ITU-D SG1 Question 1/1 Session on policies and regulatory methods for broadband deployment and broadband access technologies 17 September 2018

FINANCING IN PUBLIC-PRIVATE PARTNERSHIP AGAINST THE PUBLIC FUNDS

Strategies and policies for the deployment of broadband in developing countries

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Introduction et contexte

- Significant growth of optical fiber networks
- Main public financing in the construction of networks
- Difficulties of management of financial infrastructures by the state
- Need national sovereignty, security and integrity of networks
- Need for good management and maximization of revenue on behalf of the state
- Guarantee fair competition



Introduction et contexte

Two fundamental principles to consider

- Open Access to Networks (Open Access), For Fair Management
- Public-Private Partnerships ("PPPs") for Lower Risk Financing

Creation of the SPN and its governance structure

- The National Heritage Company (SPN), as the entity owning the infrastructures and the licensing authority for the exploitation of these infrastructures
- SPN contracts works contract for construction of telecommunications infrastructure

Work plan

- Take over public telecom assets built in the framework from public funds by a National Heritage Company (SPN)
- Signature of a contract between SPN and one or more public / private operators selected on a transparent and competitive basis for the exploitation and marketing of these infrastructures



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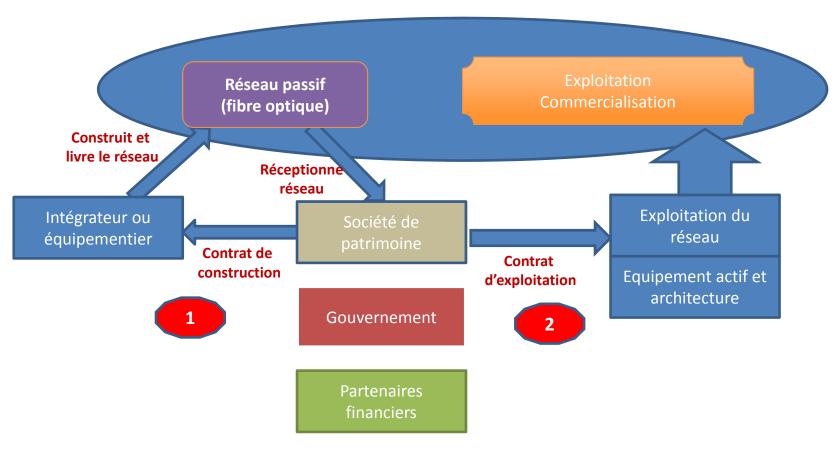
PRINCIPLE AND STRUCTURING



PRINCIPLE OF PPP

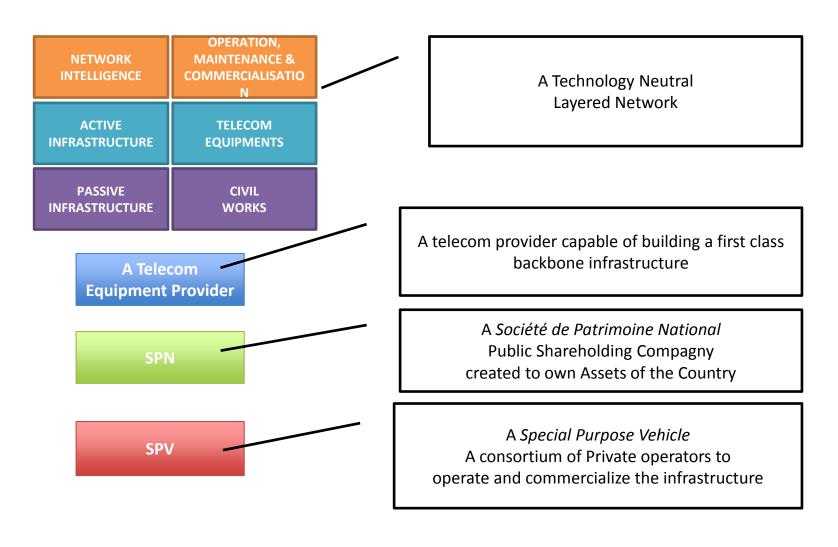
An overall scheme of structuring the Project in 2 steps

- 1- Construction contract
- 2- Operating contract





PLAYERS OF STRUCTURATION





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OPEN ACCESS MODEL



OPEN ACCESS MODEL

Retail Service Providers

Purchases bandwidth connectivity from SPV and compete with each other in providing competitive and innovative services to end users



Retail Services

Services

(including Servers and CPEs)

High Level Industry Value Chain

Wholesale Operator(s)

Design, build and operation of the active NGBN infrastructure (e.g. operation and maintenance of routers, switchers, data centers)

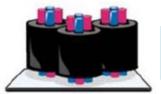


Wholesale

(including Switches and Transmission Equipment)

Passive Infrastructure Operator

Design, build and operation of the passive infrastructure (e.g. rollout of fibre, maintenance of ducts and manholes)



(including Ducts and Wirelines Wireless Infra) Wholesale Wire Lines



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PPP CONSTRUCTION



- Step1: Building the Infrastructure under competitive bidding process
- Step2 : Operating the Infrastructure under PPP

Step1: Passive Infra. Is build under ICB and incorporated as an equity contribution in the SPN

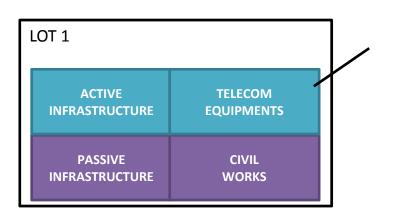


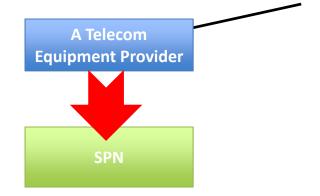
Step2: A SPV is recruited to "light", maintain and commercialize the network on a wholesale basis – Concession contract between the SPN and SPV

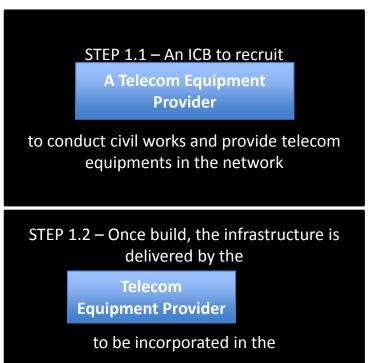




Step1: Building the Infrastructure under competitive bidding process



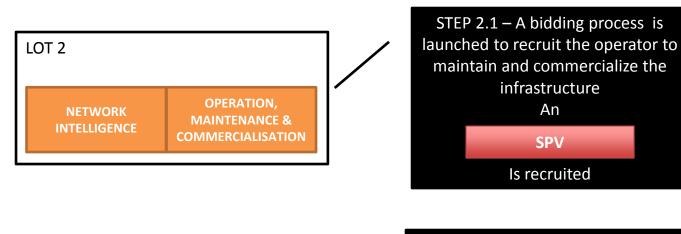


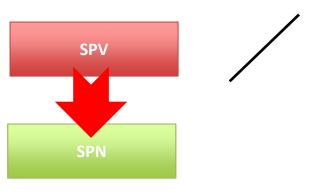


SPN

as an Equity Contribution

Step2: Operating the Infrastructure under PPP









CONCLUSIONS

The PPP model help many country to build and manage infrastructures

- Fastest Project Delivery & Progress on the field
- Efficiency in ICB (Lowest bidding process)
- Open Access through Concession contract (SLA, KPI, QoS and Prices regulated) & "self –regulation" network



FIN

