

Modelling Framework: India

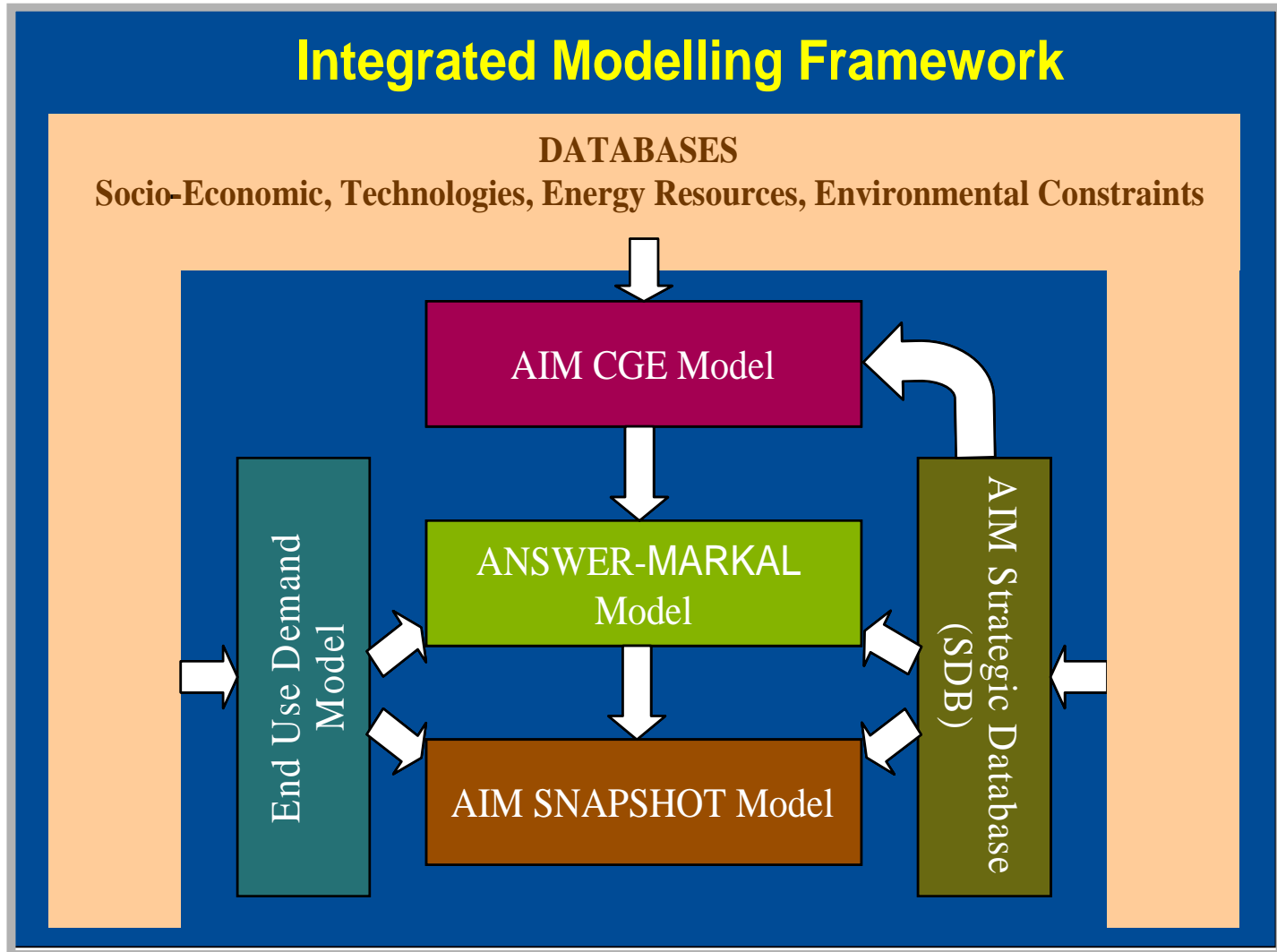


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