

Public-Private Partnership in China's Environmental Protection

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What is PPP

- A public-private partnership (PPP) is a government service or private business venture which is funded and operated through a partnership of government and one or more private sector companies.
- PPPs provide a unique perspective on the collaborative and network aspects of public management.
- PPP is a product of the environmental management.

PPP in Environmental Protection

- PPP provides public services of environmental protection, e.g. pollution controlling, ecological protection, environmental remediation.
- Private sectors provides more public services for the environmental protection, e.g. environmental consulting, environmental assessment, environmental planning, engineering designing, management & business consulting.

PPP in China's Environmental Protection

- Development of EP in China
 - Pollution Discharge Fees and End Treatment (1980)
 - Reform in Municipal Wastewater Treatment (1990)
 - Public-Private Partnership in China's EP
- PPP Runs in China's EP area, for example,
 - MWW and MSW Treatments
 - Non-point Source Pollutants Control
 - Environment Consultancy
 - River Pollution Control (watershed environment protection)

PPP in China's Environmental Protection

- Benefits of PPP
 - Government Function
 - Public Management & Business Model
 - Private Capital
 - Environment Company
 - Efficient and High-quality Services

Example of PPP Project

- Project: Rural pollution control in Hunan
 - Small scale, but large amount
- Problems & Old solution
 - Reckless development V.S. Regulation of agriculture
 - Non-point source pollution discharges V.S. Point source discharge controlling, e.g. biogas digester
 - Lots of costs, e.g. building facilities, recovery of polluted watershed V.S. no commercial benefit
- New solution under PPP framework
 - Recover resources from cultivation solid wastes
 - Infrastructures by government & collective treatment of pollutants by company



What does PPP bring us

- Better environment (public)
 - pollution controlled, wastes reduced & recovered
- Looking for values of wastes (private sector)
 - Wastes → resources
 - Business → benefits
- Improving environmental services
 - Better public management
 - Promoting development of environmental services, e.g. designing, operating, and related services such as consulting, financing...

Thank You!

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 - More discussion could be opened for other cases, such as urban integrated environmental protection in Jiangxi.