



**COUNTRY**  
 UAE  
**NAME OF CLIENT**  
 RKP RAFIK EL KHOURY & PART-NERS –  
 ABU DAHBI  
**SOURCE OF FUNDING**  
 PRIVATE INVESTOR



October 2006 - April 2007

**TRAFFIC MODELLING ANALYSIS – BAHRANI ISLAND**

**DETAILED PROJECT DESCRIPTION**

The study developed a reliable traffic model for Bahrani Island in Abu Dhabi based on the projected built-up area (approximately 2,200,000 sqm). The model was calibrated using the EMME tool, and several tests were performed to design an appropriate network and analyze the impacts of development options on infrastructure or traffic regulation.

**SERVICES PROVIDED**

- Forecasts for attracted/generated traffic flows
- Traffic flows Modelling
- Road design and cross sections
- Estimation of Marina Capacities