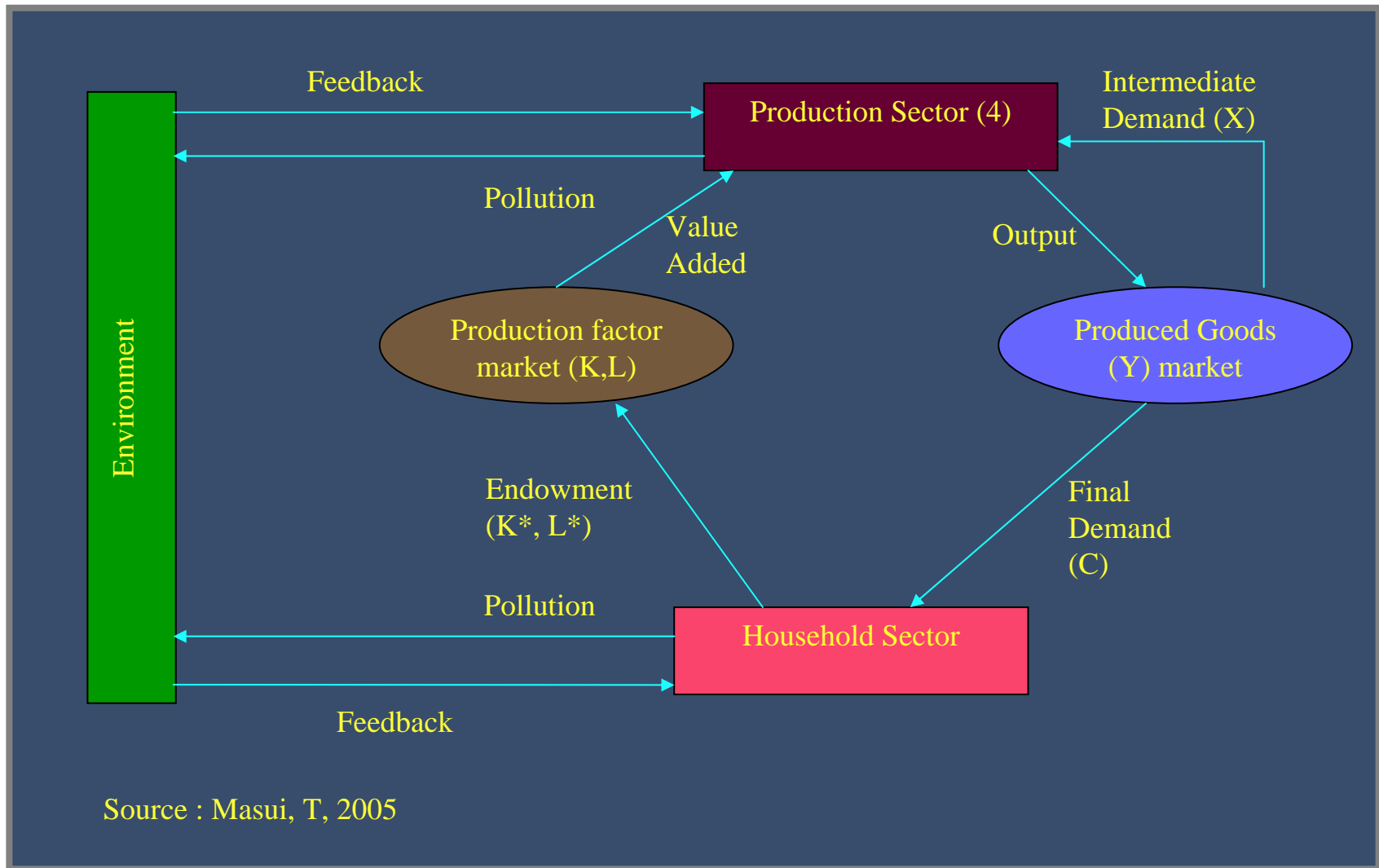
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Integrated Modeling Framework



