

PRIVATE PARTICIPATION IN INFRASTRUCTURE DATABASE

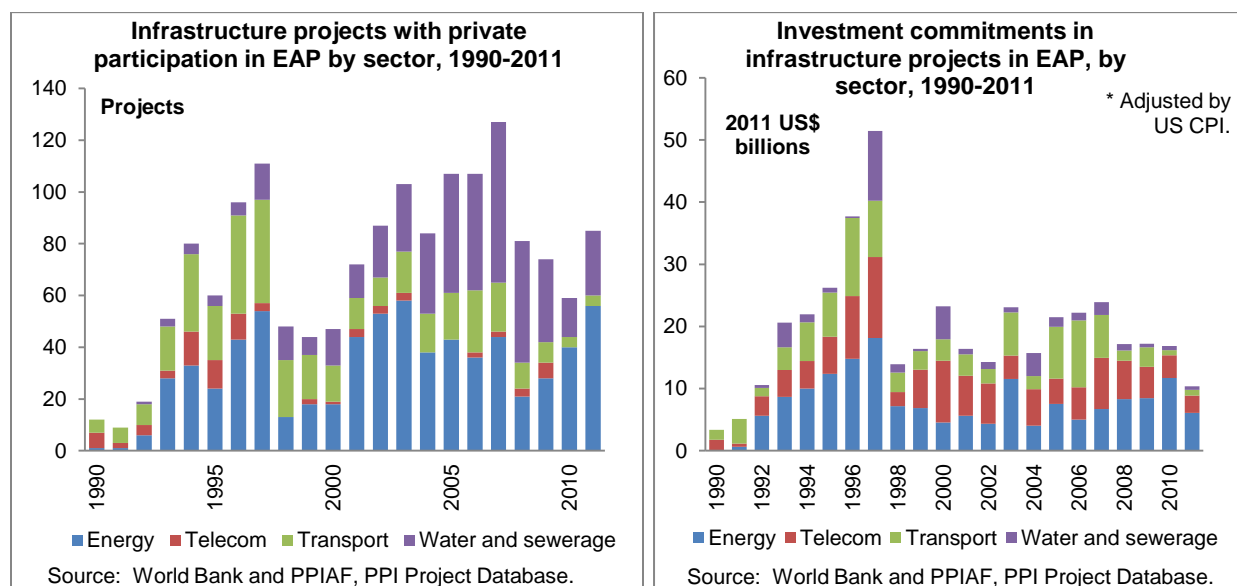
PPI data update note 80

September 2012

Private activity in infrastructure in East Asia and the Pacific slows down

Overview

In 2011, 85 new infrastructure projects reached financial or contractual closure in lower and upper-middle income countries in the East Asia and the Pacific (EAP) region: China (63), Indonesia (1), Lao PDR (2), Malaysia (1), Philippines (3), Thailand (7) and Vietnam (8).¹ Total investment commitments (hereafter, *investment*) in all infrastructure projects reached US\$10.4 billion, of which US\$7.6 billion were investments in new projects and US\$2.8 billion were additional investments in existing projects. As compared to 2010 investment levels, 2011 witnessed a decrease of 39%.



Sector focus

In EAP, seven countries implemented 56 new **energy** projects: China (34); Indonesia (1); Lao PDR (2); Malaysia (1); Philippines (3); Thailand (7); Vietnam (8). This represents a 40% increase compared to 2010 activity levels. Investment in energy projects however, decreased by 48%, totaling US\$6.1 billion. Of these projects, 51 were generation plants and five projects were natural gas distribution contracts. The generation plants were valued at US\$4.6 billion and added 4.2 GW. Of the 51 generation projects, 48 were renewable energy projects involving a total capacity of 2.4 GW. The remaining three fossil-fuel based generation projects were a natural gas-fired power plant in Thailand (1.6 GW) as well as a coal-fired (135 MW) and a diesel-fired (6.5 MW) power plant in the Philippines. China added the largest private renewable generation capacity to its

