

UNECE International PPP Centre of Excellence

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Social and Economic Infrastructure

Social and Economic Infrastructures

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Importance of Social & Economic Infrastructure under a PPP

- Infrastructure is a catalyst for socio-economic progress
- Whilst entrepreneurial activity is at the heart of economic development and the basis of the GDP growth of a country, there is an infrastructural pre-requisite for a prospering production
- The availability of a basic network of well functioning infrastructure and services in water, energy, transport, waste and social services is vital for achieving a major set of objectives (acceptable living standards, social development and health for all citizens)

Social and Economic Infrastructures

Main sectors of PPP Social Infrastructure

- Health care
- Education
- Culture
- Sports
- Administration
- Safety and security

Main sectors of PPP Economic Infrastructure

- Transport
- Public Utilities (Energy and Water)
- Communication

Social and Economic Infrastructures

PPP Social infrastructures - Some examples/characteristics

- Health Care – Hospitals
- University Hospital PPP Project in Kiel and Lübeck / Germany (2014)



- New buildings and renovation of existing building / 2.400 beds
- Project cost: approx. 500 Mio. € / Contract period: 30 Years

Social and Economic Infrastructures

Social infrastructures - Some examples / characteristics

- Education –Schools
- Scholls in the Region of Offenbach / Germany (2004)



- New buildings and renovation of existing school buildings / 49 school
- Project cost: approx. 410 Mio. € / Operation period: 15 years

Social and Economic Infrastructures

Social infrastructures - Some examples / characteristics

- Culture / Sports – Concert / Sports arena
- Multi functional Arena in Dunkerque France (2012)



- New Multi functional Arena (sports , events , convention) with a total capacity of 11.000 seats
- Project cost: approx. 110 Mio. € / Contract period: 28 years

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Social infrastructures - Some examples / characteristics

- Administration – Consulate buildings
- La Grande Arche renovation PPP in Paris / France (2014)



- Renovation (increased number of work station , improving energy performance and equipment) of the State's Ministry offices
- Project cost: approx. 200 Mio. € / Operation period: 20 years

Social and Economic Infrastructures

Social infrastructures - Some examples / characteristics

- Safety and Security – Prisons
- Haren Prison / Belgium (2013)



- New prison for 1200 prisoners
- Construction cost: approx. 200 Mio. € / Contract period: 29 years

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PPP Economic infrastructures - Some examples / characteristics

- Land Transport – Roads and rail
- Rail tracks Concession for High Speed Trains , France (2011)



- Construction of new High Speed Tracks over 300 km between Tours and Bordeaux
- Project cost: approx. 7.8 Billion € / Contract period: 50 years

PPP Economic infrastructures - Some examples / characteristics

- Water transport – Ports
- London Gateway Port Terminal Concession on the River Thames
UK (2010)



- 400 hectare Deep Water Port facility with channels between 14.5 m and 17.0 m with capacity of 3.5 Million TEU / year
- Project cost : approx.400 Mio £ (Phase I) / 1.5 Billion £ over 10-15 years

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PPP Economic infrastructures - Some examples / characteristics

- Air transport – airports
- Athens International Airport Concession (BOOT) / Greece (1996)



- Upgrading and extension of airport (buildings and runways) for 16 million passengers / years
 - Project cost: approx 2.25 Billion € / Contract period 30 years
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- Serge Y. Bodart / PPP Infrastructure Project Development

Social and Economic Infrastructures

PPP Economic infrastructures - Some examples / characteristics

- Public Utilities - Energy transport / Long distance heating
- Cadiom - Heat transportation Geneva / Switzerland



- Construction and operation of a network of a district heat distribution from waste burning plant for 8000 houses.

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PPP Economic infrastructures - Some examples / characteristics

- Public Utilities - Energy production / Dams on rivers
- VNF Aisne and Meuse Dams under a PPP Contract / France (2013)



- Rebuilding of existing 29 manual dams to improve reliability, security, optimize operation & maintenance cost and to increase energy production
- Project cost: approx. 230 million € / Contract period : 30 years

Social and Economic Infrastructures

PPP Economic infrastructures - Some examples / characteristics

- Public Utilities - Water treatment
- Wastewater Treatment Plant
New Cairo / Egypt (2009)
- Design, finance, construct, operate,
and maintain a new wastewater
treatment plant with a capacity
of 250,000 cubic meters a day
- Project cost: approx. 480 million \$
Contract period :20 years



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PPP Economic infrastructures - Some examples / characteristics

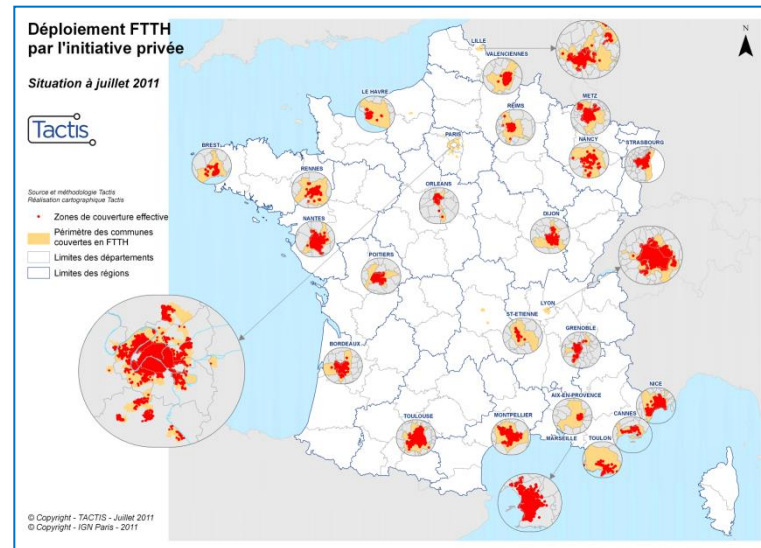
- Public Utilities – Waste treatment
- Achaia Waste Management Plant / Greece (2013)



- Building of build a waste management facility to process 150, 000 tons of waste per year
- Project cost: approx. 100 million € / Contract period : 27 years

PPP Economic infrastructures - Some examples / characteristics

- Communications – Fixed lines & Broadband
- Drôme and Ardèche Broadband PPP Sale / France (2013)



- Concession which involves the development and operation of a 2,000km fibre-optic network in the Drôme and Ardèche regions
- Project cost: approx. 125 million € / Contract period : 25 years

Thank you !