



## PRIVATE PARTICIPATION IN INFRASTRUCTURE DATABASE

PPI data update note 51

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### High level of private activity in energy, transport, and water in IDA countries in 2010

In 2010, 24 energy, transport, and water projects with private participation reached financial or contractual closure in 12 of the 63 IDA countries involving investment commitments of US\$7.5 billion<sup>1</sup>.

That investment represents a record level compared with the US\$1 to US\$3 billion annual investment's range of the last five years (US\$1 billion in 2009). The number of projects also increased significantly with nine additional projects compared to 2009.

This increase was driven mostly by the **energy** sector (Table 1), which accounted for 19 of the 24 new projects and for US\$6.8 billion in investments. In comparison the energy sector had only 10 projects in 2009 representing US\$605 million in investments. The largest 2010 energy project was the Hongsa partially captive coal power plant in Laos, which involved investment commitments of US\$3.7 billion. This power plant is expected to generate 1,473MW that will be sold to Thailand. Other energy projects with private participation included:

- A 100MW power plant in Laos representing US\$150 million in investments
- Five rental power plants in Bangladesh of 410MW in total capacity
- Four power plants in Cambodia representing more than 1000MW in total capacity and US\$1.6 billion in total investments
- A 110KM transmission line project in Cambodia representing US\$106 million in investments
- A 216MW power plant in Cameroun representing US\$342 million in investments
- A 100MW wind farm in Honduras representing US\$250 million in investments
- A management contract for Liberia Electricity Corporation
- A 15MW hydropower project in Nepal representing US\$34 million in investments
- A 23MW wind farm and a 72MW geothermal power plant in Nicaragua representing US\$415 million in total investments
- A rural electrification concession in Senegal representing US\$22 million in investments

In addition to energy projects, four **transport** projects with private participation reached financial closure in four IDA countries representing more than US\$728 million in investments:

- Two airports: a concession for Maldives Male International Airport representing US\$478 million in investments; and a concession for Brazzaville, Pointe Noire, and Ollombo airports in the Republic of the Congo
- Two seaports: a concession for Port of Monrovia in Liberia representing US\$120 million in investments; and a concession for the container terminal of the Port of Freetown in Sierra Leone representing US\$130 million in investments

In the **water** sector, one project with private participation reached financial closure in IDA countries in 2010: a management contract for the water utility of Kathmandu in Nepal covering 160,000 inhabitants.

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<sup>1</sup> Data on projects with private participation include primarily medium and large projects in low- and middle-income countries as reported by the media and other public sources. Small-scale projects are generally not included because of lack of public information. More information is available at <http://ppi.worldbank.org/>. IDA country classification definition is available at <http://data.worldbank.org/about/country-classifications>

**Table 1: Energy, transport, and water projects reaching financial or contractual closure in IDA countries in 2010**

Note: .. denotes missing data; n.a. means not applicable.

Energy										
	Region	Country	Project name	Project status	Segment	Type/subtype of private participation	Investment commitments (US\$ millions)	Capacity type	Capacity	Sponsor
1	East Asia and Pacific	Cambodia	Cambodia Energy Limited	Construction	Electricity generation	Greenfield project (BOO)	140	MW	100	Leader Universal Holdings (100% / Malaysia)
2	East Asia and Pacific	Cambodia	North Phnom Penh - Kampong Power Transmission	Construction	Electricity transmission	Greenfield project (BOT)	106.5	KM	110	Leader Universal Holdings (100% / Malaysia)
3	East Asia and Pacific	Cambodia	Orusse Hydroelectric Power Plant	Construction	Electricity generation	Greenfield project (BOT)	558	MW	338	China Huadian Corporation (100% / China)
4	East Asia and Pacific	Cambodia	Stung Russey Chrum Krom Hydropower Plant	Construction	Electricity generation	Greenfield project (BOT)	412	MW	338	China Huadian Corporation (100% / China)
5	East Asia and Pacific	Cambodia	Stung Tatay Hydropower Plant	Construction	Electricity generation	Greenfield project (BOT)	540	MW	246	China National Heavy Machinery Corporation (100% / China)
6	East Asia and Pacific	Lao PDR	Hongsa Coal Power Project	Construction	Electricity generation	Greenfield project (BOT)	3710	MW	1473	Ratchaburi Electricity Generating Holding Plc (40% / Thailand), Banpu Public Company (40% / Thailand)
7	East Asia and Pacific	Lao PDR	Nam Lik 1-2 Hydropower Plant	Operational	Electricity generation	Greenfield project (BOT)	150	MW	100	China International Water and Electric Corporation (90% / China)
8	Latin America and the Caribbean	Honduras	Cerro de Hula Wind Farm	Construction	Electricity generation	Greenfield project (BOT)	250	MW	102	Globeleq (70% / United Kingdom)
9	Latin America and the Caribbean	Nicaragua	Eolico Amayo Wind Farm (Phase II)	Operational	Electricity generation	Greenfield project (BOT)	45	MW	23.1	Ashmore Energy International (AEI) (62% / United States)