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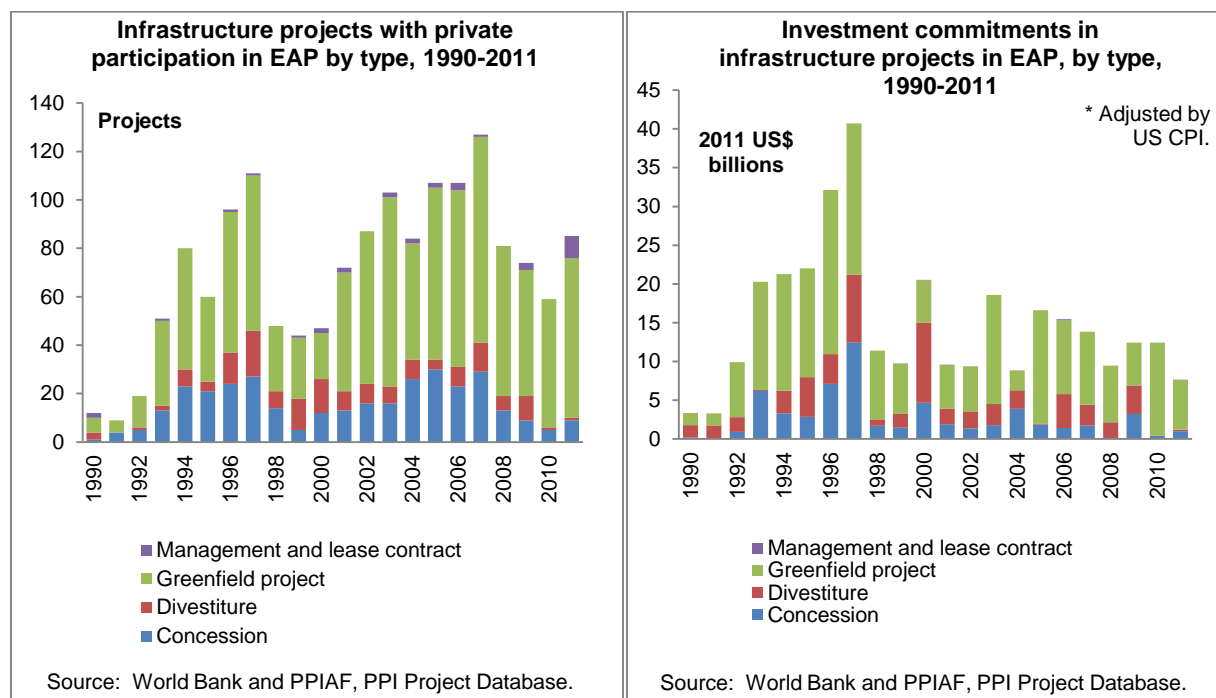
¹ Data on infrastructure projects with private participation include primarily medium-size and large projects in low and middle income countries as reported by the media and other public sources. Small-scale projects are generally not included because of lack of public information. More information is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

grid with 984 MW, valued at US\$1.7 billion. Vietnam and Lao PDR added 837 MW of hydro-power projects. Indonesia and the Philippines added two geothermal projects of 20MW and 5MW respectively. Although financial closure on the PT Medco geothermal plant was expected in 2011, further negotiations between the government and the developer have led to delays. Sunedison Thailand Holdco Solar (520 MW, Thailand) with 51 bundled solar plants nationwide, was the largest project in the renewable category. In the non-renewable energy category, the Nong Saeng IPP (1.6 GW, Thailand) was the largest project. China closed five natural gas distribution projects valued at US\$35 million, with China Gas Holdings (four LNG projects) and Xinao Gas Holdings. The energy sector did not have any expansions of existing projects.

No new **telecom** projects reached financial closure in 2011. Out of the 18 covered carriers eight expanded their operations with additional investments of US\$2.8 billion, a 26% decrease in investments from 2010 levels. The largest expansion of US\$813 million was done by XL Axiata in Indonesia, owned by Emirates Telecommunications. The investments were almost equally split between mobile access projects and multi-service provider projects. Indonesia and Malaysia attracted about 30% of the investments, the Philippines 25%, and Thailand the remaining 15%, which was in line with the pattern of previous years.

