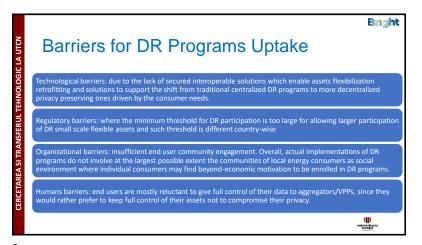


Presentation Outline

Barriers for DR Programs Uptake

Bright Concept for Energy Community

• Big data & ML for finer grain energy and flexibility forecasting
• Cross Sector Services Multi Values Stacking
• Self-governance of customers in communities / cooperatives for reliable flexibility delivery
• Bright pilot sites

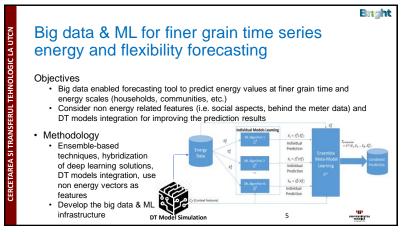


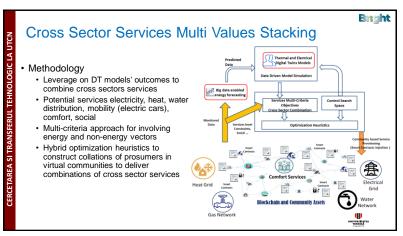
Bright **Bright Concept for Energy Community** Innovative approach combining · social science for understanding and community-level beyond-economic incentive; consumer and community DTs by integrating data-driven preferences and behaviour modelling with energy prediction; DLT/blockchain/smart contracts technology enablers aimed to implement P2P trading/sharing mechanisms for supporting decentralized P2P VPP; cross-domain value stacking service design and innovative business modelling at the interplay among different energy carriers, energy stakeholders, different domains тенніса

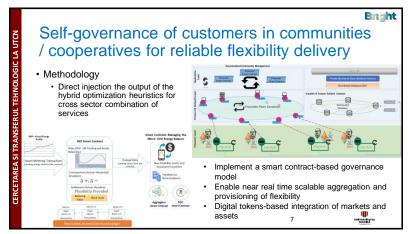
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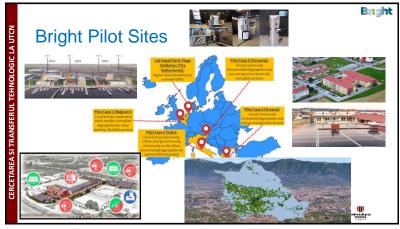
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## Bright Identity Card · ID: 957816/2020

- Lifetime: 01.11.2020 01.11.2023
- Program: LC-SC3-EC-3-2020: Consumer engagement and DR
- Budget: 5.877.633 Euro (Total); 504.375 Euro (UTCN-DSRL)
- One Large Enterprises: Engineering, leading in advanced ICT, with 10.500 employees.
- A variety of energy stakeholder, fully covering the energy value chain, including one of the largest European-wise independent aggregator (Centrica, CEN), one supplier (W+V), one DSO (ASM) as power network operator, one ESCO (DuCoop), which oversees a Local Energy Cooperative
- Industry: ISKRAEMEKO (ISKRA) as one of the largest providers of smart metering solutions in Netherlands and Germany;
- Specialized SMEs: Emotion (EMOT), a leading-edge EVs fleet provider, ComSensus (COM), SunContract (SUN), one of the most successful European P2P DLT/Blockchain providers, CyberEthicsLab (CEL), bringing cutting-edge know how on privacy, and DOMX
- 3 leading-edge Research & Academy Institutions (TNO, TUC, IMEC)
- · Association of Consumers, APC, which, as member of BEUC, the European



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