



Public-Private Partnerships Update Number 3 (Second edition) 2008

A selection of recent publications on public-private partnerships (PPPs) with particular emphasis on financing transport infrastructure.

This is an update of a Hot Topic first released in 2006. [Click here to view original issue.](#)

Current as at 2008. Please contact your nearest transport library if you are looking for more recently published items on this topic.

1 A game theory approach for the allocation of risks in transport public private partnerships

Medda F

International Journal of Project Management 2007

Volume 25, Number 3, pages 213-218

One of the consequences arising from public-private partnerships (PPPs) is the possibility for the private and public sectors to share and allocate the risk associated with the investment and partnership. This article looks at the process of risk allocation as a bargaining process between the two agents, modelled with a final offer arbitration game. It specifically looks at PPPs for transport infrastructure projects.

2 Urban rail transit PPPs: survey and risk assessment of recent strategies

Phang S

Transport Policy 2007

Volume 14, Number 3, pages 214-231

While privatisation has been prevalent in the transport, utility and infrastructure sectors, in the US there has been little privatisation in the urban rail transit sector. This article reviews the theoretical literature on the public procurement versus public-private partnerships decision in the context of rail transit, and assesses the risks involved in entering these partnerships.

3 Transportation planning and infrastructure delivery in major cities and megacities

Amekudzi AA, Thomas-Mobley L, Ross S

Transportation Research Record 2007

Number 1997, pages 17-23

The number of major cities and megacities is increasing globally. Only one megacity existed in 1950, more than 20 megacities currently exist—and ongoing urbanization inevitably will ensure that several major cities achieve megacity status. Transportation planning and infrastructure delivery and more specifically, the scope of the long-range transportation planning framework, infrastructure performance reporting practices, and public-private partnerships are examined in this paper relation to providing adequate transportation infrastructure for megacities.

6 The looming crisis in transportation

Vantuono WC
Railway Age 2007
Volume 208, Number 3, pages 26-29

America's underfunded and overworked freight infrastructure is heading towards a crisis according to experts, who agree that public-private partnerships are the best way to deal with this looming challenge.

7 Development of asset management evaluation framework in rail transit environment: London underground public-private partnership

Adeney WE, Asier S, Woods M
Transportation Research Record 2006
Number 1986, pages 21-28

In 2003 the London Underground was restructured and the maintenance and renewal of the infrastructure, fixed and rolling stock, were contracted out under a public-private partnership. The position of an arbiter was also established to oversee these contracts and an asset management evaluation framework was developed. This paper looks at this framework and makes suggestions on how it could be developed further.

8 Public-private partnership: a study on the economics and financing alternatives of transport infrastructure production

Murtoaro J
2006
Helsinki University of Technology, Finland
Online [accessed 4 July 2008]. [Click here](#) to view

As public-private partnership activity has increased as a means of organizing the production of major infrastructure assets and services in the economy globally, it has attracted increasing attention among scholars. However, given the relatively recent introduction of PPP schemes, there is not as yet a substantial body of academic literature on such projects. This study contributes to knowledge in the scope of PPP in the Finnish transport sector by subjecting the two first concerns to a multi-disciplinary study, grounded in the theories of industrial organization and investment, project business literature, research on project finance and public procurement legislation.

9 Closing the infrastructure gap: the role of public-private partnerships

Eggers, WD, Startup, T
2006
Deloitte Research
Online [accessed 4 July 2008]. [Click here](#) to view

International advisory firm Deloitte has produced two reports, one global and one with a United States focus, examining the cited benefits and also the criticisms levelled against PPPs. The reports include discussion of a range of sectors, including transportation.

10 Report to Congress on the costs, benefits and efficiencies of public-private partnerships for fixed guideway capital projects

Department of Transportation

2007

Federal Transit Administration, United States

Online [accessed 4 July 2008]. [Click here](#) to view

This report discusses the various types of PPPs applicable to transit capital projects, and presents the impacts of using PPPs for transit capital projects in terms of costs, benefits, efficiencies, and effectiveness. It also discusses other implications of applying PPPs to transit projects, including risk sharing, technical and operational considerations, cultural and political environment, and public service impacts.

12 The PPP: two years in: the Transport Committee's scrutiny into the progress of the PPP

London Assembly Transport Committee

2005

Greater London Authority, United Kingdom

Online [accessed 4 July 2008]. [Click here](#) to view

Two years after the PPP contracts were signed for the management of the London Underground, this report reviews their performance.

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