AIM CGE Framework



Source : Masui, T, 2005

India AIM CGE Data Structure



1. Indian I/O Table (1998-99)

- 115 X 115 Commodity

2. Aggregated to

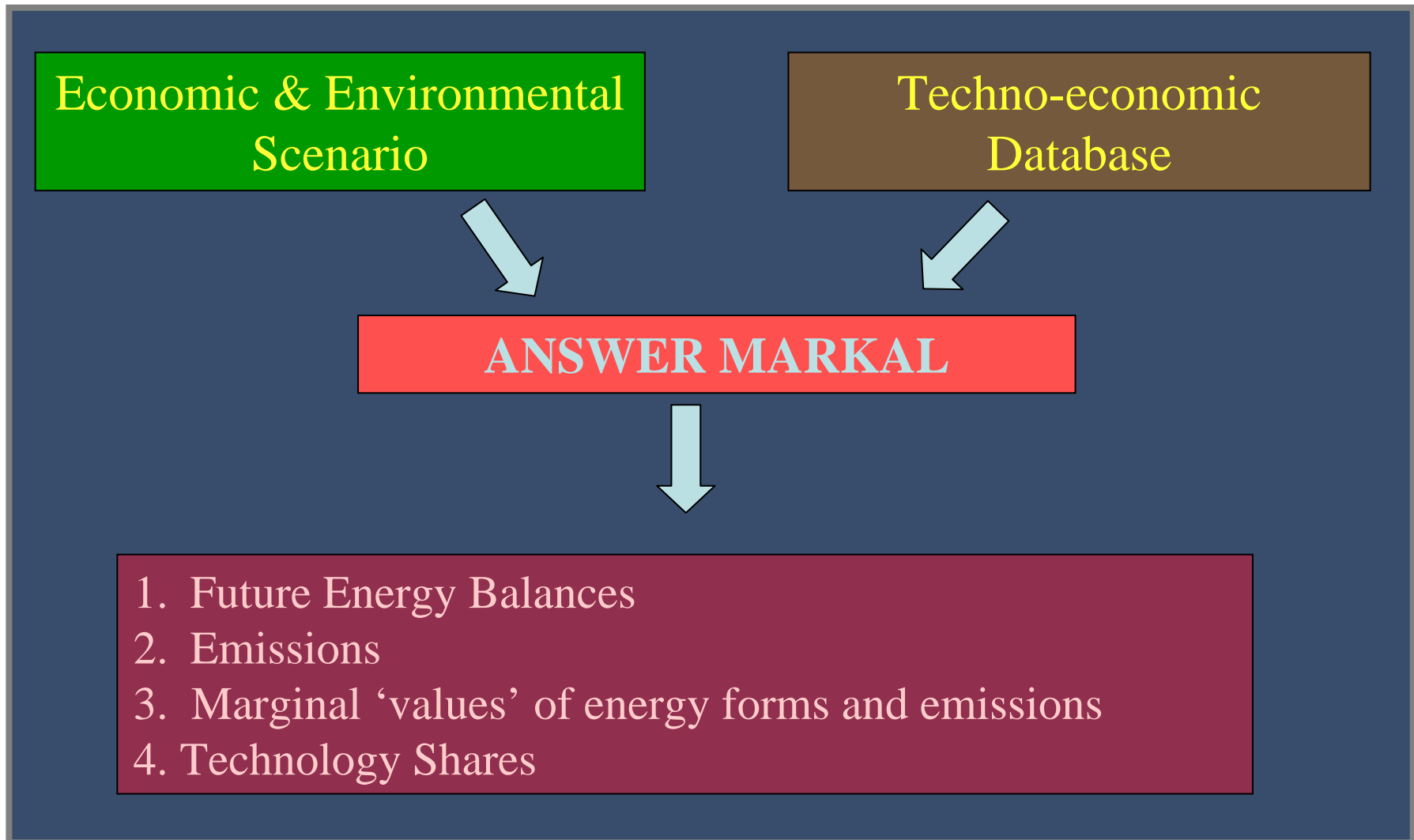
- 8 Sector X 8 Sector
 - 5 Energy Sectors
 - Coal, Oil, Gas, Nuclear, Renewable
 - 3 Production Sectors
 - Agriculture, Manufacturing, Services

