The World Bank Group

Public-Private Infrastructure Advisory Facility

PRIVATE PARTICIPATION
IN INFRASTRUCTURE DATABASE

PPI Project Database

Understanding data entry and report generation

Database structure

- The database has more than 30 fields to track project features.
- There are two types of fields:
  - Single entry
    - Single-entry fields include financial or contractual closure date, type of PPI, sector, status, contract period, award method, region, income group, and IDA status.
  - Multiple entry
    - Multiple-entry fields include investment commitments, subsector, segment, project capacity, private sector share, private sponsors, multilateral support, type of services provided, and technology.
- The structure can capture projects implemented in phases and providing more than one infrastructure service.
  - Privatizations in tranches
  - Additional investment in projects whose commitments are based on service quality or driven by competition (such as mobile operators)
- But it creates challenges for building and running reports.

Project record: example 1 with multiple investment years

Telefonica de Argentina			
Related names:			
Country/Region:	Argentina/Latin America and the Caribbean		
Financial closure:	11/1990	**Status:**	Operational
Location:	Argentina		
Project company:	Telefonica de Argentina		
Type of PPI:	Divestiture	**Subtype of PPI:**	Full
Contract period:	..	**Termination year:**	..
Publicly traded:	Yes	**Stock market:**	
Contract award method:	..		
Government granting contract:	..	**Type of government support:**	
Bid criteria:	..	**No. of bids:**	..
Number of systems:	1		
Primary sector:	Telecom	**Secondary sector:**	N/A

Infrastructure services		
Subsector	**Segment**	**Technology**
Telecom	Fixed access and long distance	Cable, WLL

Sponsor info		
Sponsor name	**% ownership**	**Sponsor country**
Telefonica SA	98	Spain

Continued

Project record: example 1 with multiple investment years

Telefonica de Argentina

History

Year	% private	Payment commitments to the government*	Investment commitments in physical assets*	Capacity	Type	Government cash subsidy commitments*
1990	70	650	0	1700	Number of connections (thousands)	
1991	100	838	411			
1992	100	0	412			
1993	100	0	916			
1994	100	0	905			
1995	100	0	1073			
1996	100	0	786			
1997	100	0	531	3700	Number of connections (thousands)	
1998	100	0	558			
1999	100	0	260.3			
2000	100	0	285.5			
2001	100	0	262.8	4555	Number of connections (thousands)	
2002	100	0	42.7	4561	Number of connections (thousands)	
2003	100	0	45.3	4570	Number of connections (thousands)	
2004	100	0	120.5	4615	Number of connections (thousands)	
2005	100	0	163	4728	Number of connections (thousands)	
2006	100	0	186.2	4818	Number of connections (thousands)	
2007	100	0	191	4916	Number of connections (thousands)	
2008	100	0	476	4603	Number of connections (thousands)	0

Multilateral support

Year	Agency	Support type	Support amount*
1993	IFC	Loan	30
1993	IFC	Quasi-equity	30
1993	IFC	Syndication	90

*in current US$ millions

Project record: example 2 with single investment year

Nam Theun II Hydropower Project			
Related names:			
Country/Region:	Lao PDR/East Asia and Pacific		
Financial closure:	04/2005	**Status:**	Construction
Location:	Nam Theun River, Khammouane province		
Project company:	Nam Theun 2 Power Company Ltd		
Type of PPI:	Greenfield project	**Subtype of PPI:**	Build, operate, and transfer
Contract period:	25	**Termination year:**	..
Publicly traded:	No	**Stock market:**	
Contract award method:	..		
Government granting contract:	Federal	**Type of government support:**	
Bid criteria:	..	**No. of bids:**	..
Number of systems:	1		
Primary sector:	Energy	**Secondary sector:**	N/A

Infrastructure services		
Subsector	**Segment**	**Technology**
Electricity	Electricity generation	Hydro

Sponsor info		
Sponsor name	**% ownership**	**Sponsor country**
Electricite de France	35	France
Italian-Thai Development Public Company	15	Thailand

Continued

Project record: example 2 with single investment year

Nam Theun II Hydropower Project

History

Year	% private	Payment commitments to the government*	Investment commitments in physical assets*	Capacity	Type	Government cash subsidy commitments*
2005	75	0	1250	1075	MW	

Multilateral support

Year	Agency	Support type	Support amount*
2005	ADB	Guarantee	50
2005	ADB	Loan	70
2005	EIB	Loan	55
2005	IDA	Guarantee	42
2005	IDA	Loan	20
2005	MIGA	Guarantee	91
2005	Other	Loan	131

