

Stakeholder Management in Public-Private Partnership Projects: Stakeholder Analysis, Engagement Strategies, and Conflict Resolution Mechanisms

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Abstract: *This study examines stakeholder management in Public-Private Partnership (PPP) projects through a comprehensive analysis of stakeholder networks, engagement strategies, and conflict resolution mechanisms. Using data from 56 infrastructure projects (17 public, 30 private, and 9 PPP projects) and the World Bank's Private Participation in Infrastructure database covering 2020-2022, this research reveals significant differences in stakeholder engagement patterns across project types. Network analysis shows that PPP projects exhibit higher centralization (average betweenness centralization: 0.30) compared to public (0.09) and private projects (0.10). The study identifies four critical conflict prevention measures and develops a framework for optimizing stakeholder engagement in PPP contexts. Findings indicate that projects with higher stakeholder network density achieve 23% better cost performance, while inadequate engagement contributes to 67% of PPP project delays globally*

Keywords: Public-Private Partnership, Stakeholder Management, Conflict Resolution, Network Analysis, Infrastructure Projects