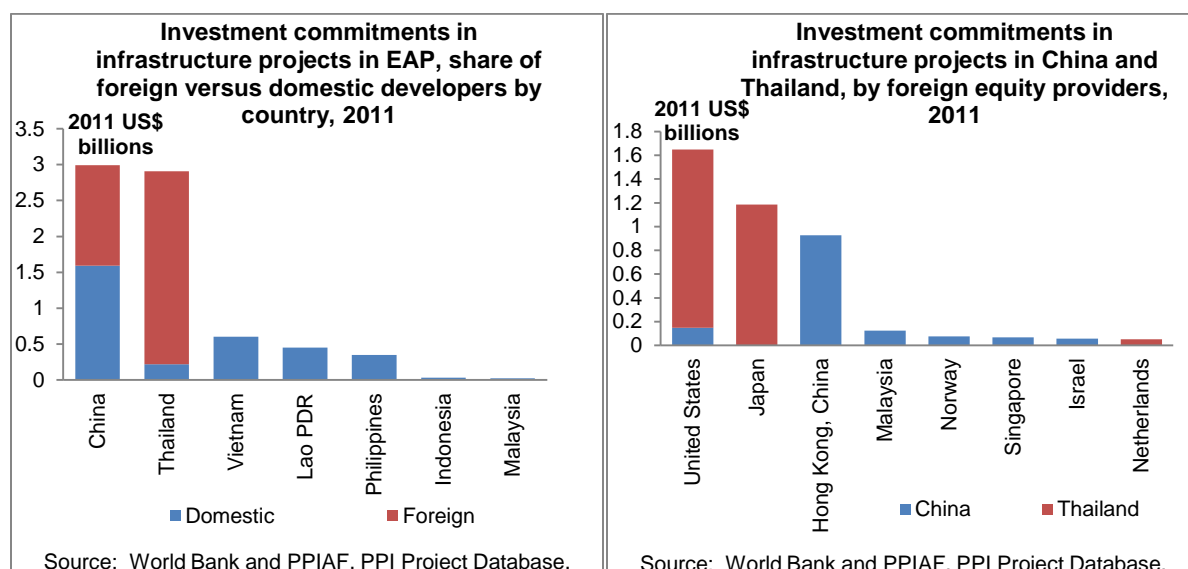
Four **transport** projects closed in China in 2011, the same as in 2010. Two seaport terminals closed, in Zhenjiang Province (three container terminals) and Jiangsu Province (liquid bulk terminal). Two Greenfield road projects also closed, with a total length of 132 kilometers. Total investment in transport projects amounted to US\$936 million, a 13% increase from 2010 levels.

In the **water** sector, 25 projects closed in China during 2011, of which 23 were water treatment plants and two utilities. Total investment was US\$586 million. Jiangsu Jiangnan Water Company, operating a water and sewerage system in Jiangsu Province, was partially divested (34%) via an offering on the Shanghai Stock Exchange at a cost of US\$223 million. The raised capital was expected to be used to acquire water assets, intelligent water service development and utilization, and the rehabilitation and extension of the Ligang Water Treatment Plant.



Sponsor focus

Of the 85 projects in the region, 22 projects in China and Thailand were developed by foreign sponsors. In China, 18 projects had foreign equity holders of which 8 were from Hong Kong, China. Singapore (4), Israel (2), the United States (2), Norway (1) and Malaysia (1) also had active sponsors in China. In Thailand, sponsors from the United States were involved in the development of 618 MW of renewable energy projects, valued at US\$1.6 billion. Japan was also active in Thailand, J-Power held 90% in a 1.6 GW natural gas-fired power plant, with US\$1.2 billion project cost. Debt was provided by a consortium of banks, including JBIC and ADB. Finally, Sonnedix, from the Netherlands (70%), together with local developer CH Karnchang (30%), was also developing two solar plants in Thailand under the Very Small Producer program, valued at US\$50.4 million. Equipment for the two solar plants was supplied by First Solar, from the United States. Sonnedix secured debt from the local Krung Thai bank. Other companies providing foreign equity included: China Gas Holdings (Hong Kong), Jieyun International Construction & Investment Holding (Hong Kong), New World Development Company (Hong Kong), Road King Infrastructure (Hong Kong), TAHAL Group (Israel), NBT New Energy Development (Norway), Asia Environment Holdings (Singapore), PSA Corporation (Singapore), Sinomem Technology (Singapore), MEMC Electronic Materials (USA), and UPC Group (USA).



