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# Flexible Consumers in the Future Power System

Residential Demand Response can bid via an aggregator:

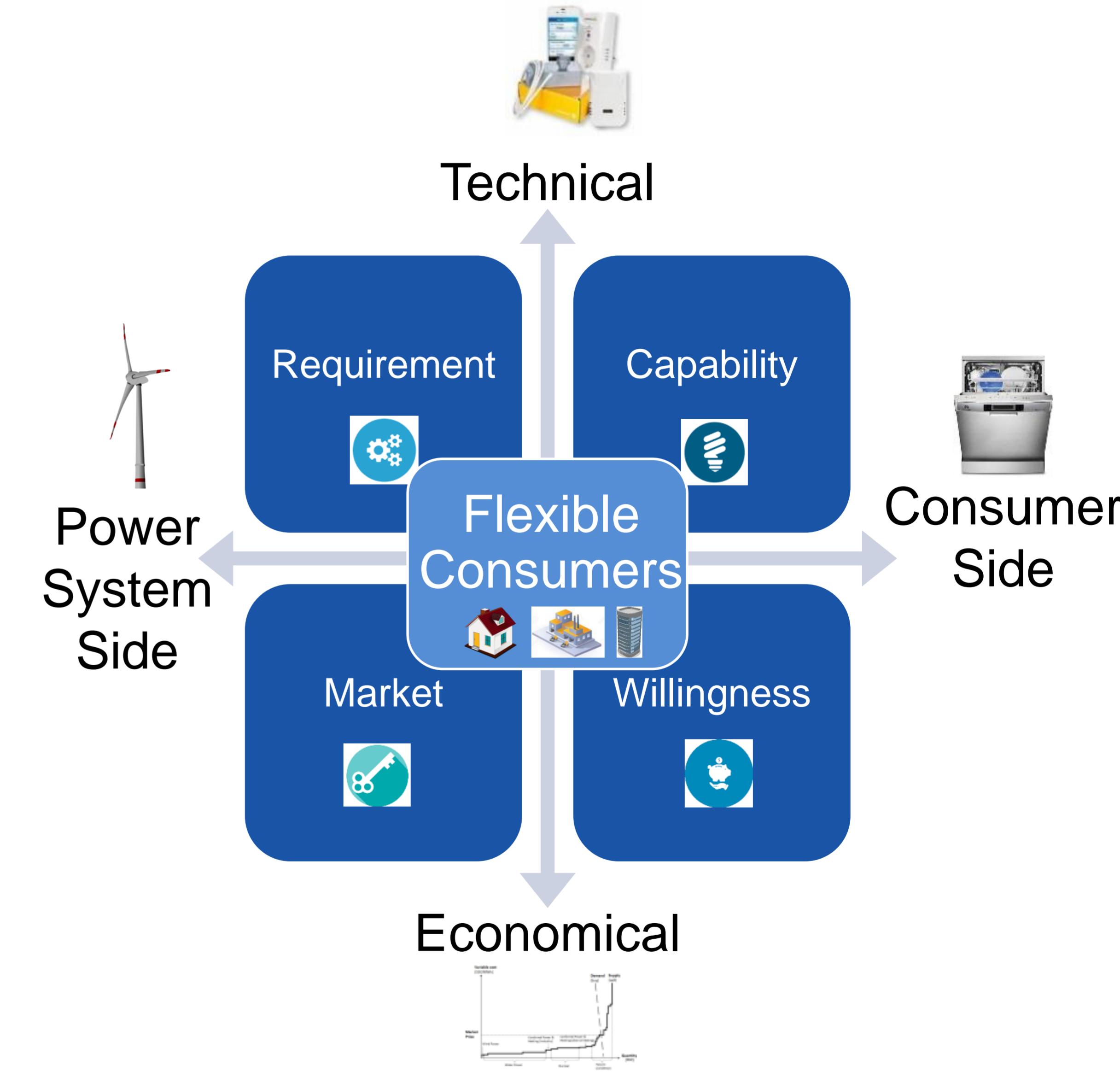
- Thermostatically Controlled Loads
- Electric Vehicles

Objectives:

- Quantify the potential of Demand Response with a given notice time

Method:

- Model the optimal self-scheduling problem of an aggregator and analyze how flexibility and profitability change with notice time.



Project Period: 2015 /09- 2020/09

Funded by: Energimyndigheten