



# **Railways and Metro Rail People First PPPs**

**Session 6 - UNECE International PPP Forum**

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**09 May 2019**

# Coverage of the Presentation

- 
- **Status of both Standards**
  - **Suitability for low and middle-income countries**
  - **Drafting the 'Output Specifications'**
  - **Concluding Remarks**

# Status of Railway and Metro Rail Standards for PFPPP

- The Railways Standard on PfPPP has been approved
- The Metro Rail Standard is under drafting
- The Standard is intended to assist governments in
  - guidance on best practice in relation to the development and implementation
  - Identification of key concerns
  - achieving their SDGs
  - placing people high in the priorities of their Public-Private Partnerships projects and programs
  - select appropriate PPP approach

# Suitability for low and middle-income countries

- **Railways has large potential to contribute to economic and social development**
  - It is capable of high levels of passenger, commodities and goods transport, with a higher energy efficiency
- **Urban rail transit projects are only feasible with adequate demand for fast public transport**
  - faster urbanization processes, with a lot of potential for increases in demand makes them likely candidates for public transport
  - challenges also due to capital-intensive, labor-intensive and technology-intensive projects



**How can Governments draft the  
'output specifications' in contracts to  
achieve People-first outcomes in this  
sector?**

# Categorization of the Output Specifications

- **Continue KPIs specifications related to the technical aspects of utility management (better known)**
  - However, for SDG monitoring, it need to go beyond mere physical deliverables
- **PF-PPPs must also monitor indicators linked to SDGs, not only 'Output' specifications, but also 'Outcome' and 'Impacts'**
- **Direct contract deliverable indicators (Outputs and some Outcomes) can be monitored by the Private partner**
- **Other Outcomes and Impacts, as additional contributions by the sector to SDGs, can be monitored by the public-sector agency**

# SDGs affected directly in Railway and Metro Rail PF PPPs

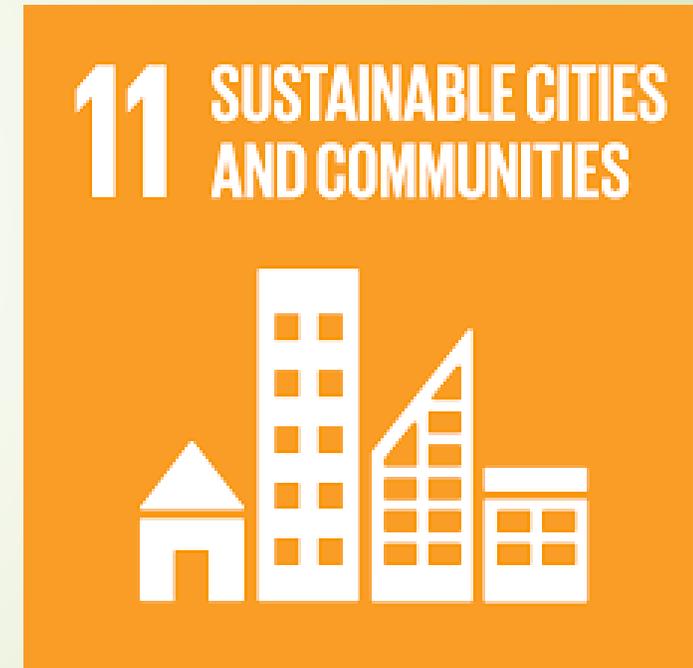
to be measured by the Concessionaire as a part of contract output and outcome



9.1



5.5



11.2

Need to set measurable indicators

# SDGs affected directly by Outputs and Outcomes of PF-PPP Projects

## Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

9.1. Develop **quality, reliable, sustainable and resilient infrastructure**, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

Measured by:  
9.1.2. Passenger and freight volumes, by mode of transport

# SDGs affected directly by Outputs and Outcomes of PF-PPP Projects (.....Contd)

## GOAL 5: Gender Equality: Achieve gender equality and empower all women and girls

5.5. Target to achieve **women' effective participation** and provision of **equal opportunities** in employment and leadership at all levels of decision making in water and sanitation projects to promote gender equality

Measured by:  
5.5.2 Proportion of women in operating and managerial positions in the concessionaire utility

# SDGs affected directly by Outputs and Outcomes of PF-PPP Projects (.....Contd)

## GOAL 11: Sustainable Cities and Communities: Make cities and human settlements inclusive, safe, resilient and sustainable

11.2. By 2030, provide **access to safe, affordable, accessible and sustainable transport systems** for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

Measured by:  
11.2.1. Proportion of population that has convenient access to railways transport, by sex, age and persons with disabilities

