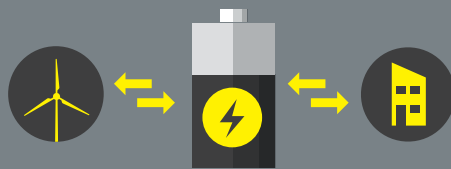


STORAGE AND INTEGRATION OF RENEWABLE ENERGY

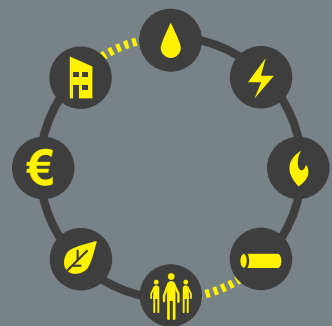
Our goals

Integrate renewable electricity into the energy system by:

- ▶ Developing technology for the storage of energy and for aligning supply and demand



- ▶ Developing revenue models and policy instruments for the integration of renewable energy in the energy system, based on an analysis of the energy system



Our partners

- ▶ Technology developers
- ▶ Energy service providers
- ▶ Knowledge institutes

We invite you to become a partner in this programme.

Would you like to know more?

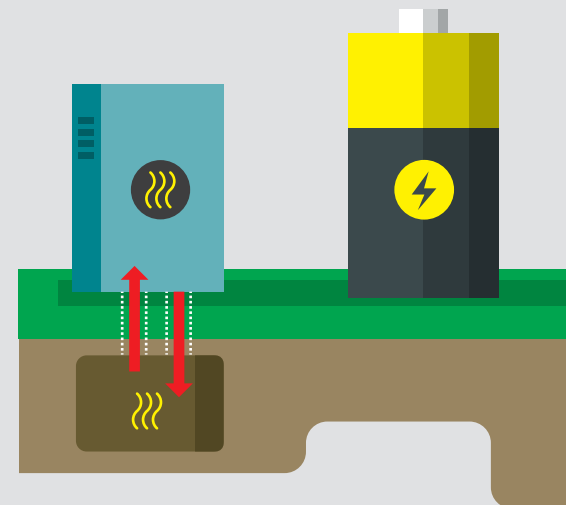
ecn.nl/system_integration

Tel.: 088 5154296

Storage and Integration of Renewable Energy Research Lines

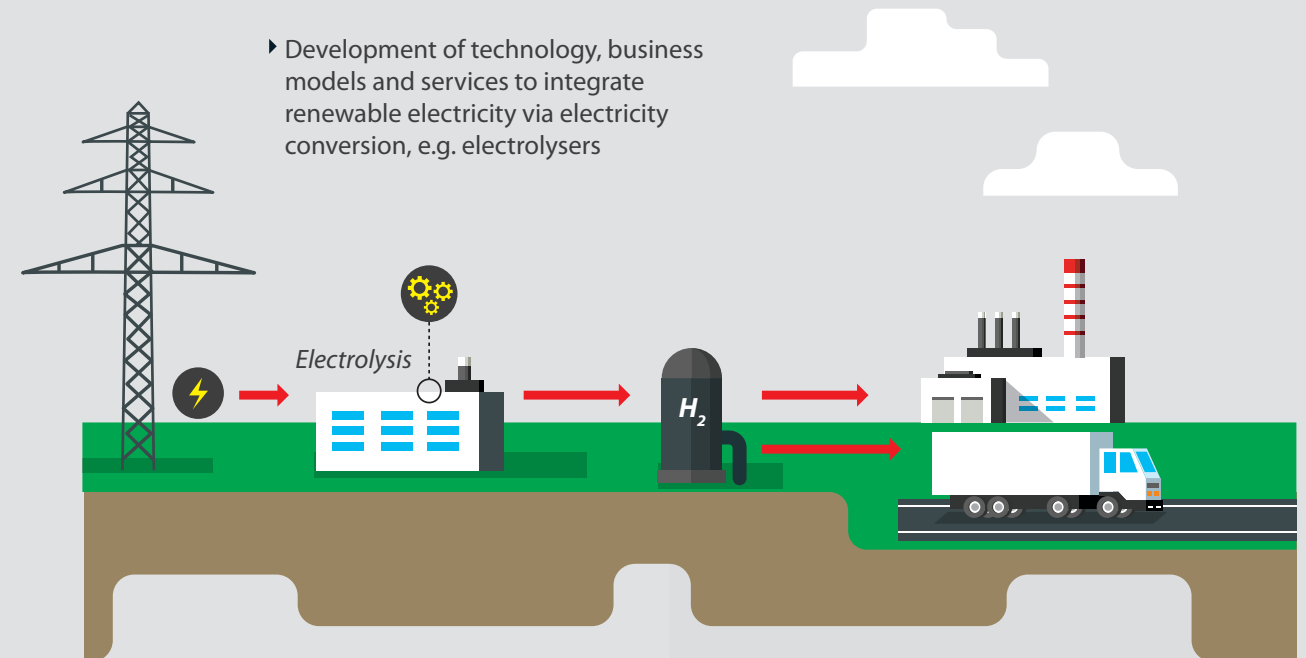
Energy storage

- ▶ Research on materials and systems for the compact storage of electricity (e.g. batteries) and heat



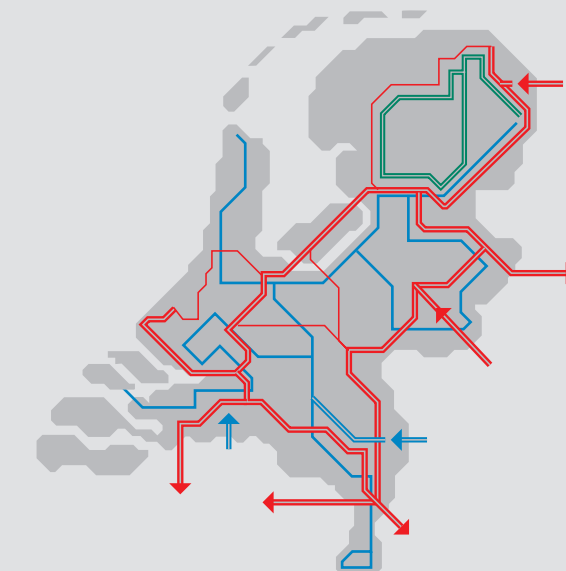
Electricity conversion

- ▶ Development of technology, business models and services to integrate renewable electricity via electricity conversion, e.g. electrolyzers



Optimisation of energy infrastructure

- ▶ Optimisation of the transport infrastructure for electricity, heat and gas



Design of energy systems

- ▶ Development of transition paths towards future regional and international energy systems
- ▶ Identification of the economic, social and spatial aspects of the energy transition

