

Incorporating global hydrogen insights for national LTES narratives

4th International Forum on Long-Term Scenarios for the Clean Energy Transition

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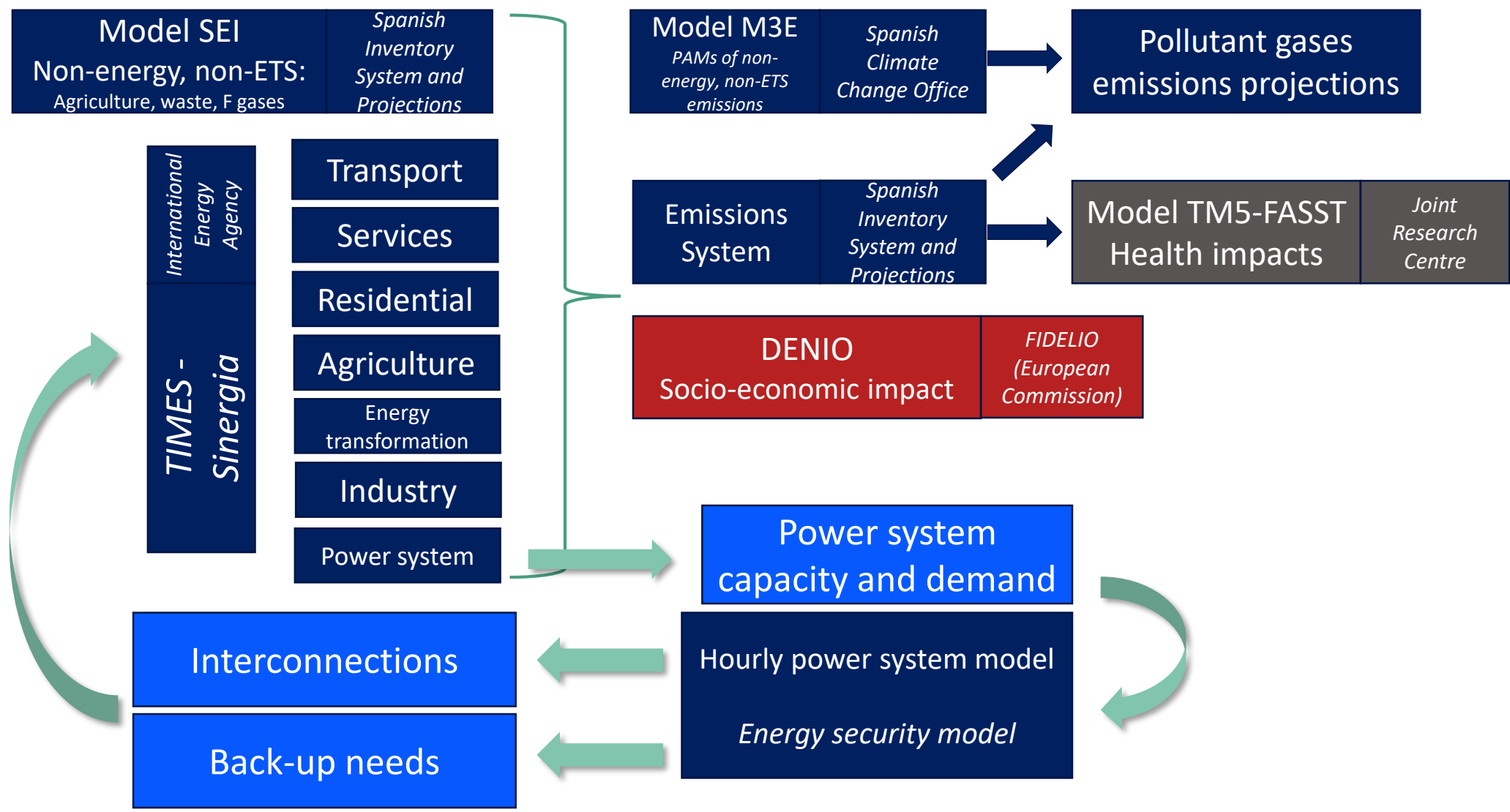
Spain

Strategic energy and climate framework

The Strategic Energy and Climate Framework defines the **pathway for the transition to climate neutrality**, which implies a profound transformation of the energy system towards a decentralised and flexible model based on renewable energies.



Models



Discussion points



Selection of the most cost-effective technology for the decarbonization



Optimal hours of operation of the electrolyzer and configuration of the renewable installation



Challenge in energy efficiency objectives



Studies about energy system integration

- Improving integration
- Seize renewable spillages
- Lack of renewable resources overlapping



Environmental impact

- Energy water nexus

Thank you