Featured project

Nong Saeng IPP (Thailand) | Electricity generation: Natural gas | Greenfield BOO | PPP

Nong Saeng IPP is a 1,600 MW natural gas-fired combined cycle power plant in Nong Saeng District, 120km North of Bangkok. The contract was awarded in December 2007, following an international least-cost competitive tender open for natural gas and coal-fired plants issued by the Ministry of Energy. The project was awarded to Gulf J-Power Nong Saeng Company (JPNS) under the Independent Power Producers (IPP) program designed for projects larger than 90 MW, part of the Power Development Plan 2007-2021 which allocates 3,200 MW to IPPs. Potential candidates were expected to purchase Request for Proposal (RFP) document packages by July 27th 2007. As part of the RFP, developers are required to contribute to a community development fund where the fees for coal power plants were double those for natural gas-fired plants. JPNS won the tender by submitting a bid with a capacity charge of US\$1.18 per kWh, covering fixed operations and maintenance, capital cost, debt service and equity return. JPNS is a project company owned by J-Power (90%), from Japan, and Gulf Holding Company, from Thailand. J-Power was privatized in 2004 and is currently listed on the Tokyo Stock Exchange. The generation facility was designed with four generators, four heat recovery steam generators, and two steam turbine generators. The construction contract was awarded to

Mitsubishi Heavy Industries on a turn-key basis and included a 25 year parts agreement to cover the repair and supply of parts. Sino-Thai Engineering and Construction Public Company, a local construction firm, was responsible for the civil works. A 25 year gas supply agreement (GSA) was signed with PTT Public Company Limited, providing fuel via a 20 kilometer long interconnecting pipeline from the plant to the existing Wangnoi-Kaengkoi transmission pipeline. EGAT agreed to a 25 year power purchase agreement (PPA), which included a clause that allowed increases in fuel costs to be passed through to the off-taker. The output will be evacuated via a new 1.5 kilometer transmission line to EGAT's grid.

Total project cost was US\$1,185 million. Financing was provided by a consortium of multilateral, Japanese and Thai banks signed on November 4th, 2011. The Asian Development Bank provided a loan of US\$170 million and the Japan Bank for International Cooperation (JBIC) provided US\$272 million under their 'Enhanced Facility for Global Cooperation in Low Carbon Infrastructure and Equity Investment (E-FACE)' program. Mizuho Corporate Bank also provided a US dollar denominated loan of US\$100 million. The Thai banks Siam Commercial Bank and Kasikorn Bank were responsible for the Thai Baht portions, equal to US\$540 million. The Thai banks also provided a Thai Baht Standard Bank Letter of Credit of US\$104 million equivalent in working capital. Legal advice to the project company was provided by Baker & McKenzie. Allen & Overy was responsible for legal advice to the lender side.

Table 1 Projects with private participation reaching financial or contractual closure in EAP in 2011

