

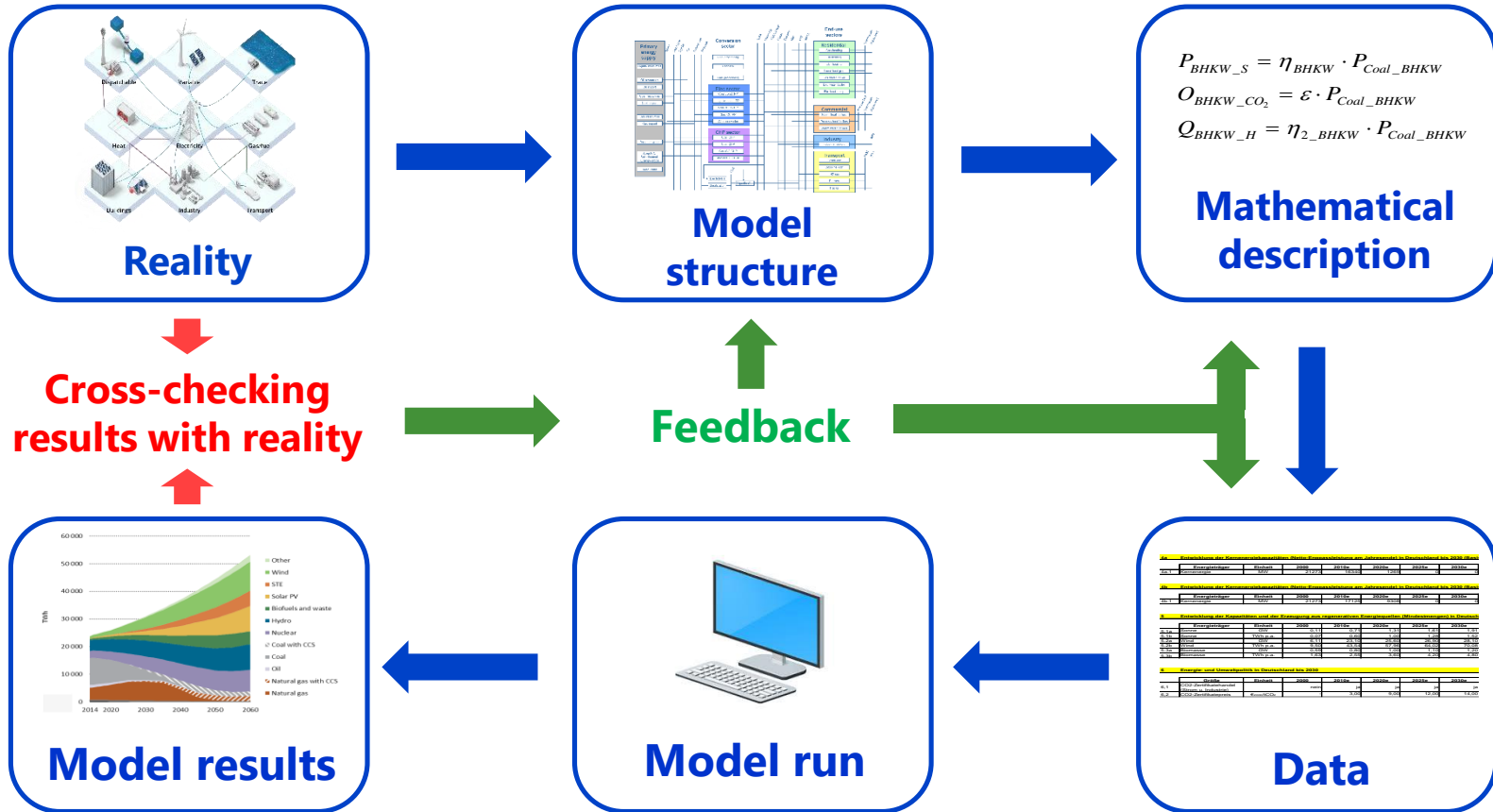


Aspects of a robust LTES development process

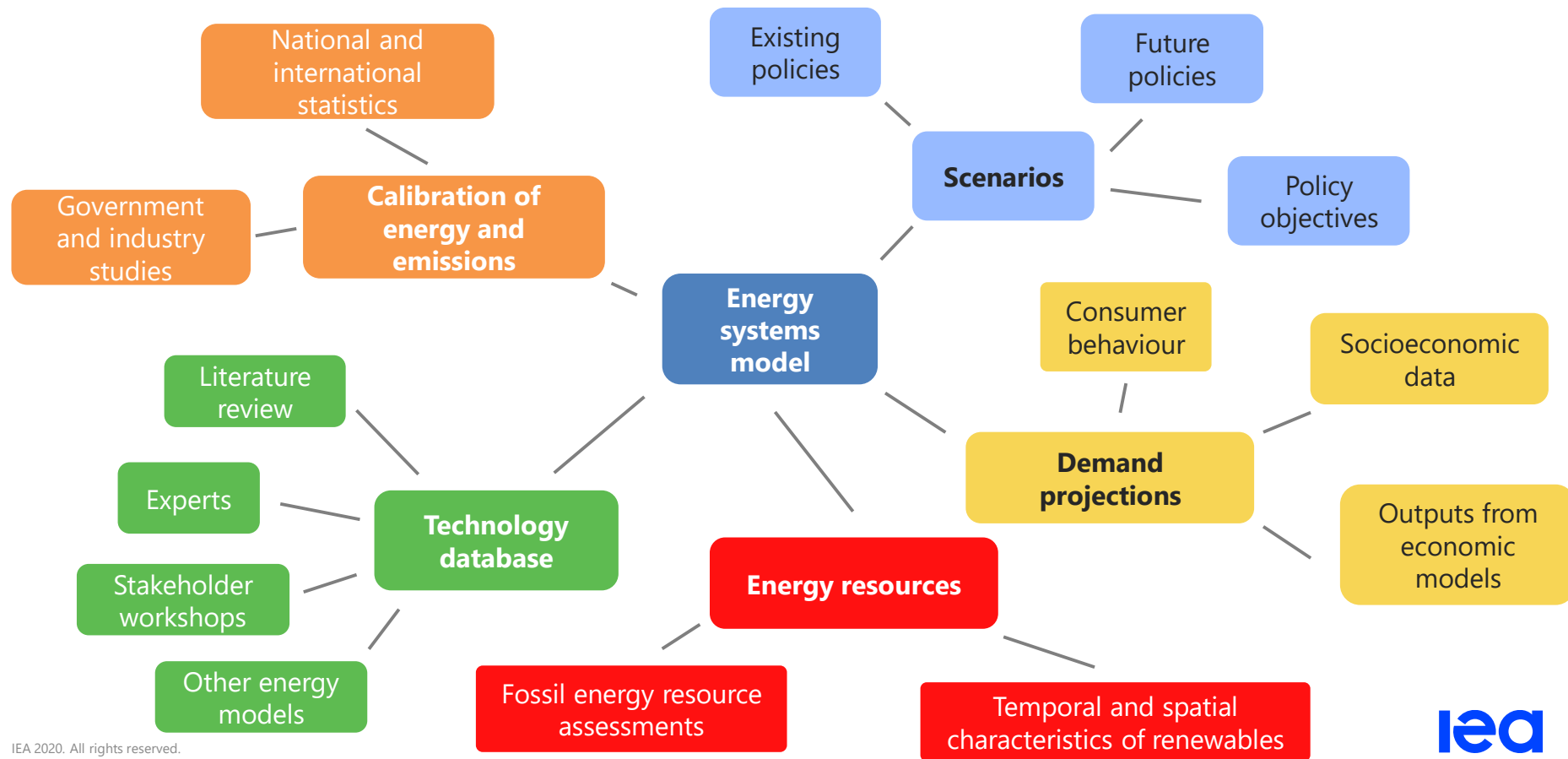
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26 March 2020, 2nd International Forum **Long-term Energy Scenarios for the Clean Energy Transition**

Model and scenario development is a complex process



Data research and data analysis is a critical step, requiring inputs from various disciplines



Measures for a robust model and scenario development process

Long-lasting commitment in developing capabilities for model and scenario analyses:

- Building-up modelling capabilities and developing a model requires time and resources
- Stable framework needed to support these activities within governments and/or outside in technical institutions/academia

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Developing networks or platforms for experts and stakeholders along the model and scenario development process:

- Modelling tools (e.g. IEA-ETSAP, OSeMOSYS, LEAP, MESSAGE)
- Data (e.g. group of experts providing/reviewing model assumptions)
- Scenario development and results (e.g. 2050 Pathways Calculators, comparative modelling studies)

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Supporting diversity in models and methodologies:

- Different modelling approaches have their specific strengths and weaknesses
- Developing a toolbox of different models can help to address a wider range of aspects or questions within a scenario

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