

Using a microgrid setup for testing the concept of grid-friendly energy communities in the Project GrECCo

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Objectives of lab test

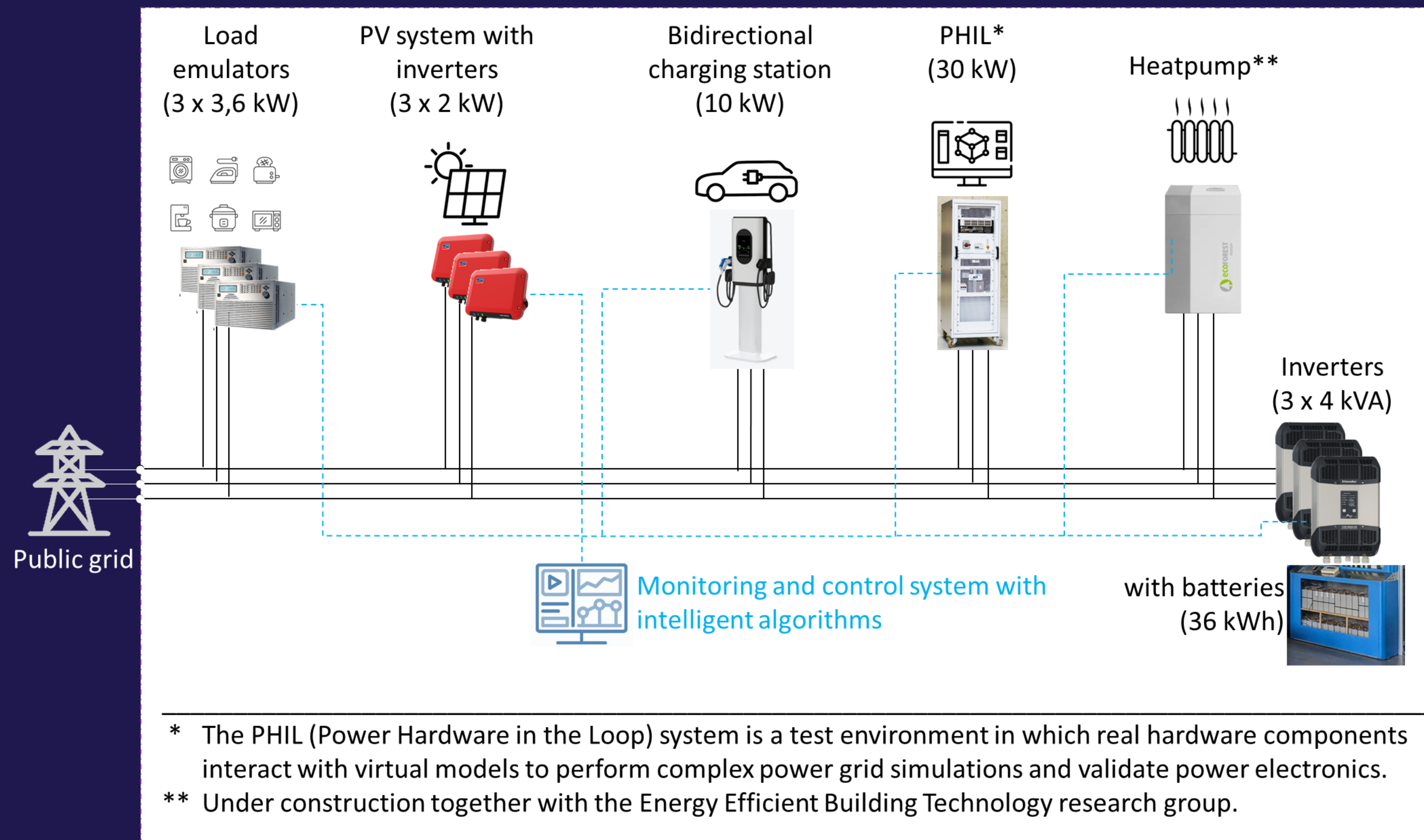
- Test communication and interfaces between coordination, grid operators and prosumers
- Test and demonstrate functionalities of the coordination algorithm and the local prosumer controls



Take a look at our microgrid!

How does grid-friendly flexibility coordination work for a prosumer?

