

출장보고서

Seminar on Infrastructure PPP Development and Financing Issues in the
Asia-Pacific Region

목 차

I. 출장 개요	1
II. 일정	2
III. 주요내용	5

2015. 8.

I. 출장 개요

- 출장명 : Seminar on Infrastructure PPP Development and Financing Issues in the Asia-Pacific Region
- 출장목적 :
 - 대만 공무원 대상으로 한국의 민간투자사업 제도 및 경험과 KDI 공공투자관리센터의 PPP 경험 발표
 - 대만의 PPP 시설 방문
- 출장기간 : 2015년 8월 13일(목)~14(금), 1박 2일
- 대상국가 및 기관 :
 - 대만(Ministry of Finance, R.O.C)
- 주요 내용 :
 - 대만은 ADB, 호주, 대한민국의 PPP 제도 및 운영 경험의 전수를 통해 자국의 PPP 제도 개선을 도모하고자 KDI PIMAC 등에 민자제도 교육을 요청하였음.
 - 본 교육은 대만 민자사업 관련 중앙 및 지방 공무원 대상으로 진행되었음.
- 출장자 : 박수진 팀장, 서승호 전문연구원

II. 일정

- 출장 세부일정

일 정	내 용	비 고
8.12(수) 11:00	(이동) 인천공항 → 타오위안 공항	6시간 소요 (시차 1시간)
17:00	타오위안 공항 도착 및 숙소로 이동	
8.13(목) 09:00~17:00	세미나	
8.14(금) 08:00~16:00	대만 PPP시설 방문	
8.14(금) 16:00~22:00	(이동) 타오위안 공항 → 인천공항	6시간 소요
8.14(금) 22:00~	인천공항 도착 및 해산	

☐ 교육 세부일정

○ 1stDay(8.13)

time	Agenda	Speaker
08:30-09:00	Registration	
09:00-09:15	Opening Remarks	Mr. Chang Sheng-ford, Minister of Ministry of Finance, Taiwan
09:15-09:30	Group Photo	
Session 1 The Trend of Infrastructure PPP Projects in the Asia-Pacific (Chaired by Dr. Chang Fan, Political Deputy Minister of Ministry of Finance, Taiwan)		
09:30-10:30	The Experience in Promoting PPP Modality around the Asia-Pacific	Mr. Trevor Lewis, Senior Infrastructure Specialist, ADB
	Australia's PPP Experience and Lessons	Mr. Bradley Burch, Senior Infrastructure Analyst, ACT Government, Australia
	Korea's PPP Experience and Lessons	Mr. Soojin Park, Specialist of Finance and International Cooperation Unit, PIMAC, KDI
10:30-10:45	Coffee Break	
Session1 : The Trend of Infrastructure PPP Projects in the Asia-Pacific (Continued) (Chaired by Dr. Chang Fan, Political Deputy Minister of Ministry of Finance, Taiwan)		
10:45-12:00	The Development and Challenge to Promoting Private Participation in Taiwan	Mr. Tseng Kuo-chi, Director-General of Department for the Promotion of Private Participation, Ministry of Finance, Taiwan
	The Recent Development of PPP in APEC(TBD)	Mr. Zhiwei Lu, Program Director, APEC Secretariat
	The Evaluation of PPP Investment Environment of Taiwan	Dr. Huang Chung-che, Consultant of Taiwan Institute of Economic Research
	The PPP Experiences of Other Countries	This session will be open for participants from abroad.
Discussion & Conclusion		
12:00-	Lunch	

time	Agenda	Speaker
13:30	Session 2 Discussion of PPP Financing Issues (Chaired by Mr. Tseng Kuo-chi, Director-General of the Department for the Promotion of Private Participation, Ministry of Finance, Taiwan)	
13:30-15:00	The Challenges of Infrastructure Investment—from Investors' Perspective	Ms. Vanessa Wang, Managing Director of Asia-Pacific, Markets and Securities Services, Citi
	The Financing Experience in Promoting Private Participation in Taiwan	Ms. Priscilla Hsing, Vice President & Deputy General Manager, Head Office-Foreign Dept., Megabank
	Discussion & Conclusion	
15:00-15:15	Coffee Break	
Session 3 The Operational Experiences of PPP Centers in the Asia-Pacific Region (Chaired by Mr. Tseng Kuo-chi, Director-General of the Department for the Promotion of Private Participation, Ministry of Finance, Taiwan)		
15:15-17:00	The Framework and Operational Experience of PPP Center in Australia	Mr. Bradley Burch, Senior Infrastructure Analyst of ACT Government, Australia
	The Framework and Operational Experience of PPP Center in Korea	Mr. Soojin Park, Specialist of Finance and International Cooperation Unit, PIMAC, KDI
	The Framework and Operational Experience of PPP Center in Taiwan	Ms. Lee Chia-chen, Deputy Director-General of Department for the Promotion of Private Participation, Ministry of Finance, Taiwan
	The Experiences of PPP Centers' Operation of Other Countries	This session will be open for participants from abroad.
Discussion & Conclusion		
17:00	Closing	
18:00	Dinner	

