

Workshop: Behavioural Change towards EE by Utilizing ICT Tools

# Session 1: Proposed methodologies for enhancement of end-user engagement

Albert Hoffrichter Vaasa ETTT



#### **UtilitEE**

 Utility Business Model Transformation through human-centric behavioural interventions and ICT tools for Energy Efficiency



# Project overview





#### User-centred development of the UtilitEE solution: Living Labs

• The Living Labs (LL) concept



"Living Labs are defined as **user-centred**, **open innovation** ecosystems based on a systematic user **co-creation** approach integrating research and innovation processes in **real life communities and settings**."

→ <a href="https://ec.europa.eu/digital-single-market/en/news/introducing-enoll-and-its-living-lab-community">https://ec.europa.eu/digital-single-market/en/news/introducing-enoll-and-its-living-lab-community</a>

• Main goals of the (B2C) LL in UtilitEE



- Develop a customer centric solution (services, interfaces, messages, etc.)
- Initially also: Create awareness among potential household pilot participants and facilitate recruitment



## B2C Living Lab activities: B2C LL1





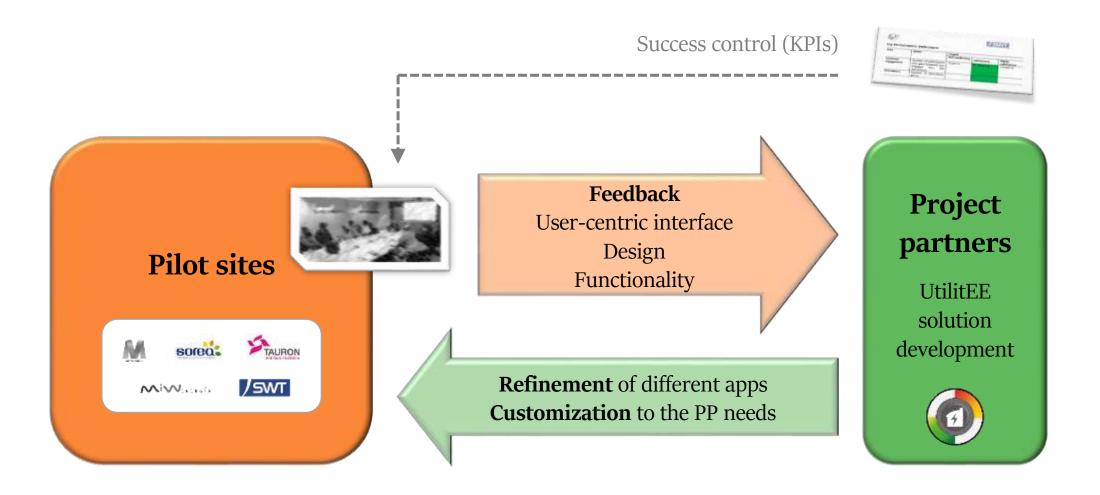
# B2C LL1: Focus Groups (completed)







#### **B2C LL1: Outcomes**





#### B2C Living Lab activities

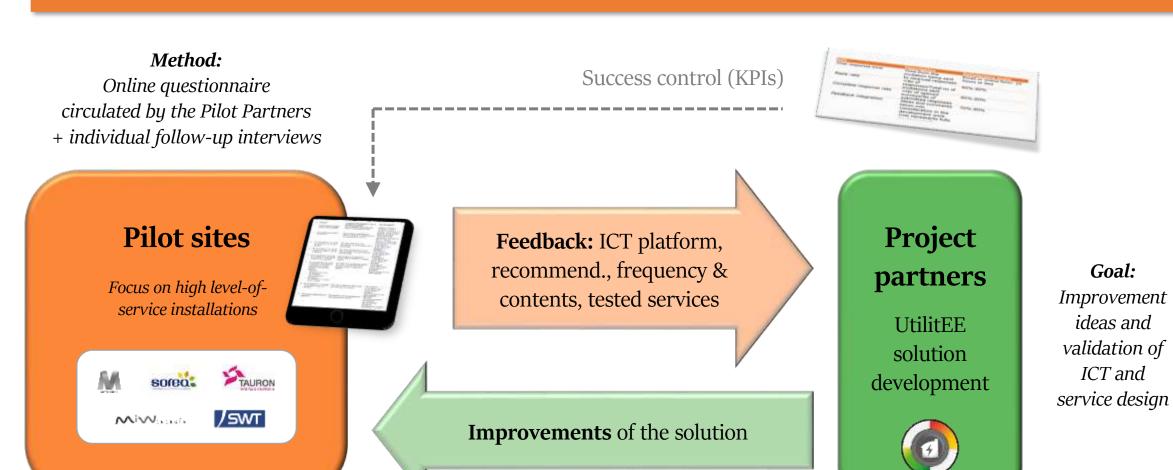


Originally planned as Focus Groups (but Covid-19)

Temporarily planned as Focus Groups (but more Covid-19)



### B2C LL2: Setup



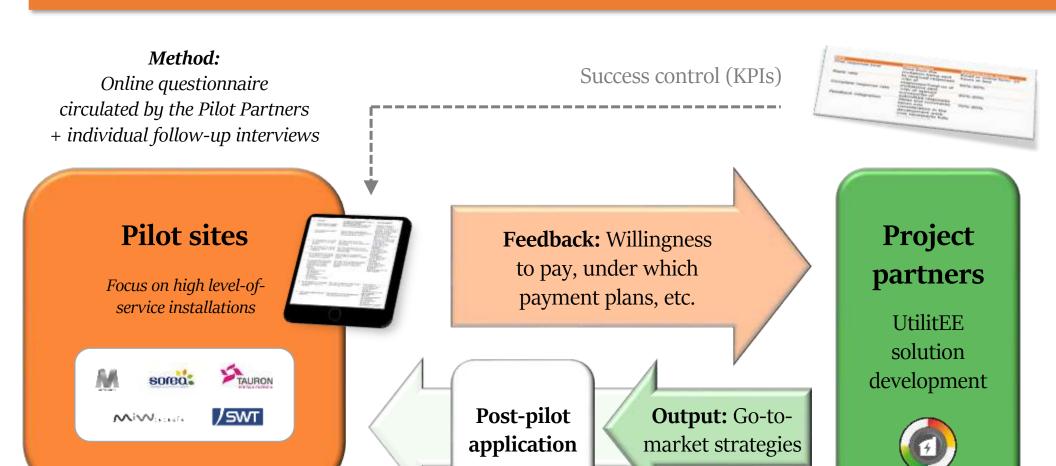


Goal:

ideas and

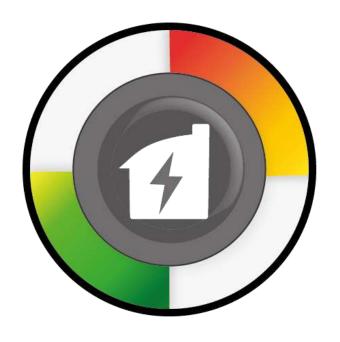


### B2C LL3: Setup



Goal:
Products
and services
evaluation,
validation
of business
models





# Thank you!

www.utilitee.eu





in UtilitEE

Call: H2020-EE-2016-2017 *Topic: EE-07-2016-2017* 

*Duration: Nov 2017 - Apr 2021 (42 months)* 

#### **Project Coordinator**

Evangelos Zacharis, PhD HYPERTECH S.A. e.zacharis@hypertech.gr





### **Partners**























#### **UtilitEE**

 Utility Business Model Transformation through human-centric behavioural interventions and ICT tools for Energy Efficiency