| Energy | | | | | | |
|---------|---|--------------------|------------------------------|--------------------------|----------------------------------|---|
| Country | Project Name | Type of PPI | Subtype of PPI | Segment | Total Investment (US\$ millions) | Sponsors |
| China | Dejiang County Biomass Power Project | Greenfield project | Build, operate, and transfer | Electricity generation | 45.85 | Kaidi Electric Power (100% / China) |
| China | Fujian Lianjiang Saite Tianying Solid Waste Power Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 35.76 | TianYing ST Group (100% / China) |
| China | Guangdong Dapu County LNG Project | Greenfield project | Build, operate, and transfer | Natural gas distribution | 7.64 | China Gas Holdings Limited (100% / Hong Kong, China) |
| China | Guangdong Shantou Nanao Nanya Wind Farm Upgrade Project | Greenfield project | Build, operate, and transfer | Electricity generation | 46.83 | Guangdong Nanao Nanya New Energy Technology Development Co Ltd (100% / China) |
| China | Guangdong Wuhua County LNG Project | Greenfield project | Build, operate, and transfer | Natural gas distribution | 7.64 | China Gas Holdings Limited (100% / Hong Kong, China) |
| China | Guangxi Taijiang Wind Farm Project Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 79.47 | Guangdong Dongxing Fengying Wind Power Equipment Co. Ltd. (100% / China) |
| China | Huazhou City Pipelline Gas Project | Greenfield project | Build, operate, and transfer | Natural gas distribution | 15.28 | China Gas Holdings Limited (100% / Hong Kong, China) |
| China | Hunan Longhui Biomass Power Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 45.39 | Kaidi Electric Power (100% / China) |
| China | Huoqiu County Pipeline Gas Project | Greenfield project | Build, operate, and transfer | Natural gas distribution | 4.58 | China Gas Holdings Limited (100% / Hong Kong, China) |
| China | Inner Mongolia Bayannur Wuyuan Huaxin Biomass Plant Project | Greenfield project | Build, operate, and transfer | Electricity generation | 32.57 | Wuyuan Huaxin Biomass Co Ltd (100% / China) |

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|-------|---|--------------------|------------------------------|--------------------------|--------|---|
| China | Inner Mongolia Chenbaerhu Qi Guohua AES Wind Farm Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 72.2 | AES Corporation (49% / United States) |
| China | Inner Mongolia Guigang Shengtai Wind Farm Project | Greenfield project | Build, operate, and transfer | Electricity generation | 61.13 | Inner Mongolia Guibang Shengtai Investment Co., Ltd. (100% / China) |
| China | Inner Mongolia Taipusiqi Toushijian Shenhua Xiehe Wind Farm Power Plant Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 68.01 | China Windpower Group Limited (46% / China) |
| China | Inner Mongolia Xinganmeng Haili Jinmangha Wind Farm Project Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 76.41 | UPC Group (100% / United States) |
| China | Jiangsu Jintan Changzhou Eging PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 12.23 | Changzhou Eging Photovoltaic Technology Co Ltd. (100% / China) |
| China | Jilin Baicheng Taobei Baoshan Ao Lu Jia Wind Farm Phase II | Greenfield project | Build, operate, and transfer | Electricity generation | 76.41 | NBT New Energy Development Ltd (50% / Norway) |
| China | Liaoning Jianping Wanjiayingzi Xiehe Wind Farm | Greenfield project | Build, operate, and transfer | Electricity generation | 74.88 | China Windpower Group Limited (45% / China) |
| China | Liaoning Jinzhou Beijing Tellhow Solar PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 9 | Beijing Tellhow Solar Energy Technology Co Ltd. (100% / China) |
| China | Liaoyuan City Solid Waste Power Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 48.9 | TianYing ST Group (100% / China) |
| China | New Energy Investment Dabancheng PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 30 | Xinjiang Yutian New Energy Investment Co (100% / China) |
| China | Ningxia Yanchi Gaoshawo Hanas STEG Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 122.26 | Hanas New Energy Group Co Ltd. (100% / China) |
| China | Ningxia Yanchi Wanglejing Wind Farm Project Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 76.41 | Ningxia Hanas Natural Gas (100% / China) |
| China | Pipeline Gas Supply in River East Four Towns in Wangcheng County | Greenfield project | Build, operate, and transfer | Natural gas distribution | .. | Xiniao Gas Holdings Limited (55% / China) |

