

# Challenges of Implementing Integrated Project Delivery in the Construction Industry in Egypt

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## Abstract.

The construction industry, being one of the biggest sectors globally, has a crucial part to play in achieving global sustainability goals. However, it faces criticism for practices that impede sustainability in construction projects. This is often attributed to the continued reliance on traditional construction methods and contracts, which typically separate design and construction phases. This separation hampers communication among project stakeholders and hinders construction professionals from offering feedback to improve project performance. Despite various efforts to address the shortcomings of traditional procurement methods and contracts, this issue persists. Integrated Project Delivery (IPD) offers a fresh strategy that combines people, systems, business models, and practices to boost value for clients, reduce waste, encourage teamwork, and increase efficiency throughout the entire project. Nonetheless, integrating this approach into the construction sector in Egypt and the MENA region encounters several hurdles. This study aims to explore the challenges associated with implementing IPD in Egypt's construction industry. This research employs a qualitative approach, grounding its findings in a thorough review of literature and detailed case studies. It explores the nature of the construction industry, sustainability efforts, construction contracts, and IPD. Furthermore, it includes an analysis of three case studies to shed light on the benefits of implementing IPD in construction projects.

**Keywords:** Challenges; Integrated Project Delivery, Sustainability, The Construction Industry; Contracts.