3. Exogenous Inputs

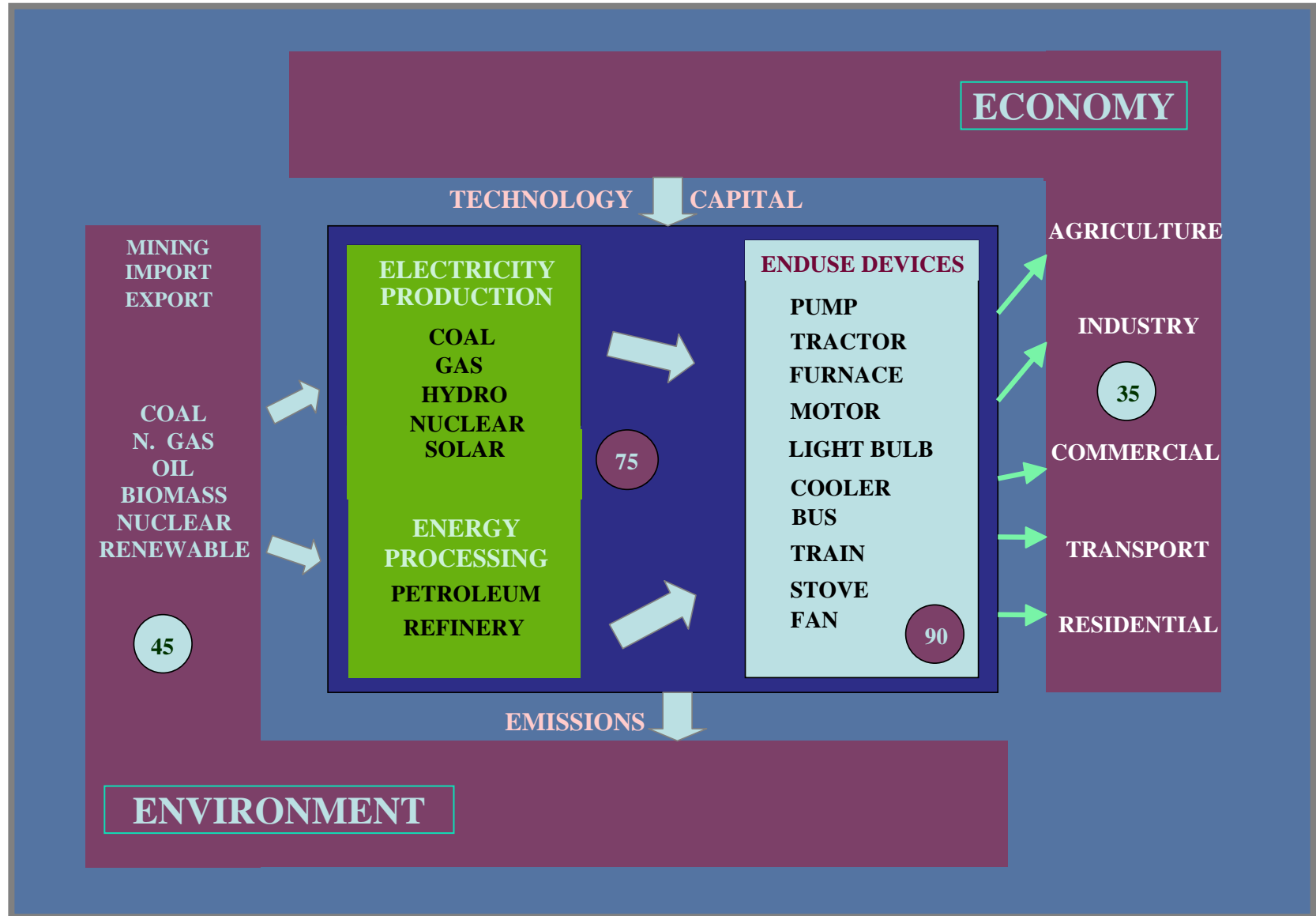
- Carbon Tax trajectory
- Fossil fuel prices