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|-----------|--|--------------------|------------------------------|------------------------|-------|--|
| China | Qinghai Delingha Baike PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 53.37 | China Technology Solar Power Holdings Limited (100% / China) |
| China | Qinghai Delingha China Windpower PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 90 | China Windpower Group Limited (100% / China) |
| China | Qinghai Delingha Linuo PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 91.69 | Linuo Group Co Ltd (100% / China) |
| China | Qinghai Geermu Shanyizhongchuan PV Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 22.01 | Shanyizhongchuan Solar Power (100% / China) |
| China | Qinghai Geermu Shenguang PV Plant Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 9 | Shenguang New Energy Ltd (100% / China) |
| China | Shandan County Xiuhuamiao Wind Farm Project | Greenfield project | Build, operate, and transfer | Electricity generation | 64.19 | China Windpower Group Limited (100% / China) |
| China | Shandong Yantai Zhuangzi Runfeng Wind Farm Power Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 71.83 | Yantai Runfeng New Energy Development Co Ltd (100% / China) |
| China | Shanghai Chongming Beiyan Wind Farm Project | Greenfield project | Build, operate, and transfer | Electricity generation | 77.16 | China Light and Power Ltd. (29% / Hong Kong, China) |
| China | Tianchang Gaoyou Lake Wind Farm Project | Greenfield project | Build, operate, and transfer | Electricity generation | 100 | China Windpower Group Limited (100% / China) |
| China | Tibet Xigaze Linuo PV Plant Project Phase I | Greenfield project | Build, operate, and transfer | Electricity generation | 38.05 | Linuo Group Co Ltd (100% / China) |
| China | Zhejiang Lanxi Solid Waste Power Plant | Greenfield project | Build, own, and operate | Electricity generation | 27.51 | Mizuda Group (100% / China) |
| Indonesia | Atadei Geothermal Power Plant | Greenfield project | Build, own, and operate | Electricity generation | 35 | PT Westindo Utama Karya (100% / Indonesia) |
| Lao PDR | Luangpaseuth Nam Long SHPP | Greenfield project | Build, operate, and transfer | Electricity generation | 10 | Luangpraseuth Construction Company (80% / Lao PDR) |

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|-------------|---|--------------------|------------------------------|------------------------|-------|---|
| Lao PDR | Viet-Laos Xekaman I HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 441.6 | Viet-Lao Power (70% / Lao PDR), Electricite de Laos (EdL) (30% / Lao PDR) |
| Malaysia | Cypark-LG Negeri Sembilan Solar Plant | Greenfield project | Build, own, and operate | Electricity generation | 24 | Cypark Resources BHD (100% / Malaysia) |
| Philippines | Maibarara Batangas Geothermal Plant | Greenfield project | Build, own, and operate | Electricity generation | 74 | PetroEnergy Resources Corp (65% / Philippines), Trans Asia Oil & Energy Development (25% / Philippines) |
| Philippines | Ormin Power | Greenfield project | Build, own, and operate | Electricity generation | 8.36 | Jolliville Holdings Corp (100% / Philippines) |
| Philippines | South Luzon Thermal Energy | Greenfield project | Build, own, and operate | Electricity generation | 266 | Ayala Corp (50% / Philippines), Philippine Investment-Management Corporation (PHINMA) (50% / Philippines) |
| Thailand | Loxley Prachin Buri Solar Plant | Greenfield project | Build, own, and operate | Electricity generation | 27 | Loxley Plc (45% / ..) |
| Thailand | MEMC Solar Plants | Greenfield project | Build, own, and operate | Electricity generation | 1500 | MEMC Electronic Materials, Inc (100% / United States) |
| Thailand | Nong Saeng IPP | Greenfield project | Build, own, and operate | Electricity generation | 1185 | J-POWER (90% / Japan) |
| Thailand | Solarta Suphanburi Solar Plant | Greenfield project | Build, own, and operate | Electricity generation | 142.5 | Ratchaburi Electricity Generating Holding Plc (50% / Thailand), Yanhee Group (50% / Thailand) |
| Thailand | Sonnex Chiangrai Solar Plants | Greenfield project | Build, own, and operate | Electricity generation | 28.6 | Ch Karnchang Company Limited (30% / Thailand), Sonnex (70% / Netherlands) |
| Thailand | Sonnex Ratchasima Solar Plant | Greenfield project | Build, own, and operate | Electricity generation | 21.8 | Ch Karnchang Company Limited (30% / Thailand), Sonnex (70% / Netherlands) |
| Thailand | SPCG Nakthon Ratchasima & Loei Solar Plants | Greenfield project | Build, own, and operate | Electricity generation | 28.8 | SPCG Public Company Ltd (100% / Thailand) |

