

What is PPP?

There exists no standard definition of what constitutes the PPP. In Korea the PPP is a project to build infrastructure with capital, creativity and efficiency of the private sector.



"agreement between the government and one or more private partners"

"service delivery objectives of the government = profit objectives of the private partners"



"arrangements typified by joint working between the public and private sectors" "covering "all types of collaboration across the private-public sector"





"project to build infrastructure with private capital"
"tapping the creativity and efficiency of the private sector"

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Institutional Arrangement and Reform on Korean PPPs Background in Chronology Chronologically, the changes in the nation's PPP project characteristics can be roughly divided into four periods. **Chronological Change and Characteristics of Korean PPP** 1968-1994 Sporadic promotion of PPPs based on 2005individual laws 1999-2004 · Serious shortage of 1994-1998 · Inclusion of nine infrastructure residential facilities · Act on Private infrastructure facilities Participation in Act on promotion of in the scope of PPPs Infrastructure private capital · Abolition of minimum investment in social · Reinvigoration of revenue guarantee overhead capital private sector's and introduction of investment and · Formulation of policy government project participation package for inducing compensation of base private participation cost

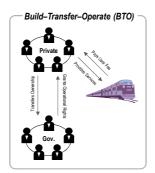
Institutional Arrangement and Reform on Korean PPPs Institutional Setting Institutional settings including legal framework and organizational effectiveness over decision process have been critical factors for promoting PPP projects. **Institutional Setting** Legal Framework Organizational Decision Process • The PPP Act and the PPP Enforcement Decree are • Under the PPP Act, the PPP Review Committee the principal components of the legal framework for (PRC) is organized and managed by the Finance PPP projects. As a special act, the PPP Act takes Ministry. priority over other acts. • The government established the PPP Project • If the competent authority has issued the public Dispute Mediation Committee under the direct notice of DEDPI, the authorizations and permissions jurisdiction of the Finance Ministry by revising the prescribed in the laws concerning the relevant PPPs PPP Act and Enforcement Decree in 2011. are considered granted.

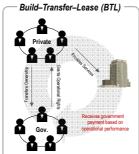
	chemes – 1 Eligible Infrastructure F	acility Types by S	ector				
	the PPP Act, 48 types of facil s including not only economic						
Sector Infrastructure Type		Sector	Infrastructure Type				
Road (4)	Roads and ancillary facilities, parking facilities, intelligent transport systems and transfer centers, bicycle facilities	Logistics (2)	Distribution complexes and cargo terminals, passenger terminals				
Rail (3)	Railways, railway facilities, urban railways	Culture &Tourism (9)	Tourist sites or complexes, youth training facilities, public and/c professional sports facilities, libraries, museums and art galleric international conference facilities, cultural facilities, urban parks				
Port (3)	Port facilities, fishing port facilities, eligible facilities for new port construction	Education (1)	Pre-schools and schools				
Airport (1)	Airport facilities	National Defense (1)	Facilities for military training and military residency and ancillary facilities for serviceperson's welfare and sports activities				
Water resources (3)	Multipurpose dams, river-affiliated ancillary structures, waterworks	Housing (1)	Public rental housing				
Communications (5)	Telecommunication facilities, information communication systems, information superhighway, Geographic information systems, ubiquitous urban infrastructure	Welfare (3)	Senior homes and welfare medical facilities and facilities for remarried seniors, public health and medical facilities, child care facilities, welfare facilities for the disabled				
Energy (4)	Electric source facilities, gas supply facilities, collective energy facilities, renewable energy facilities	Forestry (2)	Natural recreational resorts, arboretums				
Environment (5)	Sewage and sewage treatment facilities, waste treatment facilities, public livestock treatment facilities, wastewater treatment facilities, recycling facilities	Industrial (1)	Industrial complex facilities				

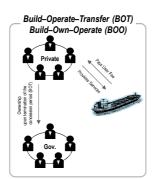
Institutional Arrangement and Reform on Korean PPPs

Procurement Schemes - 2 Procurement Methods

Eligible procurement methods are divided into BTO and BTL, depending on the structure of the PPPs. Other methods, such as BOT and BOO are applicable as well.







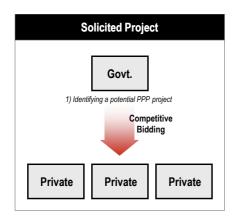
- Ownership of the infrastructure facilities is transferred to the government upon completion of construction, and the concessionaire is granted the right to operate them and gain a return on investment.
- Ownership of the infrastructure facilities is transferred to the government upon completion of construction, and the concessionaire is granted the right to operate them and receive government payments.
- The concessionaire owns and operates the infrastructure facilities upon completion of construction. But ownership is transferred to the government upon termination of the concession period in case of BOT.

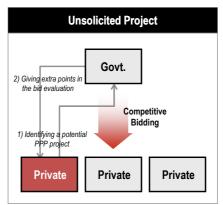
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Institutional Arrangement and Reform on Korean PPPs

Procurement Schemes - 3 Procurement Initiation

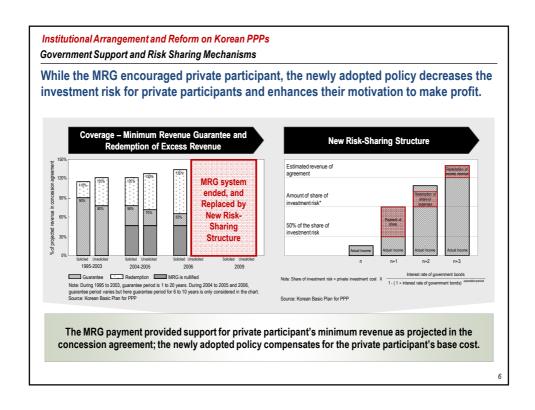
Government has recently made efforts to promote more solicited projects, since they can be implemented in line with the overall infrastructure investment plan and priorities.