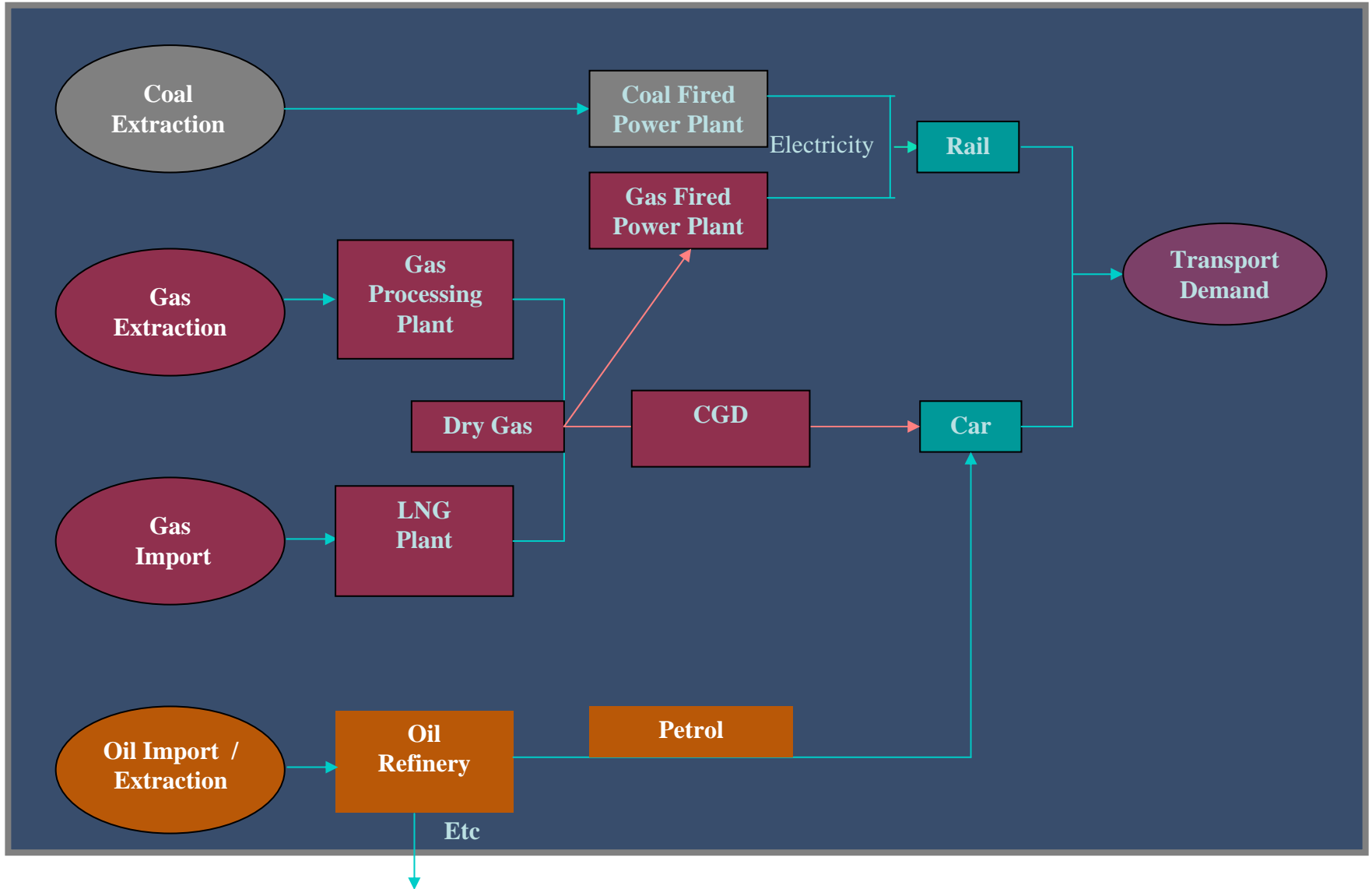
ANSWER MARKAL



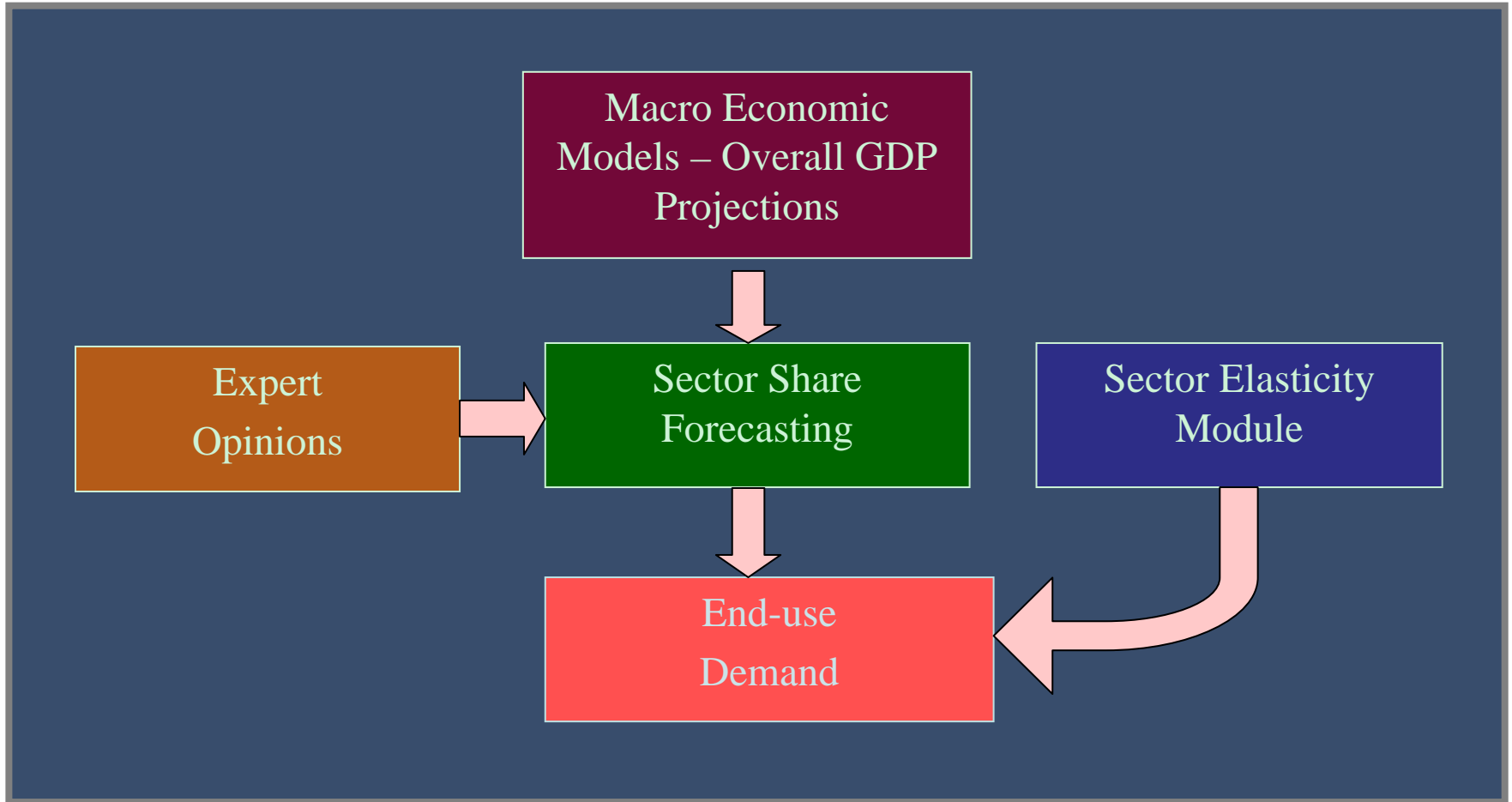
