



**COUNTRY**  
LEBANON  
**NAME OF CLIENT**  
MINISTRY OF PUBLIC WORKS &  
TRANSPORT  
**SOURCE OF FUNDING**  
INTERNATIONAL FINANCING  
INSTITUTION(S)

March 2015 - October 2016  
**FEASIBILITY STUDY OF BEIRUT - TRIPOLI RAILWAY**



**DETAILED PROJECT DESCRIPTION**

The study aims to analyze tasks related to Traffic and Economic Assessment within the General Feasibility Study for the Tripoli-Beirut Railway, approximately 80 km in length.

Based on the most recent data, the supply and demand for transport were refined with detailed information about the corridor's surroundings. A base case for the year 2015 was established and calibrated for two peak periods (AM and PM) using current traffic counts. Growth rates were projected, and traffic forecasts, along with sensitivity tests, were conducted for several scenarios.

**SERVICES PROVIDED**

- Conducting site investigation and Traffic Surveys (OD, ATC, MTC, SP).
- Calibration of the current base case, demand/supply adequacy.
- Elaboration of growth rates based on demographic, social and economic analysis.
- Analysis and comparison of institutional scenarios for implementation and operation.
- Traffic and revenues appraisal of selected options.
- Integration of the new facilities within the proposed future bus network system.