# SDGs Impacted indirectly by Railway and Metro Rail Projects – Govt. to measure



2.3



3.6, 3.9



5.1



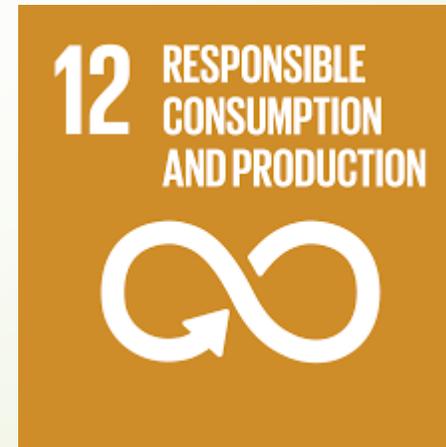
8.1



9.2, 9.4



11.6, 11.a



12.2, 12.3



17.17

# SDGs affected by Impacts of PF-PPP Projects

## Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture

2.3. By 2030, **double the agricultural productivity and incomes of small-scale food producers**, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal **access to land**, other productive resources and inputs, knowledge, financial services, **markets and opportunities** for value addition and non-farm employment

Measured by:

2.3.2. Average income of small-scale food producers, by sex and indigenous status

# SDGs affected by Impacts of PF-PPP Projects (Contd...)

## GOAL 3: Good Health and Well-being: Ensure healthy lives and promote well-being for all at all ages

3.6. By 2020, **halve the number of global deaths and injuries** from road traffic accidents  
(alternative to road transport)

Measured by:  
3.6.1. Death rate due to road traffic injuries

3.9. By 2030, substantially **reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and Contamination**  
(safely transport hazardous chemicals to reduce the pollution and spillage contamination)

Measured by:  
3.9.1. Mortality rate attributed to ambient air and soil pollution

# SDGs affected by Impacts of PF-PPP Projects (Contd...)

## GOAL 5: Gender Equality: Achieve gender equality and empower all women and girls

5.1. **End** all forms of **discrimination against all women and girls** everywhere

Measured by:  
5.1.1. Whether or not legal frameworks are in place to promote, enforce and monitor equality and non-discrimination on the basis of sex

# SDGs affected by Impacts of PF-PPP Projects (Contd...)

**GOAL 8: Decent Work and Economic Growth: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**

**8.1. Sustain per capita economic growth** in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries

Measured by:  
8.1.1. Annual growth rate of real GDP per capita



# SDGs affected by Impacts of PF-PPP Projects...

**GOAL 9: Industry, Innovation and Infrastructure: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**

9.2. Promote **inclusive and sustainable industrialization** and, by 2030, significantly raise industry's share of employment and gross domestic product, and double its share in least developed countries

Measured by:  
9.2.1. Manufacturing value added as a proportion of GDP and per capita  
9.2.2. Manufacturing employment as a proportion of total employment

9.4 Expected contribution to **upgrade infrastructure** to make them sustainable, with increased **resource-use efficiency** and greater adoption of **clean and environmentally sound technologies** and treatment processes

Measured by:  
9.4.1 CO2 emission per unit of value added

# SDGs affected by Impacts of PF-PPP Projects...

## GOAL 11: Sustainable Cities and Communities: Make cities and human settlements inclusive, safe, resilient and sustainable

11.6. By 2030, **reduce the adverse per capita environmental impact of cities**, including by paying special attention to air quality and municipal and other waste management

Measured by:  
11.6.2. Annual mean levels of fine particulate matter (e.g. PM2.5 and PM10) in cities (population weighted)

11.a. **Support positive economic, social and environmental links between urban, peri-urban and rural areas** by strengthening national and regional development planning

Measured by:  
11.a.1. Proportion of population living in cities that implement urban and regional development plans integrating population projections and resource needs, by size of city

# SDGs affected by Impacts of PF-PPP Projects (Contd...)

## GOAL 12: Responsible Consumption and Production: Ensure sustainable consumption and production patterns:

12.2. By 2030, achieve the **sustainable management and efficient use of natural resources**

Measured by:  
12.2.2. Domestic fuel consumption, domestic fuel consumption per capita, and domestic fuel consumption per GDP

12.3. By 2030, **halve per capita global food waste** at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses

Measured by:  
12.3.1 National/provincial food loss index

# SDGs affected by Outcomes of PF-PPP Projects (Contd...)

**GOAL 17: Partnerships to achieve the Goal: Strengthen the means of implementation and revitalize the global partnership for sustainable development**

17.17 Encourage and **promote effective public, public-private and civil society partnerships**, building on the experience and resourcing strategies of partnerships

Measured by:  
17.17.1 Amount of United States dollars committed to public-private and civil society partnerships

# Concluding Remarks

What are we trying to answer through People First PPPs:

- **Goal 17: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development**
  - 17.3 Mobilize **additional financial resources** for developing countries from multiple sources
  - 17.17 Encourage and promote effective public, public private and civil society partnerships, building on the experience and resourcing strategies of **partnerships**.
- **We need to be clear that the route of PPP is trying to do above, as a subset of SDG 17, to strengthen Goal 9.**
- **It is one way of doing it. It is not discarding public sector management.**



**Thank you  
for your patient hearing**