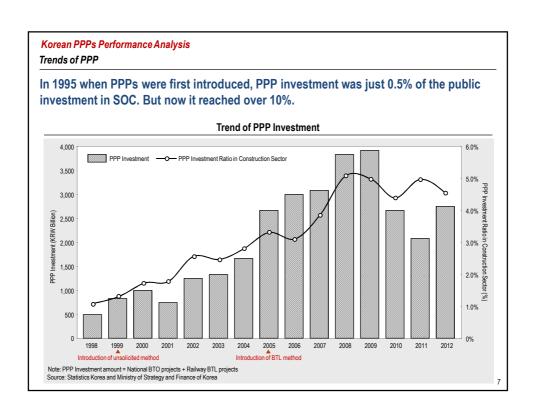


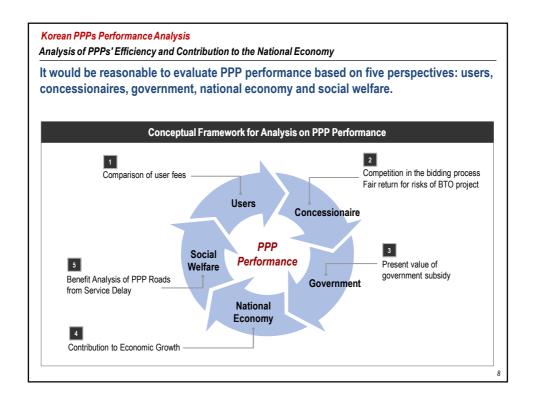


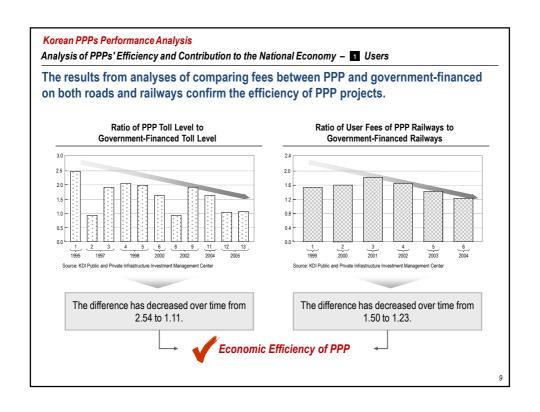
Solicited projects have not attracted much intention from the competent authority because it takes considerable time and costs to initiate a PPP project, whereas unsolicited projects have been actively sought and implemented because the private sector assumes associated costs and risks.

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Korean PPPs Performance Analysis

Analysis of PPPs' Efficiency and Contribution to the National Economy - 2 Concessionaire

PPP environment for private participants has become more competitive over time, enhancing its economic efficiency.

Number of Bidders on PPP by Year

Year		Number of Bidders					Percentage			
Year	1	2	3	4	Total	1	2	3	4	
1995	1				- 1	100				
1997	2	1			3	67	33			
1998	1	1			2	50	50			
1999	5	1			6	83	17			
2000	7				7	100				
2001	6	4			10	60	40			
2002	4	1		2	7	57	14		2	
2003	5	3	1	1	10	50	30	10	1	
2004	1				1	100			Г	
2005	7	1	1		9	78	11	11		
2006	1			1	2	50			5	
2007	3				3	100				
Under Negotiation	5	1	2		8	63	12	25		
Total	48	13	4	4	69	69	19	6	6	

Results of Fair Return for BTO Road Projects

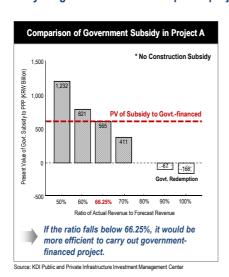
		Concession	Results			
Project	Real	Nominal	GB5	Premium Against 5vr KTB	Fair Premium	Excess Return
A - expressway	9.70	15.19	4.88	10.31	5.60	4.71
B - expressway	9.34	14.81	3.67	11.14	3.18	7.96
C - expressway	9.24	14.70	4.47	10.23	3.80	6.43
D - expressway	9.83	14.85	4.29	7.93	3.04	4.89
E – tunnel	8.03	12.35	4.77	7.58	4.74	2.84
F – bridge	9.20	14.66	4.19	10.47	3.32	7.15
G - expressway	8.48	13.90	6.33	7.57	3.46	4.11
H - expressway	8.86	14.30	4.41	9.89	3.50	6.39
I - expressway	8.28	13.69	5.13	8.56	2.69	5.87
J – bridge	8.20	13.61	5.16	8.45	3.57	4.88
K – bridge	8.00	12.32	4.88	7.44	2.43	5.01
L - expressway	8.00	12.32	4.88	7.44	3.82	3.62
M - expressway	7.01	11.29	11.29	3.89	3.63	3.77
N - expressway	7.04	11.70	11.70	3.89	3.61	4.20

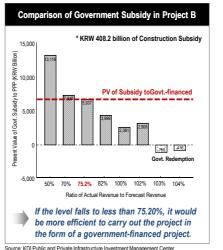
Source: KDI Public and Private Infrastructure Investment Management Center

Korean PPPs Performance Analysis

Analysis of PPPs' Efficiency and Contribution to the National Economy - 3 Government

To examine its efficiency, the government subsidy is needed to be compared with the subsidy for government-financed public projects.





Source: KDI Public and Private Infrastructure Investment Management Center