○ 2ndDay(8.14)

time	Program Description
09:00	Depart from Howard Civil Service International House
09:00-10:00	To 雲門劇場
10:00-11:00	Site Visit 1. 雲門劇場
11:00-11:20	To Danshui Sewage Treatment Plant
11:20-12:00	Site Visit 2. Danshui Sewage Treatment Plant
12:00-12:20	To Fullon Hotel Danshui Fishermen's Wharf
12:10-12:40	Site Visit 3. Fullon Hotel Danshui Fishermen's Wharf
12:40-14:00	Lunch
14:00~	To Taoyuan International Airport

Ⅲ. 주요내용

1. 주제발표

일시 : 2015.8.13(목) 09:00~

장소 : Howard Civil Service International House

주요 질의응답 내용

주 제	내 용
Korean Experience and Lesson	<ul style="list-style-type: none"> ○ Overview of Korea PPP system <ul style="list-style-type: none"> - Legal Framework for PPP - The PPP Basic Plan and PRC - Process of Solicited PPP Projects - Process of Unsolicited PPP Projects - Investment Trends of PPP - Both BTO and BTL types are common - Elaborated VFM test ○ Revision of risk allocation

	<ul style="list-style-type: none"> - Risk Sharing Scheme - Government Support <ul style="list-style-type: none"> · Construction Subsidy · MRG(Now Abolished) · KCGF - Criticism against BTO - VFM optimization - Nes Risk <ul style="list-style-type: none"> · Sharing <p>○ Summary and Lessons</p>
The operational Experience of Korea	<ul style="list-style-type: none"> ○ PPP Operation Management Framework in Korea <ul style="list-style-type: none"> - Evolution of PPP Monitoring and Evaluation in Korea - Process of Solicited PPP Projects - Monitoring & Evaluation by Project Cycles ○ Intermediate & Ex-post Management <ul style="list-style-type: none"> - VFM Test - Objectivity, Consistency and Independence - Intermediate & ex-post management - BTL Performance evaluation - InfraInfo DB system ○ Comprehensive Ex-post evaluation <ul style="list-style-type: none"> - Ex-post VFM test - Macro-level evaluation - Stakeholder satisfaction Survey ○ Conclusion & Lesson

2. 대만 PPP 시설 방문

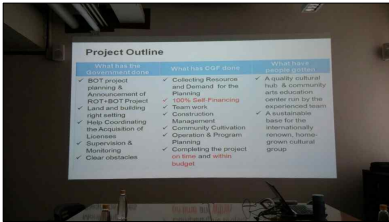
일시 : 2015.8.14(금) 08:30~16:00

장소 : 雲門劇場, Danshui Sewage Treatment Plant, Fullon Hotel Danshui Fishermen's Wharf

□ 주요 내용

(1) 雲門劇場

- 시설유형: BOT 시설(공연장 문화시설)
- 주요시설:



- 주요내용
 - 기존 낡은 시설에 다용도 공연장을 BOT 방식으로 건설함.
(기존 건물은 박물관 및 사무실로 이용)
 - 대만의 많은 예술인을 발굴해 왔으며, 시민에게도 다양한 문화를 접할 수 있는 계기가 됨.

(2) Danshui Sewage Treatment Plant

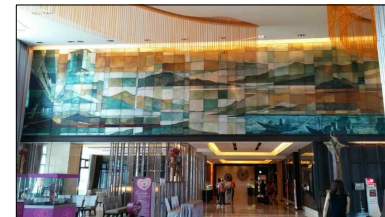
- 시설유형: BOT 시설(하수도 환경시설)
- 주요 시설:



- 주요내용
 - 주무관청: Taipei County Government
 - 양허기간: 2015년 ~ 2040년(35년)
 - 사업규모: 하수관거 L=52,666km, 56,763세대 연결
 - 현재 2단계 시설 건설 중(2014.8~2016.4)

(3) Fullon Hotel Danshui Fishermen's Wharf

- 시설유형: BOT 시설(호텔 관광시설)
- 주요시설:



- 주요내용
 - 주무관청: New Taipei City Government
 - 운영개시일: 2011년6월10일
 - 사업규모: 건축면적 32,175㎡, 객실 198개, 식당 및 매장
 - 타이페이 항구에서 호텔까지의 이동경로를 다리 및 경전철로 신설할 예정에 따라 접근성이 현재보다 더욱 용이해지고, 주변 관광지와 연계할 예정
 - ※ 다리 및 경전철 시설도 PPP 방식으로 진행할 예정
 - 매년 수익률이 증가하고 있으며, 상위 PPP 사업이 완료되면 방문객 수요와 수익률은 증가할 것으로 예상