

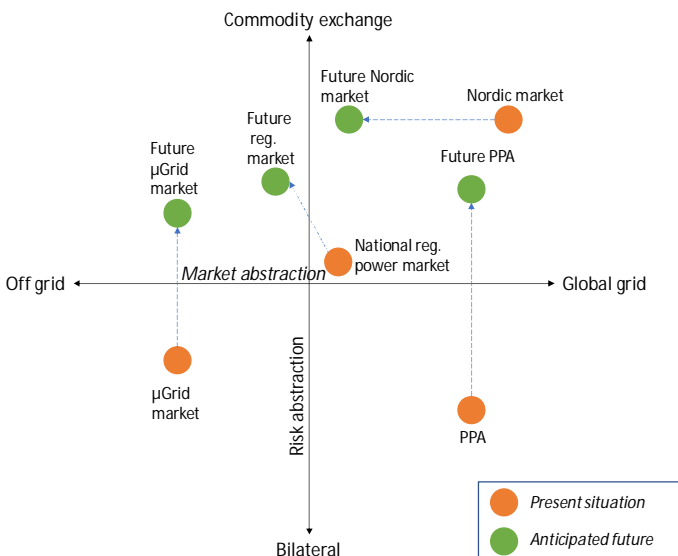
The DOMINOES project

Validating the concept for local energy markets

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LOCAL ENERGY MARKET TRENDS

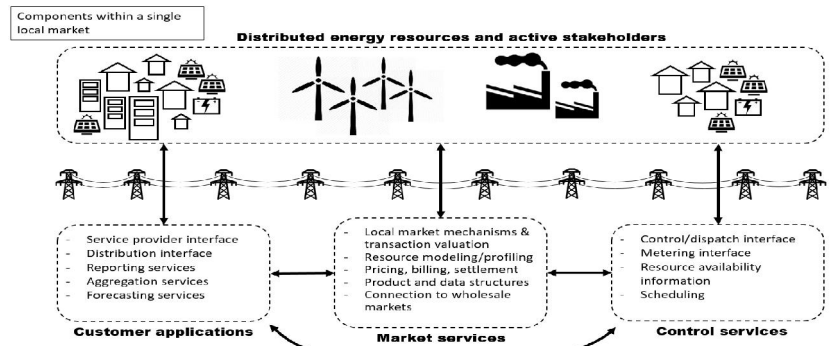
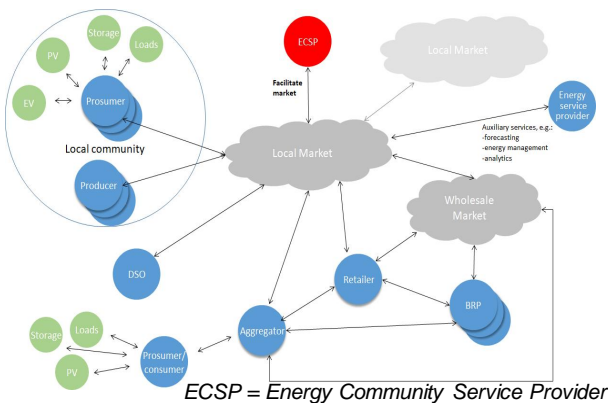
- We need to get from “current” (i.e. inexistent) microgrid market to a future microgrid market, where trade compatibility and system access guarantee liquidity.



DOMINOES PROJECT

- DOMINOES is a European Commission-funded research and innovation project (10/2017 – 3/2021) aiming at the development of a transparent architecture and related business models for local energy markets.
- The DOMINOES concept includes three main innovation areas (see fig. below) that together will establish the local market infrastructure:
 - Market services
 - Control services
 - Customer applications
- The concept will contribute to address specific challenges in the current EU energy ecosystem, by:
 - Enabling local sharing and optimization of renewable resources in MV and LV grids;
 - Creating relevant and liquid flexibility for innovative distribution management;
 - Empowering prosumers and demand response services provision.
- Solutions will be validated in real-life validation sites in Finland (LUT microgrid pilot environments) and Portugal (CNET and VPS demonstration sites).

LOCAL MARKET ARCHITECTURE



Project partners: Empower (Finland), ISEP (Portugal), University of Seville (Spain), University of Leicester (UK), EDP Centre for New Energy Technologies – CNET (Portugal), EDP Distribuição (Portugal), LUT (Finland), and VPS – Virtual Power Solutions (Portugal).

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