Energy Economy Environment System



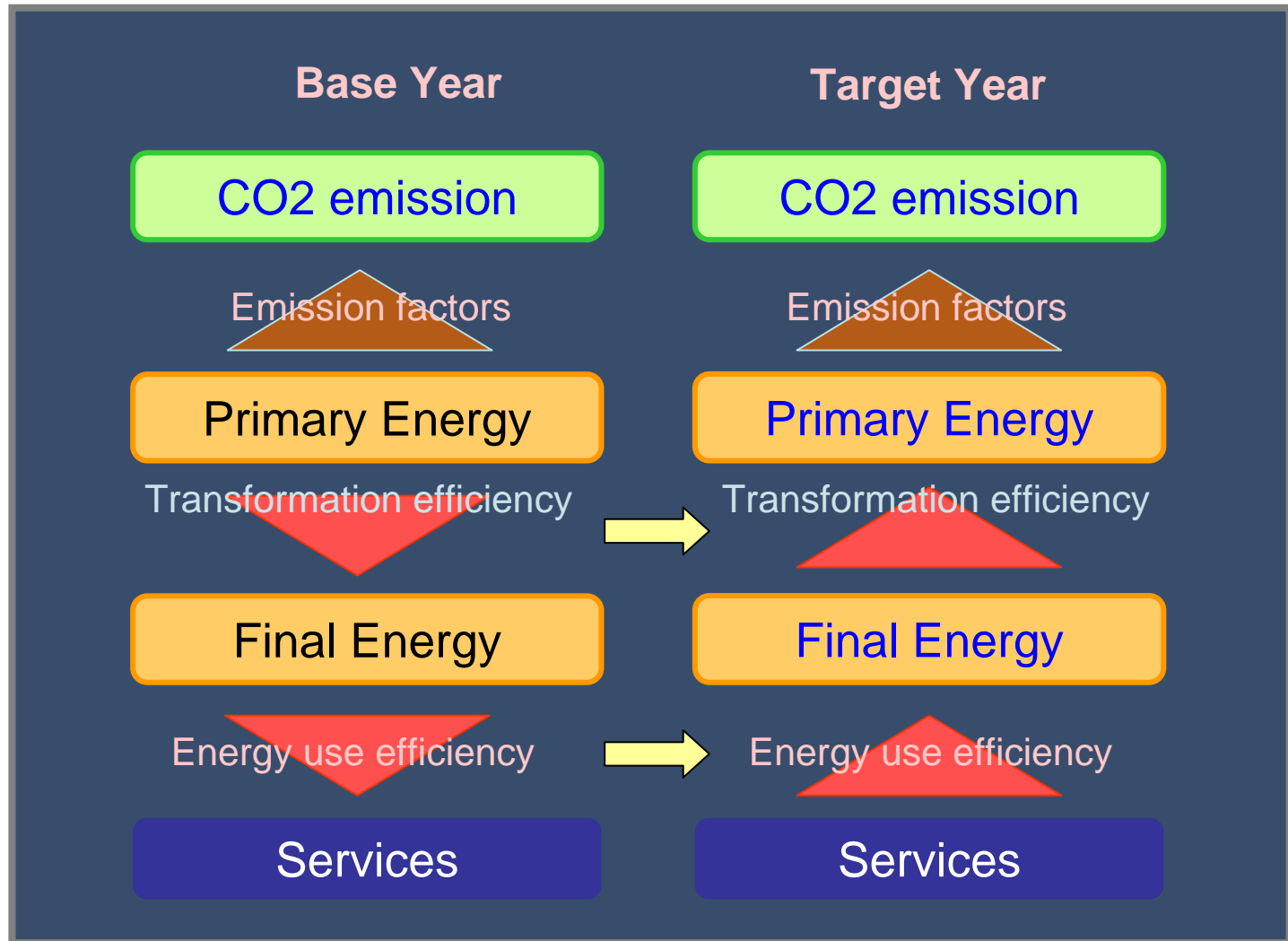
Reference Energy System (Modified)

