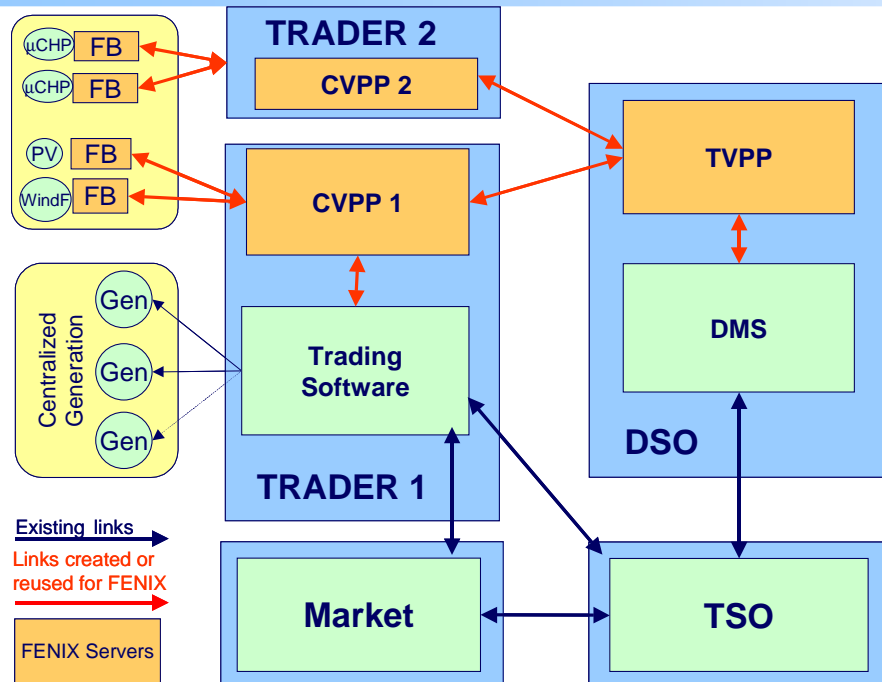


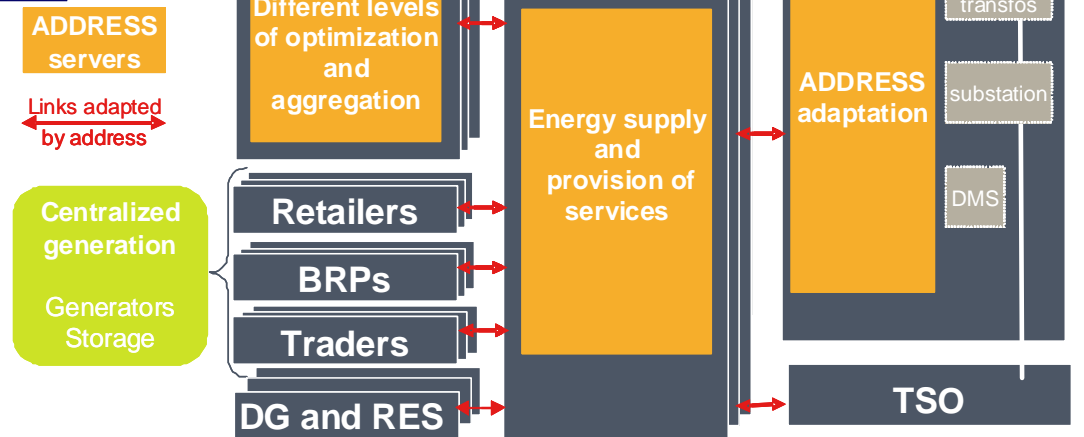
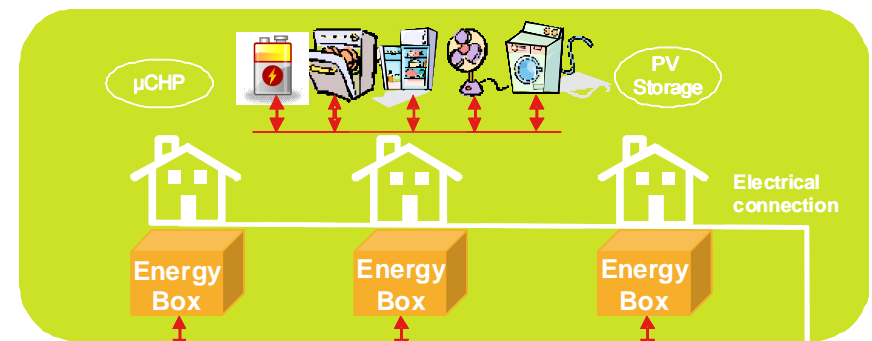
General Architectures



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Flexible Electricity Network to Integrate the eXpected "energy evolution"

SAG – Prague, 12th June 2009

Objectifs

- ⊙ Enable **DER** to participate into the electricity supply system with cost efficient, secure and sustainable through aggregation into **Large Scale Virtual Power Plant (LSVPP)**
- ⊙ Technical solutions to **integrate the LSVPP into the T&D network control** and information interface. Develops prototypes of new **EMS and DMS**.
- ⊙ Design **commercial framework** to support system operation and quantify the costs and benefits of status quo and FENIX futures DSO.

Active Demand (AD) =

participation of **domestic and small commercial consumers** in markets and provision of services to power system participants

- ⊙ Technical solutions to **enable active demand** both at consumer's premises and at power system level
- ⊙ Contractual and market mechanisms for the **exploitation of the benefits of AD**
- ⊙ **Accompanying measures** for societal, cultural & behavioural aspects ...

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