

FLEXIMAR - Novel marketplace for energy flexibility

Challenge

How to create the envisioned efficient flexibility market which enables the access and participation of smaller players and which is competitive also at the European level?

Goals

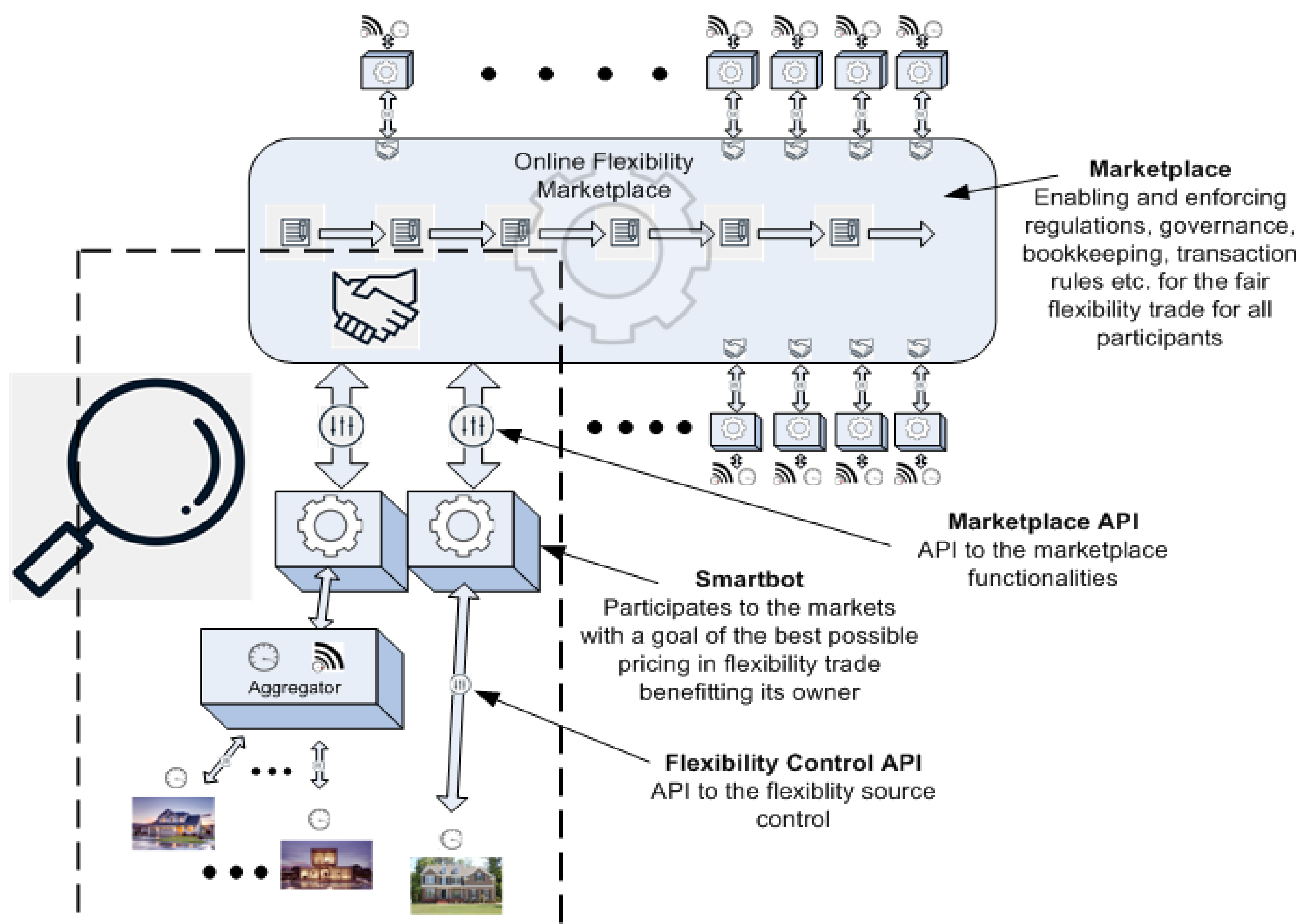
Regulatory – to analyze and define the operative boundaries for such marketplace considering legislation and regulations, actors, ownership, functionalities and other relevant aspects creating foundation for the requirements.

Business – to analyze the marketplace for the business models and dynamic price determination/formation and their impact.

Technical – to research and develop the technical architecture and solution of the flexibility marketplace.

Results

- Flexibility marketplace domain analysis
- Flexible energy resources utilization enabling management methods and systems
- Technical architectures for the marketplace and the flexibility sources
- Market structures and regulation for utilization of flexibilities
- Technology prototyping and trials



Project partners

- Comsel System Oy
- Empower Oyj
- F-Secure Oyj
- Fingrid Oyj
- Flexens Oy Ab
- Purso Oy
- Ramboll Finland Oy
- S-Voima Oy
- Sympower Oy
- Vaasan Sähkö Oy
- VEO Oy

Research Partners:

- University of Vaasa
- VTT Oy

Project duration:
4/2019 – 3/2020

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