

# Transport Models for Thailand

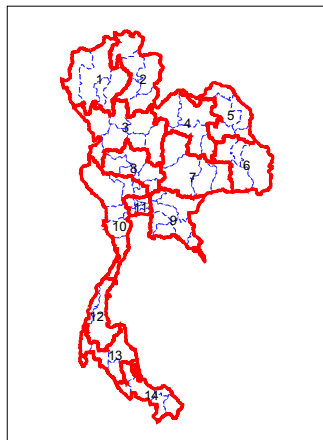
Client:

Office of Transport and Traffic Policy and Planning

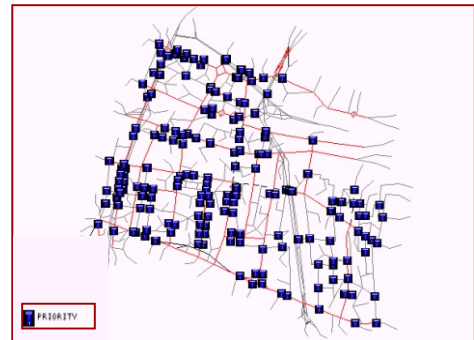
Period of Appointment:

1997 to 2001

AMP Consultants Ltd and ESRI has been appointed by the Office of Transport and Traffic Policy and Planning (OTP) of the Royal Thai Government to develop and maintain a suite of Transport Models for suitable application in Thailand.



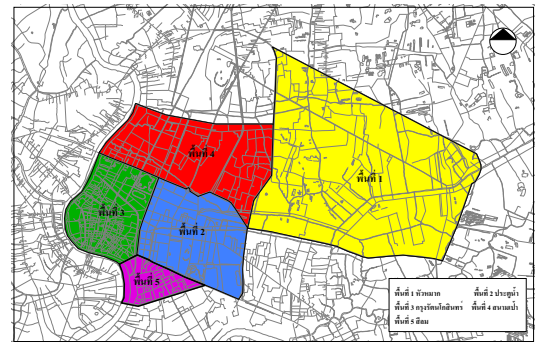
The National, Bangkok Extended City and Local Area assignment models are TRIPS based. The junction assignment models use the SIDRA suite.



The assignment models are updated progressively every six month interval and the National and Bangkok Extended City models have been produced for forecasting of future year of 1998, 1999, 2006, and 2011.

The models are of three types

- (i) Strategic assignment, multi-modal, mode choice models.
  - National Model (NAM)
  - Bangkok Extended City (BMR-ECM) Model
- (ii) Tactical local area assignment models within Bangkok
  - Five Local Area Models
  - One Aggregated Area Model (Aggregated LAM)
- (iii) Junction Assessment Models(JAMs)



Thailand now has a suite of robust, compatible, up to date traffic assignment models, which are being used by all Government agencies active in transport policy and scheme evaluation. This provides the basis for a national, common evaluation approach.