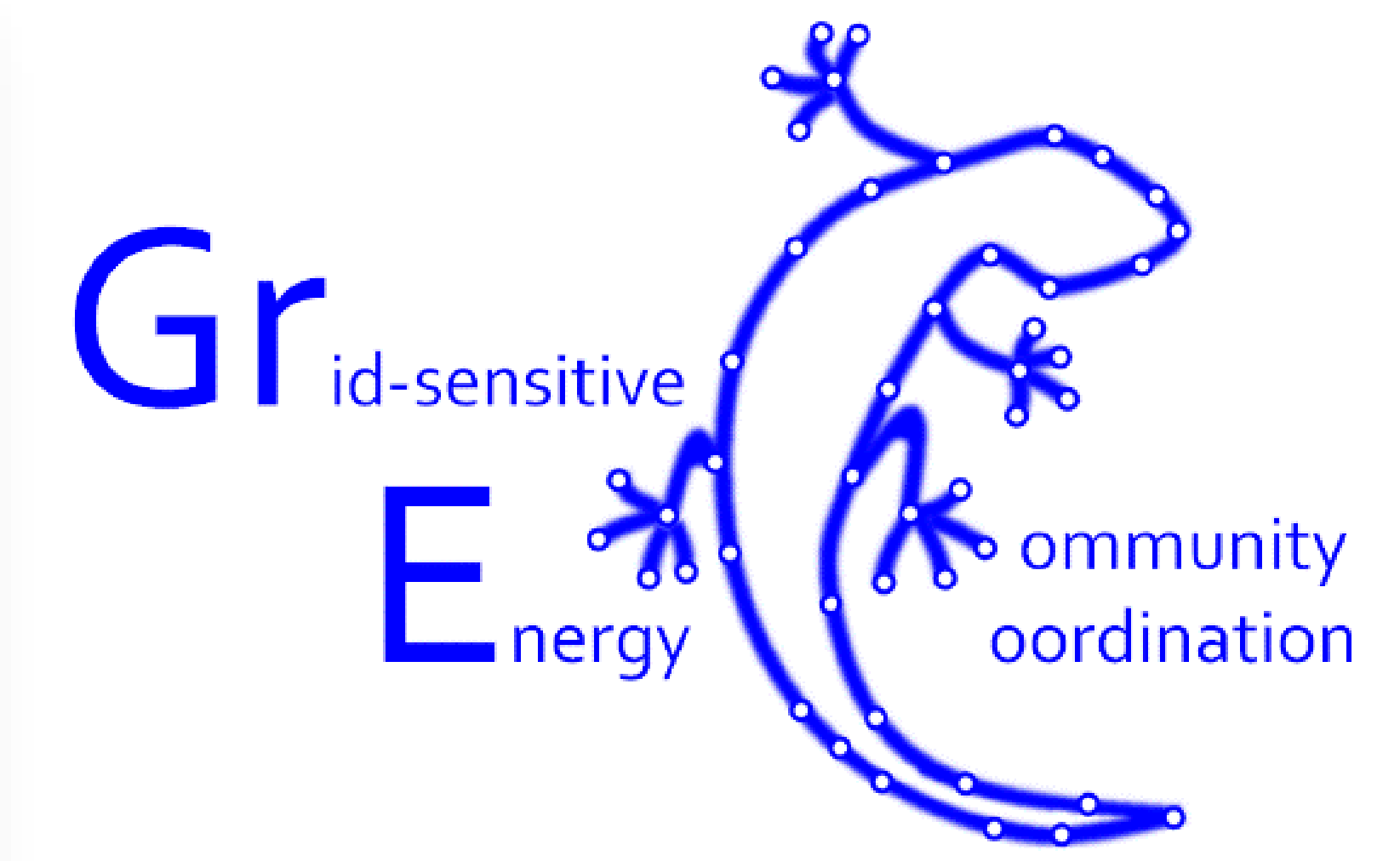
Microgrid at Institute for Sustainable Energy Systems (INES), Hochschule Offenburg



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Key functionalities

1. Emulation of flexibilities controlled by IMTEK algorithms
2. Implementation of interfaces used by OLI Systems and badenovaNETZE
3. Joint operation of coordination algorithm, grid simulation and local prosumer controls

Project Partners

