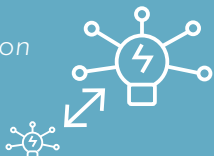


This technology develops a simulator of a smart energy systems, both in their current state and under future scenarios. This simulator showcases the current state of the electricity grid, identifies congestion points and flexibility needs, and anticipates its evolution under future energy transition scenarios.

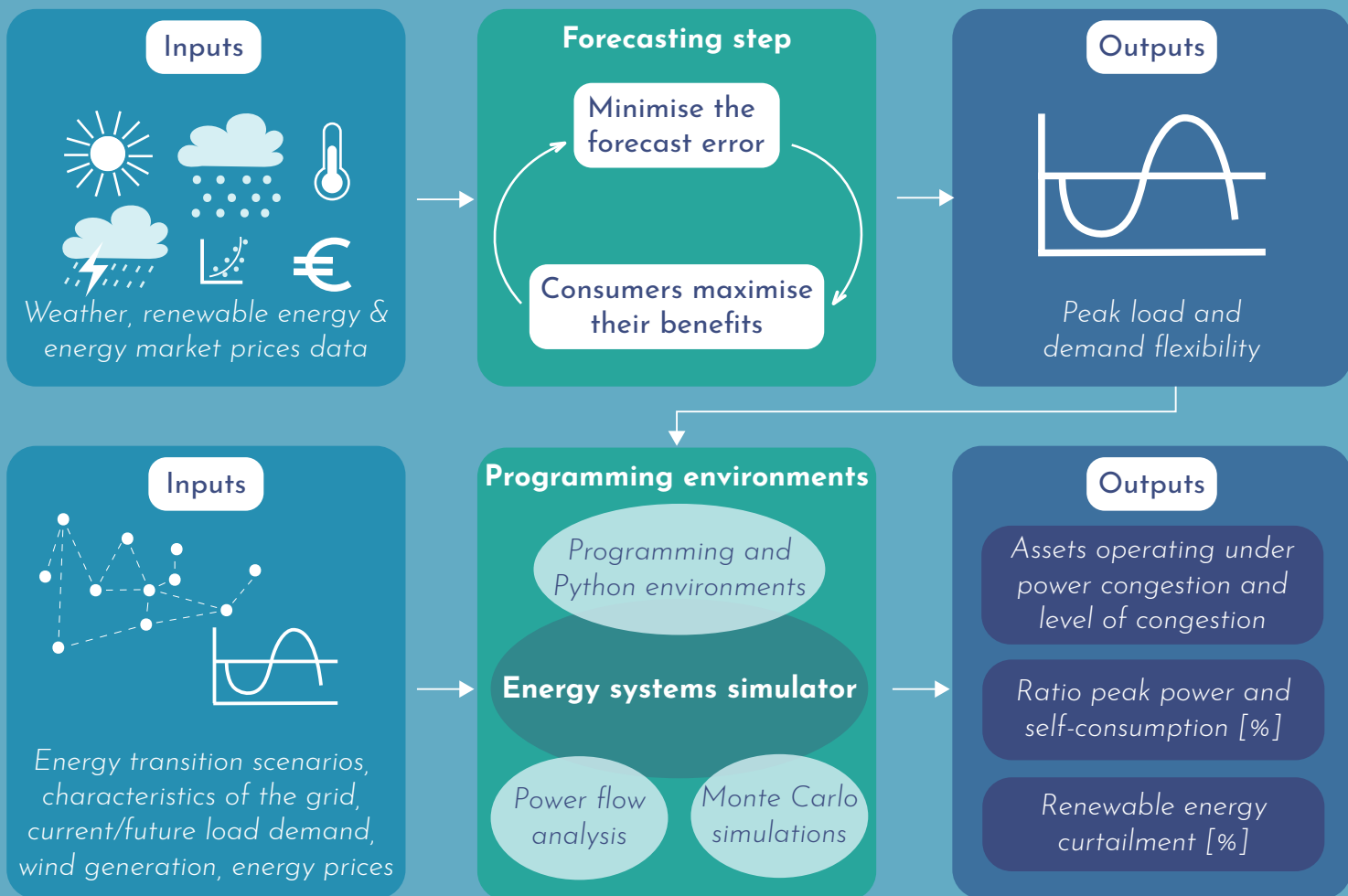
The possibility to scale up easily

A software pilot can be scale up easily, depending on data availability for other case study.



Value proposition

- Future plausible scenarios of peak and flexible load demand
- Analysing flexibility needs of the port
- Providing a decision support tool for the congestion
- Efficient and economical operation



Current Progress Status



1. Launch of demonstrator;
2. Elaboration of KPIs, Operation characterization and modelling, and ongoing studies;
3. Testing phase in lab and data collection;
4. Simulations and testing phase in pilot area;
5. Results and commercially available;
6. Ready to scale up