*in current US$ millions

Customized reports

- Reports are built using the set of projects that meet the criteria selected by the user.
  - Criteria include region, country, sector, year of financial closure, and type of PPI.
  - All data reports are built this way.
  - There is no aggregated data set from which to extract annual, regional, or sector totals.
- There are two types of reports:
  - Summary data reports
  - Project information reports
- Reports are built taking into account data features.
  - For projects whose investment commitments are set at the closure date:
    - There is one closure year and one investment year, and the two are the same.
    - There is one figure for investment, for capacity, for percentage private, and so on.
  - For projects whose investment commitments depend on service quality or competition:
    - There is one closure year, which is the same as the first investment year.
    - There are multiple investment years (depending on data availability).
    - For example, Telefónica de Argentina has 1990 as the financial closure year and 19 investment years (1990–2008).

Summary data reports

- Goal: provide data to analyze trends in a set of projects
- Two reports
  - **Number of projects summary**
    - Counts projects that meet selection criteria by closure year
    - Not affected by the multiple-entry fields
  - **Investment summary**
    - Totals investment data for projects that meet selection criteria by investment year.
    - If selected closure years are from 2006 to 2008, only investments in projects closing in these years are totaled and reported by investment year (2006, 2007, and 2008).
    - Projects with a financial closure year before 2006 are not included in this investment report, even if they had investments in 2006, 2007, or 2008.
- Data can be aggregated using up to five fields.
- An exception: cross-border projects
  - If country field is used to aggregate data, such projects are counted once for each country in which the project is implemented.
  - If country field is not used to aggregate data, such projects are counted once.

Running a summary data report

1. Go to **Get Data** tab, then go to **Obtain summary data or project-level data using your selection criteria** and select **Summary Data Reports** there.

2. From the Report dropdown list, choose the desired report (Number of projects summaries or Investment summaries).

3. Select up to five fields (data columns) for aggregating the data.

4. Determine the projects to be included in the report by selecting:

   ◦ The financial closure period (the default is from 1990 to 2008)

   ◦ One or all sectors (the default is all sectors)

   ◦ Within each sector, one or multiple subsectors (the default is all)

   ◦ One or several regions or countries (the default is all regions)

   ◦ One or several types of PPI (the default is all)

   ◦ One or several project statuses (the default is all)

   ◦ All projects or only cross-border ones (the default is all projects)

5. Then click on the Generate Report icon.

6. The report aggregates data for projects that meet the criteria selected in step 4, using the aggregation fields selected in step 3.

7. The report can be exported to Excel or Word or saved as a PDF file.

Project information reports

- Goal: provide project-level information
- Nine reports
  - **Individual project information:** shows all information recorded for a particular project in display mode.
  - **Project all data:** shows all project data for the selected projects in a tabular format.
    - Each row represents project data for a particular year; a project has as many rows as it has years of data recorded in the database.
  - **Project investment:** summarizes investment in each project for all available years.
  - **Project capacity:** displays latest available project capacity information.
  - **Project government support:** reports such support as subsidies and guarantees.
  - **Project multilateral support:** reports support from multilateral institutions.
  - **Project sponsors:** provides information on sponsors, including nationality and percentage stake in the project.
  - **Project technology/fuel:** applies only to electricity generation, fixed-access telecommunications, and port terminal projects.
  - **Project additional information:** includes location of the project, type of government granting contract, length of contract period, and termination year.

Running a project information report

1. Go to **Get Data** tab, then go to **Obtain summary data or project-level data using your selection criteria** and select **Project Reports** there.
2. From the Report dropdown list, choose the desired report.
   ◦ The *project all data* and *individual project information* reports are the only ones containing all information available for a project.
3. Determine the projects to be included in the report by selecting:
   ◦ The financial closure period (the default is from 1990 to 2008)
   ◦ One or all sectors (the default is energy)
   ◦ Within each sector, one or multiple subsectors (the default is all)
   ◦ One or several regions or countries (the default is Armenia)
      • For an *individual project information* report, up to 10 countries can be selected.
   ◦ One or several types of PPI (the default is all)
   ◦ One or several project statuses (the default is all)
   ◦ All projects or only cross-border ones (the default is all projects)
   ◦ If the Sponsor box is checked, a specific sponsor can be selected from a dropdown list.
4. Then click on the Generate Report icon.
5. The report lists all projects that meet the criteria selected in step 3. The information available for each project depends on the type of report chosen.
6. The report can be exported to Excel or Word or saved as a PDF file.

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Further questions, contact the PPI helpdesk at
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