

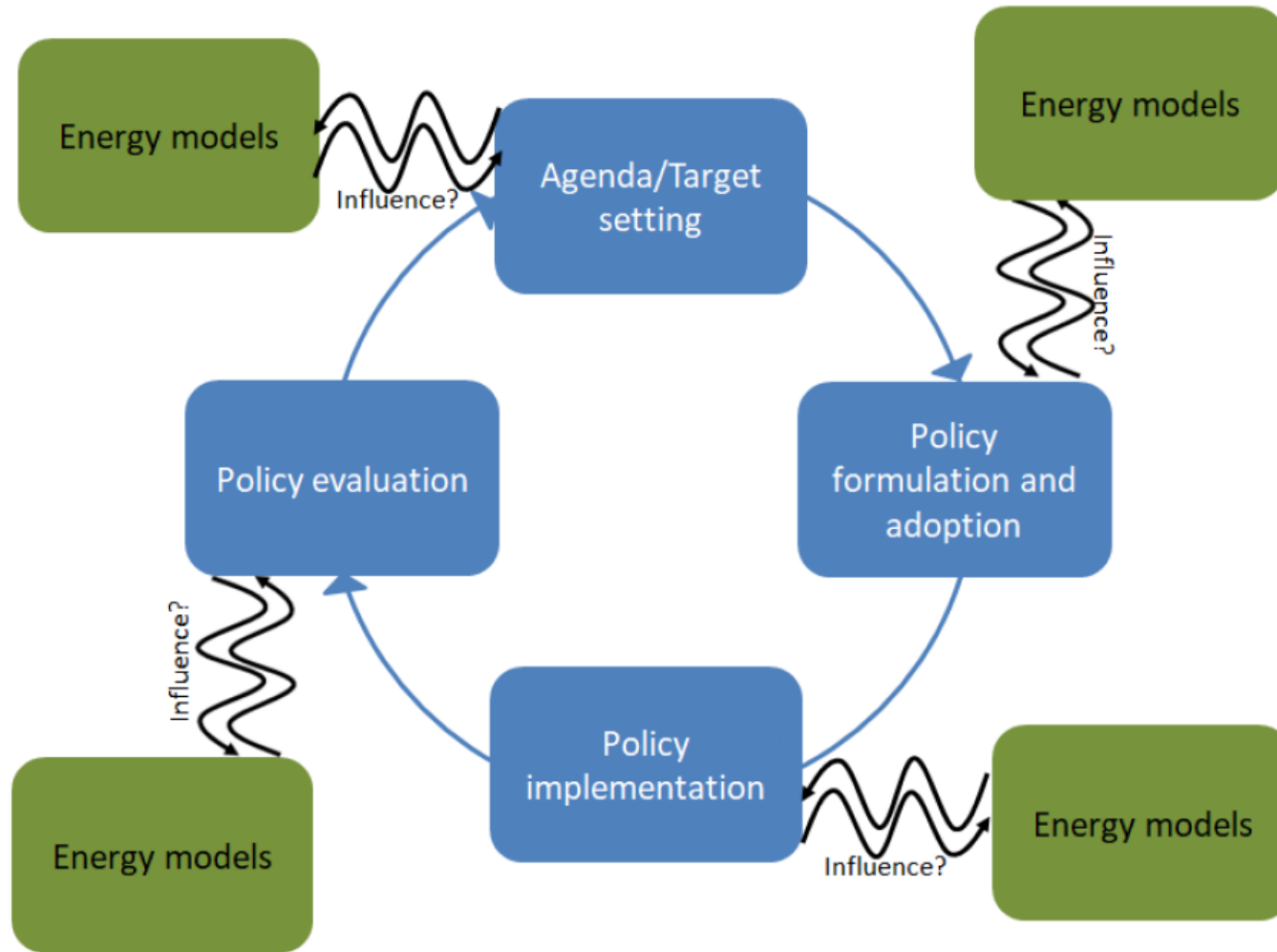


# The Importance of Energy System Models in Energy Policy Making

EU GREEN WEEK 2021 PARTNER EVENT

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# Possible use of models

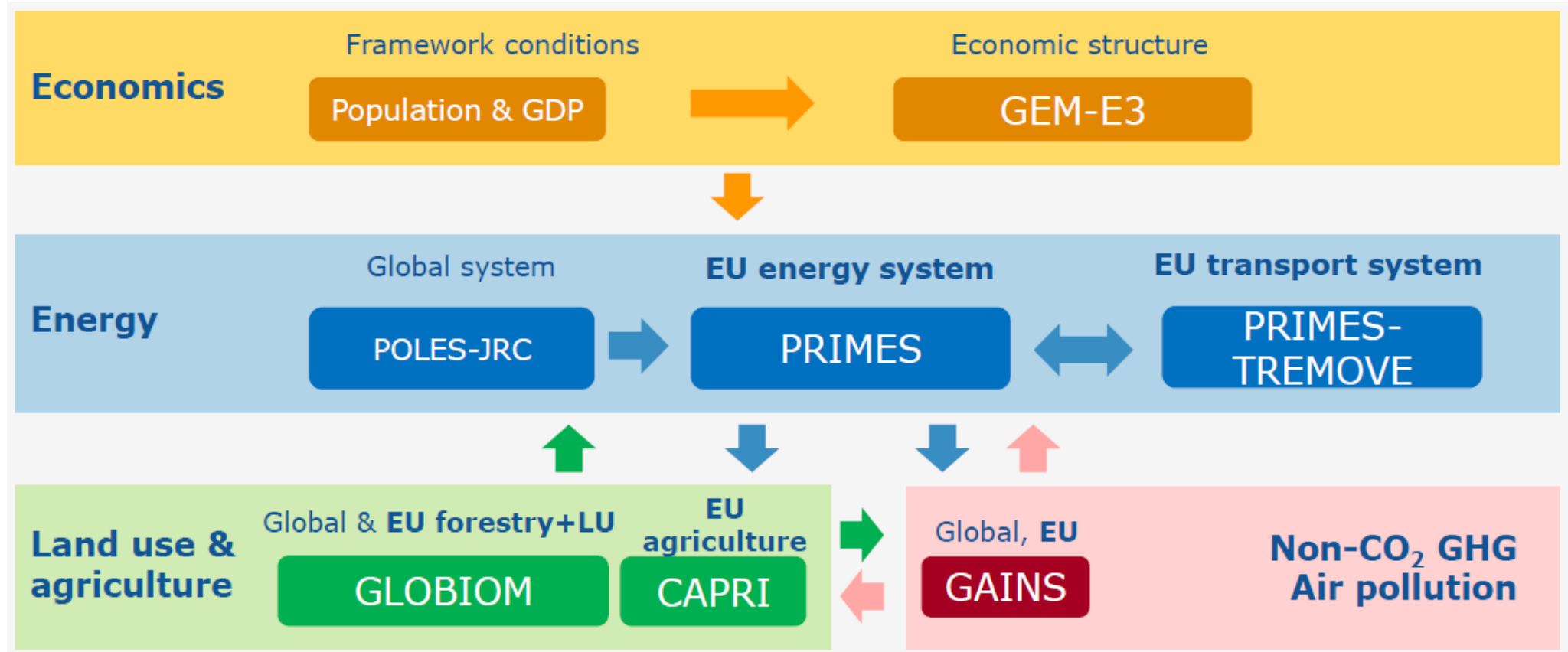


Source: SENTINEL project

# Modelling in energy efficiency policy making

- Exploring → preparatory model-based studies and research projects
- Policy formulation and adoption → impact assessment
- Policy implementation → studies and research projects
- Policy evaluation → evaluations (data and evidenced based)

# Climate Target Plan and Fit for 55



# Use of modelling in energy efficiency policy

- Future projections of energy demand (reference scenarios, WEM, WAM)
- New trends and developments → capturing societal trends and behavioural and technological changes
- Impact assessments → assessing wider benefits
- Counterfactual scenarios

# Involvement in modelling

- Assumptions:
  - Macroeconomic projections
  - Future costs and prices
  - Technology assumptions
- Data inputs
- Representation of policies
- Validation of results (reality check)

# Thank you



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