



Sustainable
Energy
Communities



Tool No: 3.3.5 Model

SEC-TOOLBOX

Tool Category no. 3.3 Scenario Analysis

Overview	
ID-number	3.3.5
Name	PRIMES
Date	N/A
Type	Model
Language	English
Developer	National Technical University of Athens.
Contact Data	www.e3mlab.ntua.gr

Description

Integrated energy/environment analysis for EU-25. PRIMES is a modelling system that simulates a market equilibrium solution for energy supply and demand in the European Union (EU) member states. The model determines the equilibrium by finding the prices of each energy form such that the quantity producers find best to supply match the quantity consumers wish to use. The equilibrium is static (within each time period) but repeated in a time-forward path, under dynamic relationships. The model is behavioural but also represent in an explicit and detailed way the available energy demand and supply technologies and pollution abatement technologies.