

# **THE ANALYSIS AND ALLOCATION OF RISKS IN PUBLIC PRIVATE PARTNERSHIPS IN INFRASTRUCTURE PROJECTS IN SRI LANKA**

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## **ABSTRACT**

The main aspiration of this research to find out Risks in Infrastructure Projects which use Public Private Partnership (PPP) as procurement method in Sri Lanka and Analyzed and Allocation of risk factors to each party. Furthermore, the significance of the risk allocation was found out. This research used mix method and both qualitative and quantitative data was collected. To collect data, Questionnaire was distributed, and Interviews were conducted over the industrial professionals who have knowledge and experience in PPP infrastructure projects. Furthermore, secondary data was collected through literature survey and past project reports. RII method was used to rank identified risk factors and risk allocation methods were used. After allocation, content analysis was used to analyze significance of the risk allocation. As per the analyzed data, 30 risk factors were found out from literature survey and further 32 risk factors were identified by questionnaire survey. 6 risk factors were identified which should be borne solely by public party. 12 risk factors should be borne solely by private party while 05 risk factors as borne primarily. 03 risk factors should be considered shared and remaining 04 risk factors are allocated as project dependent risk factors. Moreover, 32 risk factors were found through open ended questionnaire except those 30 risk factors. They were 10 risk factors to public party, 16 risk factors for private party and 06 risk factors to be shared by both parties. Main findings for significance of the risk factor allocation for both parties were foresee risk factors before they occur, giving opportunity to enhance project performance, investors can invest in a suitable project, give better understanding about project and the contract partner, partners have enough time to get precautions for adverse events and further they can execute better risk management practices to mitigate or avoid relevant risks etc.

**Keywords - Public Private Partnership, Infrastructure Projects, Risk allocation, Risk of Private, Risk of Public**