10	Latin America and the Caribbean	Nicaragua	Polaris Geothermal Power Plant Phases I + II	Construction	Electricity generation	Greenfield project (BOT)	370	MW	72	Ram Power Corp. (100% / United States)
11	South Asia	Bangladesh	Bheramara 110 MW Diesel Rental Power Plant	Construction	Electricity generation	Greenfield project (Rental)	26	MW	110	Otobi Ltd. (100% / Bangladesh)
12	South Asia	Bangladesh	Ghorasal Quick Rental Power Plant	Operational	Electricity generation	Greenfield project (Rental)	34	MW	145	Aggreko Plc (100% / United Kingdom)
13	South Asia	Bangladesh	Khulna 55 MW Quick Rental Power Plant	Operational	Electricity generation	Greenfield project (Rental)	13	MW	55	Aggreko Plc (100% / United Kingdom)
14	South Asia	Bangladesh	Pagla Quick Rental Power Plant	Operational	Electricity generation	Greenfield project (Rental)	11.8	MW	50	Primordial Energy Ltd. (Bangladesh), Aggretech AG (Germany)
15	South Asia	Bangladesh	Thakurgaon 50MW Diesel Rental Power Plant	Operational	Electricity generation	Greenfield project (Rental)	12.1	MW	50	Rahimafrooz (100% / Bangladesh)
16	South Asia	Nepal	Mai Hydropower Project (MHP)	Construction	Electricity generation	Greenfield project (BOT)	34.1	MW	15.6	Sanima Hydropower (P) Ltd. (SHPL) (100% / Nepal)
17	Sub-Saharan Africa	Cameroon	Kribi Power Plant	Construction	Electricity generation	Greenfield project (BOT)	342	MW	216	AES Corporation (56% / United States)
18	Sub-Saharan Africa	Liberia	Liberia Electricity Corporation Management Contract	Operational	Electricity distribution and generation	Management and lease contract (Management contract)	n.a.	MW	12	Manitoba Hydro International (MHI) (100% / Canada)
19	Sub-Saharan Africa	Senegal	Saint-Louis - Dagana - Podor Rural Electrification	Operational	Electricity distribution and generation	Greenfield project (BOT)	22	Number of connections (thousands)	19	Office National de l'Electricite (73% / Morocco), International Finance Corporation (17%)

Transport										
	Region	Country	Project name	Project status	Segment	Type/subtype of private participation	Investment commitments (US\$ millions)	Capacity type	Capacity	Sponsor
1	South Asia	Maldives	Maldives Male International Airport	Operational	Airport's runway and terminal	Concession (BROT)	478	Number of runways	1	GMR Group (77% / India), Malaysia Airports Holding Berhad (MAHB) (23% / Malaysia)
2	Sub-Saharan Africa	Congo, Rep.	Brazzaville, Pointe Noire and Ollombo Airports	Operational	Airport's runway and terminal	Concession (BROT)	..	Number of runways	3	Egis Group (100% / France)
3	Sub-Saharan Africa	Liberia	Port of Monrovia	Operational	Seaport's terminal	Concession (BROT)	120	Throughput	4.5	AP Moller - Maersk Group (100% / Denmark)
4	Sub-Saharan Africa	Sierra Leone	Port of Freetown Container Terminal	Operational	Seaport's channel dredging and terminal	Concession (BROT)	130	Throughput	50	Bollere Group (100% / France)

Water										
	Region	Country	Project name	Project status	Segment	Type/subtype of private participation	Investment commitments (US\$ millions)	Capacity type	Capacity	Sponsor
1	South Asia	Nepal	Kathmandu Upatyaka Khanepani Limited (KUKL)	Operational	Water utility with sewerage	Management and lease contract (Management contract)	n.a.	Number of connections (thousands)	160	BerlinWasser (100% / Germany)

Note: BOT= Build, Operate, and Transfer; BOO = Build, Own, and Operate; Concession (ROT) = Rehabilitate, Operate, and Transfer; Concession (BROT) = Build, Rehabilitate, Operate, and Transfer.

\*in current US\$ millions

Source: World Bank and PPIAF, PPI Database.