

# Element models for LCS study; Outline

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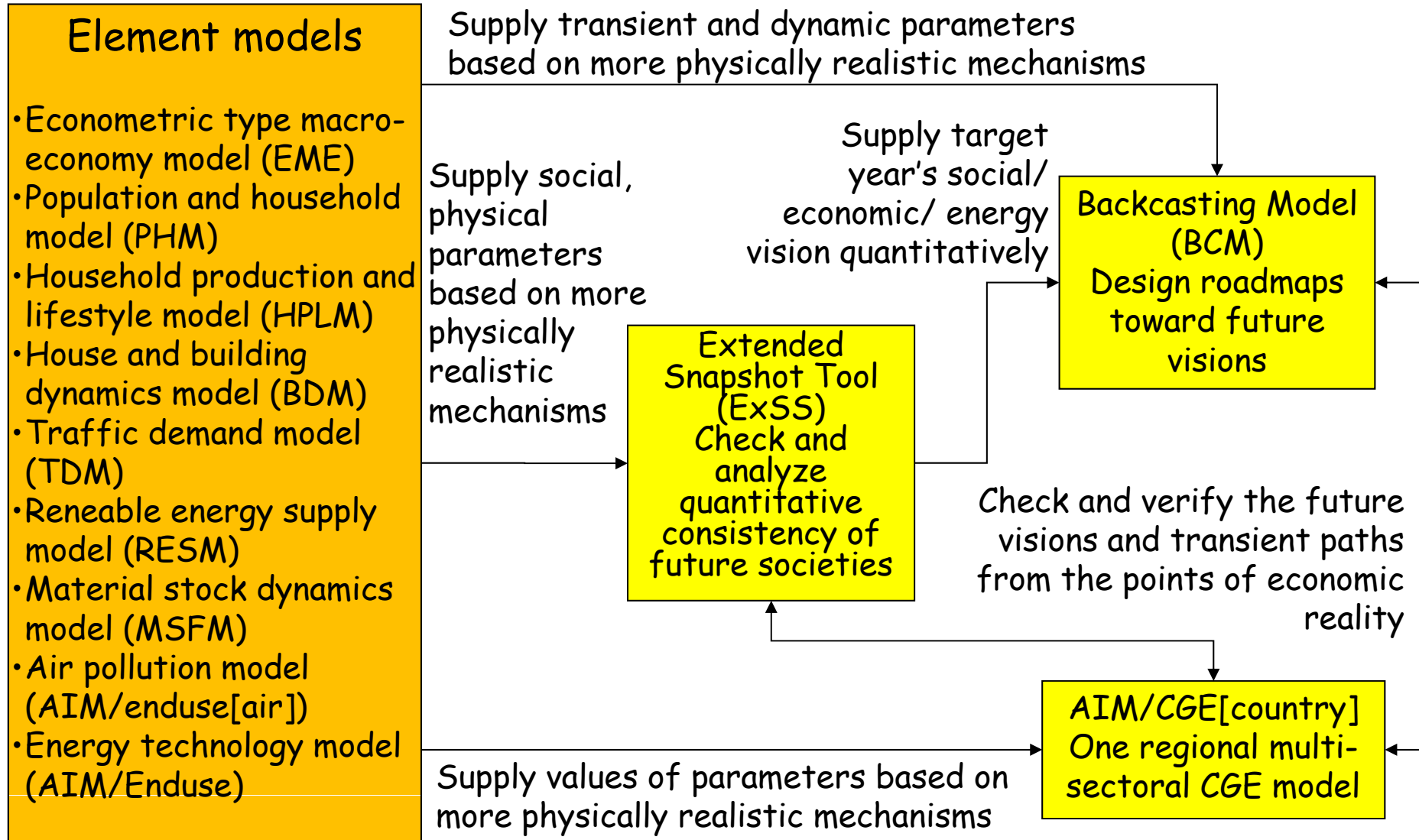
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## Purpose of this session

- Modeling approach toward the Low Carbon Society,
  - Consistent whole pictures to realize LCS.
    - ExSS, CGE, Backcasting models
  - Representing the more clear, detailed and concrete pictures
    - Element models
- Especially, in order to accelerate the approaches toward the LCS, detailed pictures are inevitable.
- Introduction of our models;
  - which aspect is modeled?
  - What information is necessary to use it?
  - What is the output information by using it?

# How to integrate various models with consistency



## Presentation in this session

- ◆ Population and household by Dr. Y.Kanamori
  - ◆ Macro economy by Ms. R. Kawase
  - ◆ Material Stock & Flow by Ms. R. Kawase
  - ◆ Renewable Energy Supply by Dr. S. Ashina, Dr. G. Kayo, and Dr. D. Silva
  - ◆ Transportation by Prof. G.Kurata
  - ◆ Air Pollution by Prof. G.Kurata
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- Purpose of each model
  - Necessary Inputs
  - Output
  - If you want to use specific model for your low carbon scenario, please contact responsible person directly!