaches, and inconsistent evaluation criteria. ([Gopalan, 2014](#)). The analysis further reveals a set of key trends and developments in the conceptualization and application of PPPs, which have important implications for their design, implementation, and assessment.

This article proposes a re-defined conceptual framework for public-private partnerships that addresses the persistent gaps and emerging trends identified in the literature, integrating contemporary global challenges and principles of sustainability, equity, and good governance.

4.1. PPP Definitions from MFIs, DFIs, INGOs, and UN Agencies and Authorities

Multilateral financial institutions, such as the World Bank, the International Monetary Fund, and the Asian Development Bank, have historically played a prominent role in defining and promoting the use of public-private partnerships. The World Bank, for instance, defines PPPs as "long-term contracts between a private party and a government agency, for providing a public asset or service, in which the private party bears significant risk and management responsibility, and remuneration is linked to performance" ([Wang, 2009](#)).

The IMF, on the other hand, adopts a broader view, defining PPPs as "an arrangement where the private sector supplies infrastructure assets and services that traditionally have been provided by the government". ([Vecchi et al., 2021](#))

Similarly, development financial institutions, such as the Inter-American Development Bank and the European Investment Bank, have developed their own definitions and frameworks for PPPs, often emphasizing the roles of the private sector in financing, building, and operating public infrastructure and services.

International non-governmental organizations, such as Oxfam and the Global Partnership for Effective Development Cooperation, have also contributed to the evolving conceptualization of PPPs. Oxfam, for instance, has been critical of the use of PPPs, arguing that they often prioritize private sector interests over public good and can lead to the commodification of public services.

The United Nations and its specialized agencies have also engaged in defining and shaping the discourse around public-private partnerships. The UN Economic Commission for Europe, for example, defines PPPs as "a long-term contractual arrangement between the public and private sectors where mutual benefits are sought and shared".

These varied definitions and conceptualizations from different institutional sources highlight the lack of a unified and coherent understanding of public-private partnerships, which can pose challenges for their effective design, implementation, and evaluation. ([Vecchi et al., 2021](#)) ([Suchman et al., 1990](#))

4.2. Alignment and Divergence of PPP Definitions

The definitions and conceptual frameworks of PPPs from diverse sources exhibit both areas of alignment and divergence.

On the one hand, there is a general consensus that PPPs involve a collaboration between the public and private sectors, where the private sector plays a significant role in the financing, development, and/or operation of public infrastructure and services. ([Suchman et al., 1990](#)) ([Vecchi et al., 2021](#))

However, the definitions diverge in terms of the specific objectives, scope, and characteristics of PPPs. Some definitions emphasize the contractual nature of PPPs and the transfer of risks to the private sector, while others focus on the broader policy and capacity-building goals.

These divergences can be attributed to the different institutional mandates, priorities, and perspectives of the organizations providing the definitions. In addition to the alignment and divergence observed in the definitions, the analysis also reveals several emerging trends and developments in the

conceptualization and application of PPPs, which have important implications for their design, implementation, and assessment.

4.3. Implications for Policy and Practice

The comparative analysis of the latest definitions and frameworks for public-private partnerships has several implications for policymakers, practitioners, and researchers:

- i. ***Lack of Conceptual Coherence***: The lack of a unified and coherent definition of PPPs across different institutional and academic sources can lead to misaligned expectations, fragmented approaches, and inconsistent evaluation criteria.
- ii. ***Evolving Scope and Objectives***: The definitions and conceptual frameworks of PPPs have been evolving, with a growing emphasis on addressing contemporary global challenges, such as sustainability, equity, and digital transformation.
- iii. ***Balancing Public and Private Interests***: The definitions highlight the inherent tension between the public and private sector interests in PPPs, raising questions about the extent to which public good is prioritized over private profit.
- iv. ***Governance and Accountability Mechanisms***: The definitions and frameworks often do not provide clear guidance on the governance structures and accountability mechanisms necessary to ensure the effective and equitable implementation of PPPs.
- v. ***Lack of Comparative Analysis***: The existing literature on PPP definitions and frameworks is largely siloed within specific institutional or academic domains, with limited comparative analysis across different sources.

5. Theoretical Contributions

Based on the critical analysis of the existing definitions and conceptual frameworks, this research proposes a re-defined conceptual model for public-private partnerships that integrates contemporary global challenges and principles of sustainability, equity, and good governance.

The re-defined PPP framework consists of the following key elements:

- i. ***Collaborative Governance***: PPPs should be underpinned by a collaborative governance model that ensures transparent, accountable, and inclusive decision-making processes, with clear roles and responsibilities for all stakeholders.
- ii. ***Sustainable Development Orientation***: PPPs should be designed and implemented with a focus on achieving sustainable development outcomes, aligning with global frameworks such as the UN Sustainable Development Goals.
- iii. ***Equitable Value Creation***: The benefits and risks of PPPs should be equitably distributed among the public, private, and community stakeholders, with a particular emphasis on addressing the needs of marginalized groups.
- iv. ***Digital Transformation***: PPPs should leverage digital technologies and innovations to enhance public service delivery, improve transparency, and enable more efficient and effective collaboration between the public and private sectors.
- v. ***Global Challenges Responsiveness***: The PPP framework should be adaptable and responsive to emerging global challenges, such as climate change, pandemics, and socio-economic inequalities.

