




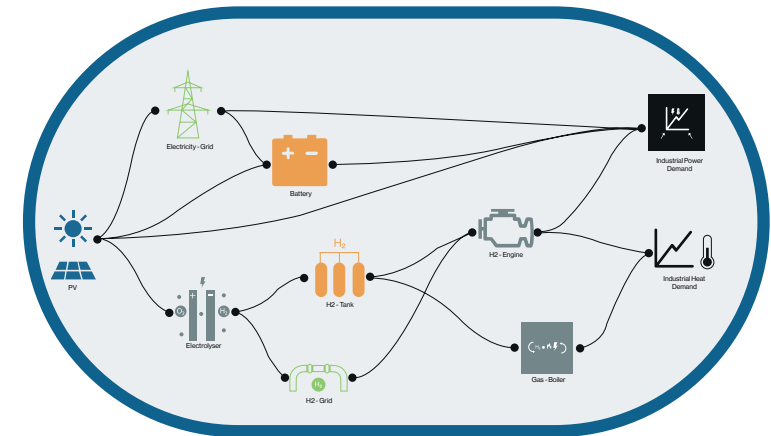


## LEC ENERsim: Your key to a sustainable energy system



### Key Features

-  **Broad application:** all forms of generic energy systems can be assessed
-  **Easy to set up:** allows to quickly find rough statements about the performance of a system
-  **Flexible modelling:** Simulation is possible with simple/generic models, as well as with more complex models
-  **Optimization:** to find the best energy system layout and the best operating strategy; different types of optimization methods possible
-  **Flexible extension possible:** easy adaption of tool structure and modules on new boundary definitions for special systems



### Highly flexible framework for optimizing complex energy systems

Modern energy systems combine a large number of different generators, storage systems and consumers. LEC ENERsim is a simulation platform for optimizing such systems, from the early design phase to commercial operation. ENERsim enables the coupling of numerous components such as energy sources, converters, storage units, grids or demands and allows the assessment of technical performance, as well as economic and ecological evaluations.

### Applications

- Power plants (industrial or utility)
- Renewable fuel production
- Microgrids
- Maritime systems / shipping