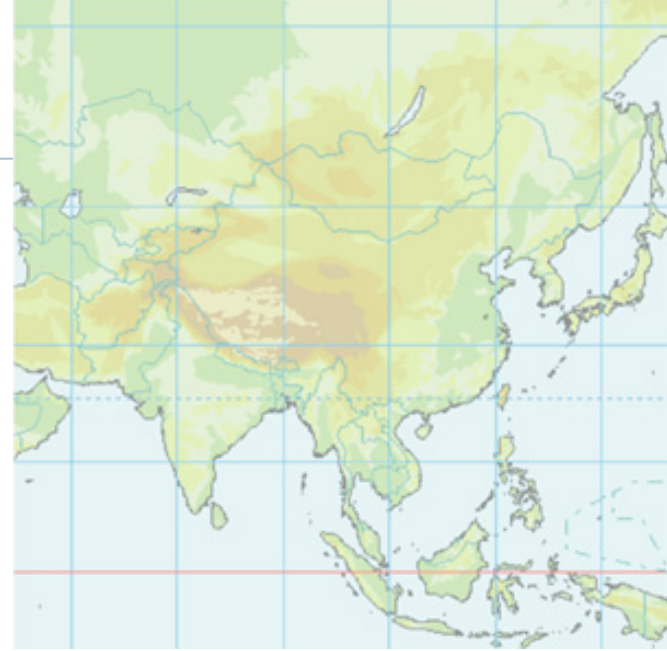


End-Use Demand Projection Model



AIM SNAPSHOT





Thank you