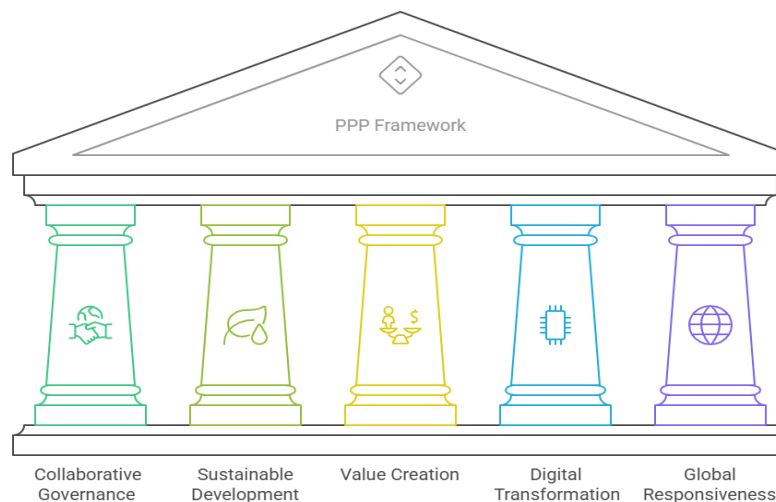
The abovementioned elements constitute the re-defined five-pillar framework of PPPs which is further dependent on and driven through:

- i. **Stakeholder Engagement and Capacity Building:** PPPs should prioritize meaningful stakeholder engagement, particularly with local communities and civil society organizations, and invest in building the capacities of all partners to ensure effective collaboration and implementation.
- ii. **Institutionalized Monitoring and Evaluation:** PPPs should have robust monitoring and evaluation systems in place to assess their performance, impact, and alignment with public interest, with the findings informing continuous improvement and policy development.
- iii. **Ethical Conduct and Integrity:** PPPs should be underpinned by a strong ethical framework that prioritizes integrity, transparency, and the prevention of corruption.
- iv. **Contextual Adaptability:** The PPP framework should be adaptable to different institutional, legal, and cultural contexts, while maintaining the core principles of sustainability, equity, and good governance.
- v. **Generalizability and Scalability:** The re-defined PPP framework should be designed with the potential for generalization and scalability, enabling its application across diverse sectors and geographic regions.
- vi. **Interdisciplinary Collaboration:** The development and implementation of the re-defined PPP framework should be informed by interdisciplinary collaboration, drawing on expertise from fields such as public administration, development economics, sustainable finance, and organizational behaviour.
- vii. **Alignment with Global Frameworks:** The re-defined PPP framework should be aligned with and contribute to the achievement of global frameworks, such as the UN Sustainable Development Goals, the Paris Agreement on Climate Change, and the Sendai Framework for Disaster Risk Reduction.
- viii. **Continuous Learning and Improvement:** The PPP framework should be subject to ongoing review, evaluation, and refinement, with the lessons learned informing future policy and practice.
- ix. **Institutional Capacity Building:** Governments, development agencies, and other stakeholders should invest in building the institutional capacities necessary to design, implement, and monitor PPPs in line with the re-defined framework.
- x. **Alignment with Broader Governance Systems:** The PPP framework should be integrated and aligned with broader public sector governance systems, policies, and reform initiatives to ensure its effectiveness and sustainability.

5.1. Proposed Conceptual Framework for PPPs

The re-defined conceptual framework for public-private partnerships is presented in Figure 1. This framework integrates the key elements outlined in the previous section, providing a holistic and comprehensive approach to the design, implementation, and evaluation of PPPs.

Figure:1



The framework is structured around five core pillars: Collaborative Governance, Sustainable Development Orientation, Equitable Value Creation, Digital Transformation, and Global Challenges Responsiveness. These pillars are underpinned by the principles of Stakeholder Engagement, Institutionalized Monitoring and Evaluation, Ethical Conduct, Contextual Adaptability, Interdisciplinary Collaboration, Alignment with Global Frameworks, Continuous Learning, Institutional Capacity Building, and Alignment with Broader Governance Systems. The proposed conceptual framework for PPPs aims to address the gaps and limitations identified in the existing literature and institutional definitions, providing a more comprehensive, integrated, and contemporary approach to understanding and implementing public-private partnerships.

6. Conclusion

This research paper has critically examined the evolving definitions and conceptual frameworks of public-private partnerships across diverse literature, legal documents, and institutional sources. The analysis revealed a lack of consensus and coherence in the way PPPs are conceptualized, with significant variations and inconsistencies across different frameworks and definitions. ([Forrer et al., 2010](#)) ([Brinkerhoff & Brinkerhoff, 2011](#)) ([Gopalan, 2014](#))

To address these shortcomings, this paper has proposed a re-defined conceptual framework for public-private partnerships that integrates contemporary global challenges, principles of good governance, and a focus on sustainable development and equitable value creation. The key elements of the proposed framework include collaborative governance, sustainable development orientation, equitable value creation, digital transformation, and global challenges responsiveness, underpinned by a set of guiding principles.

The re-defined conceptual framework for PPPs presented in this paper provides a comprehensive and integrated approach to understanding and implementing public-private partnerships in the current

global context. This framework can contribute to more effective, sustainable, and equitable collaboration between the public and private sectors, ultimately leading to improved outcomes for communities and nations worldwide.

The implications of this research are relevant for policymakers, development practitioners, and researchers working in the field of public-private partnerships. Further empirical research is needed to validate and refine the proposed framework through case studies and comparative analyses across different sectors and regions.

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