



TUNISIA  
PPP 2018



14



Location:  
Tunis



Company:  
TRANSTU



Mission:  
Refurbishment and  
maintenance of the  
rolling stock



Cost:  
TND 200 million

## Pipeline of PPP projects in Tunisia

### Refurbishment and maintenance of the rolling stock of the tramway of Tunis

#### General project presentation

*The purpose of this project (TND 200 million) is to overhaul and refurbish the 120 Siemens Metro cars of the Société des Transports de Tunis (TRANSTU), which have been in circulation since 1985.*

#### Project justification

The expected effects of this project are:

- Improve the availability rate of the park,
- Ensure the safety and comfort of metro rolling stock,
- Improve the quality of the service offered,
- Solve the problems of obsolescence of spare parts.
- Reduce operating costs by reducing the cost of maintenance and energy consumption (changing the traction chain from direct current to alternating current).
- Improve the safety of travellers,

The Siemens fleet consists of 134 cars:

- 77 cars commissioned in 1985;
- 43 cars commissioned in 1992;
- 14 cars commissioned in 1998.



## Legal and institutional framework

The main public stakeholder is the Tunis Transport Company (Société des Transports de Tunis / TRANSTU) is a Tunisian public company in charge of the management of passenger transport for the Tunis metropolitan bus and light rail networks as well as the operation of the Tunis-Goulette-Marsa (TGM) railway line. Founded in 2003 from the merger between the National Transport Company (SNT) and the Tunis Light Rail Transit Company (SMLT), it transported 445 million passengers in 2007.



Figure 1: Map of the light rail network of Tunis (Source: TRANSTU)

## Functional scope of the project

- Overhauling the gearboxes and the traction chain.
- Changing 57-car traction chains (DC traction motor with AC traction motor).
- Overhauling the braking system
- Overhauling 43-car drivetrain.
- Refurbishing the sheet metal and painting
- Refurbishing the lining and floor
- Replacing the production and air handling systems
- Installing new door control system
- Installing a visual information system for travellers (internal and external indicators).