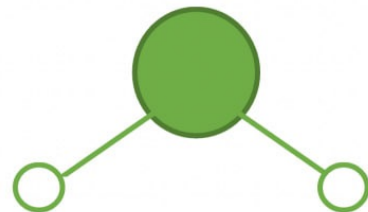


Resilience4Hydrogen

Objectives:

- A. Identify potential **risks** and **interdependencies** in the development of global hydrogen value chains
- B. Create a digital **hydrogen sandbox** with forecasting simulations of the dynamics of the hydrogen **value chain**, from policy and investment, raw material availability and infrastructure expansion to supply security
- C. Provide **resilient decision strategies** for key stakeholders in the hydrogen value chain
- D. Map roles for the **EU hydrogen system** as part of the **global hydrogen system**
- E. Design policy recommendations for the **adaptive upscaling** of the EU hydrogen system to promote a fast uptake of hydrogen and increase the global renewable energy share



Resilience4Hydrogen

Scope:

- EU/national policies
- Material sourcing
- Network expansion
- Network operation
- Import/export
- Energy demand satisfaction

Methodology:



Identify system specifications and architecture



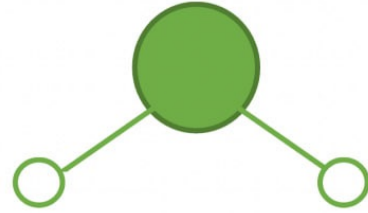
Develop simulations and decision systems



Conduct experiments and analyze results



Develop policy level decision support tools



Resilience4Hydrogen

Yaghma Coordinates and provides these **services** within Resilience4Hydrogen:



- Workshop implementation
- Stakeholder analysis
- Scenario building



- Resilience assessment
- Trustworthiness assessment
- Support for development of decision systems



- Development of policy frameworks with change indicators