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|---------|---------------------------------|--------------------|------------------------------|------------------------|-------|---|
| Vietnam | Ba Thuoc 1 & 2 Hydropower Plant | Greenfield project | Build, operate, and transfer | Electricity generation | 115 | Hoang Anh Gia Lai Group (.. / Vietnam) |
| Vietnam | Nam Can II HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 35 | Nam Can Hydro Electric JSC (100% / Vietnam) |
| Vietnam | Phy Thanh Song Bung IVa HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 57.97 | Song Bung JSC (100% / Vietnam) |
| Vietnam | Song Bac HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 62.5 | Song Bac Hydroelectric (100% / Vietnam) |
| Vietnam | Song Tranh IV HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 76.2 | Song Tranh 4 Hydropower JSC (100% / Vietnam) |
| Vietnam | Thien Nam I-III HPPs | Greenfield project | Build, operate, and transfer | Electricity generation | 23.6 | Thien Nam JSC (100% / Vietnam) |
| Vietnam | Vinacomin Dong Nai V HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 161.6 | Vietnam National Coal - Mineral Industries Group (Vinacom) (100% / Vietnam) |
| Vietnam | VTEC Bac Me HPP | Greenfield project | Build, operate, and transfer | Electricity generation | 69.8 | Vietnam Trading Engineering Construction JSC (100% / Vietnam) |

| Water | | | | | | |
|---------|---|-------------------------------|------------------------------|--------------------------|---------------------------------|--|
| Country | Project Name | Type of PPI | Subtype of PPI | Segment | Total Investment (US\$millions) | Sponsors |
| China | Dihe Wastewater Treatment Plant in Lincheng County | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Shandong Hezheng Environment Protection Engineering Co., Ltd. . (100% / China) |
| China | Dongying Western Suburban Area Wastewater Treatment Plant | Greenfield project | Build, operate, and transfer | Sewerage treatment plant | 3.82 | Sinomem Technology Ltd. (100% / Singapore) |

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|-------|---|-------------------------------|-------------------------------------|-----------------------------|--------|---|
| China | Fengxiang County Wastewater Treatment Plant Project | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | .. | Jiangsu Ruisheng Water Treatment Co., Ltd (100% / China) |
| China | Fenxi County Wastewater Treatment Plant | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Hebei Yongyi Ecological and Environmental Engineering Co., Ltd. (100% / China) |
| China | Fujian Anxi Longmen Town Wastewater Treatment Plant | Greenfield project | Build, operate, and transfer | Sewerage treatment plant | .. | South Water Co., Ltd. (100% / China) |
| China | Guizhou Kaili City Wastewater Treatment Plant | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | 18.34 | Beijing Herocan Environmental Engineering Tech Co. Ltd (100% / China) |
| China | Hebei Zhangjiakou City Xuanhua District Yangfang Wastewater Treatment Plant | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | 41.26 | TAHAL Group (100% / Israel) |
| China | Hengshui City Raoyang Wastewater Treatment Plant Management Contract | Management and lease contract | Management contract | Sewerage treatment plant | N/A | CSD (Beijing) Environmental Protection Co., Ltd. (100% / China) |
| China | Huaning County Wastewater Treatment Plant Concession Project | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | .. | Jieyun International Construction & Investment Holdings (Hong Kong) Company Limited (100% / Hong Kong, China) |
| China | Jiangsu Jiangnan Water Co., Ltd. | Divestiture | Partial | Water utility with sewerage | 223.49 | Others (34% / ..) |
| China | Jinde County Wastewater Treatment Plant | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Anhui Asia-Pacific Environmental Engineering Tech Co, Ltd. (100% / China) |
| China | Quanlu County Wastewater Treatment Plant Management Contract | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Anhui Guozhen Environmental Protection Science & Technology Co. Ltd. (100% / China) |

