



COUNTRY

LEBANON

NAME OF CLIENT

SOLIDERE (BEIRUT BCD
DEVELOPMENT AND
RECONSTRUCTION COMPANY)

SOURCE OF FUNDING

SOLIDERE (BEIRUT BCD
DEVELOPMENT AND
RECONSTRUCTION COMPANY)

November 2004 - July 2006

TRANSPORTATION MASTER PLAN - TRAFFIC MODELLING CITY OF BEIRUT BCD AREA



DETAILED PROJECT DESCRIPTION

The objective of the study was to set-up a reliable traffic model for the Beirut Central District based on data collection and field surveys (traffic counts, OD, road characteristics,...). The model was calibrated using EMME/2 tool. Several tests were performed in order to analyse the impacts of development options on infrastructure and traffic regulation. A base case growth scenario was proposed and forecast for year 2010 and 2020 were performed accordingly.

On the basis of these results, options for road development, traffic regulation, parking policy and modal split were analysed.

SERVICES PROVIDED

- Organization and follow-up of the site survey, results analysis and creation of data base\
- Field survey for road characteristics calibration of traffic model and references case
- Traffic forecast according to base case scenario and sensitivities tests
- Evaluation of option for Transport Master Plan