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|-------|---|-------------------------------|-------------------------------------|-----------------------------------|--------|--|
| China | Rushan City Wastewater Treatment Plant | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | 19.57 | Chongqing Kangda Environmental Protection Co. Ltd. (100% / China) |
| China | Shaanxi Yang County Urban Wastewater Treatment Plant | Greenfield project | Build, operate, and transfer | Sewerage treatment plant | 18.2 | Beijing Sound Environment Industry Group (100% / China) |
| China | Shandong Junan Wastewater Treatment Plant | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | 20.93 | Beijing Sound Environment Industry Group (100% / China) |
| China | The No. 2 Wastewater Treatment Plant of Huaâ€™an County | Greenfield project | Build, operate, and transfer | Sewerage treatment plant | 8.88 | Sinomem Technology Ltd. (100% / Singapore) |
| China | Two wastewater treatment plants in Zibo City | Greenfield project | Build, operate, and transfer | Sewerage treatment plant | 15 | TAHAL Group (100% / Israel) |
| China | Wastewater Treatment Facility Portfolio for 18 towns in Changsha County | Greenfield project | Build, operate, and transfer | Sewerage collection and treatment | 42.03 | Beijing Sound Environment Industry Group (100% / China) |
| China | Wei County Qingyuan Wastewater Treatment Plant Management Contract | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Hebei Yongyi Ecological and Environmental Engineering Co., Ltd. (100% / China) |
| China | Xinhe County Yushu Wastewater Treatment Plant Management Contract | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Hebei Yongyi Ecological and Environmental Engineering Co., Ltd. (100% / China) |
| China | Xiong County Wastewater Treatment Plant Management Agreement | Management and lease contract | Management contract | Sewerage treatment plant | N/A | Hebei Delong Environmental Engineering Co., (100% / China) |
| China | Yinchuan Wastewater Treatment Plant Concession Project | Concession | Rehabilitate, operate, and transfer | Sewerage treatment plant | 123.79 | Taliworks Corp. Bhd. (100% / Malaysia) |
| China | Zhongxiang City Wastewater Treatment Plant Concession | Concession | Rehabilitate, operate, and | Sewerage treatment plant | 9.99 | Anneng Group (100% / China) |

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|-------|---|-------------------------------|------------------------------|--------------------------|-------|---|
| | Project | | transfer | | | |
| China | Zhoukou Shabei Wastewater Treatment Plant | Greenfield project | Build, operate, and transfer | Sewerage treatment plant | 24.81 | Asia Environment Holdings Ltd (100% / Singapore) |
| China | Zhuzhou County Wastewater Treatment Plant | Management and lease contract | Management contract | Sewerage treatment plant | 15.95 | Anhui Guozhen Environmental Protection Science & Technology Co. Ltd. (100% / China) |

| Transport | | | | | | |
|-----------|---|--------------------|-------------------------------------|----------|----------------------------------|---|
| Country | Project Name | Type of PPI | Subtype of PPI | Segment | Total Investment (US\$ millions) | Sponsors |
| China | Berths No.1 and No.2 of the Meishan Container Port | Greenfield project | Build, operate, and transfer | Seaports | 30 | PSA Corp (.. / Singapore) |
| China | Increased Investment in Tangjin Express (Tianjin North Section) | Concession | Rehabilitate, operate, and transfer | Roads | 745.22 | New World Development Co. Ltd. (60% / Hong Kong, China) |
| China | Jinzhong Longcheng Expressway Registration Capital Increase | Greenfield project | Build, operate, and transfer | Roads | 68.77 | Road King Infrastructure (45% / Hong Kong, China) |
| China | Lianyungang New Century Liquid Chemical Port | Greenfield project | Build, operate, and transfer | Seaports | 91.69 | Tadee Group (100% / China) |

Note: .. denotes missing data; N/A means not applicable. Investment commitments include payments to the government and investment in physical assets. *in current US\$ millions

Source: World Bank and PPIAF, PPI Database.