



Energy service supporting business models and systems

Task 25 discussion





Task Update: Research Questions:

- How do innovative energy services fare in terms of successful uptake and or scaling up?
- How are their business models and entrepreneurial journeys shaped by the institutional (transitioning) context and other system factors?
- How do these enterprising stakeholders deal with the system around them, and how are servitisation dynamic capabilities impacting on their journey?
- What are system conditions that either limit or facilitate the flourishing of energy services, especially those that are potentially important for the energy transition?





19-21 case studies in 4 countries

8 Cases in the Netherlands:

- *A sustainable district case: Talis*
- *An all-electric district case: Hoogdalem*
- *A community Virtual Power Plant case: Loenen*
- *A case on optimisation of heat transport (de Vreugd)*
- *A case on heat as a service (Schouten)*
- *An ESCO case on heat (Zegwaard)*
- *An second ESCO case on heat (Van Hout)*
- *A third ESCO case on heat (ST warmte)*

4-6 Cases in Ireland:

- *A community Virtual Power Plant case: Community Power*
- *Solar Stream: EPC service business related to PV roof space for businesses*
- *Veolia Dublin Mater hospital: EPC service and fund for hospitals*
- *Urban Volts ESB: Light as a service for industry*
- *Solo Energy: VPP, Storage, P2P, flexibility services*
- *Grid Beyond: total solution for flexibility commercial and industry*





4 Cases in Sweden:

1. Citizen-driven innovation platform that aims to create a climate friendly district: Hammersby Electricity
2. Smart Front: Upgrading façade, indoor climate and insulation in one go
3. Ochno: Smart power and communication infra for offices, full control of connected things.
4. Negnic: smart thermostat delivering flexibility services

3 Cases in Australia:

1. Microgrid case Monash Univeristy Campus
2. Microgrid case Island of Bruny
3. Microgrid citizen driven in Yackadanda

Findings

- Servitisation + Institutional entrepreneurship business models
- Servitisation competencies+ Transition competencies
- Transition studies explaining uptake or lack thereof as well

Dissemination

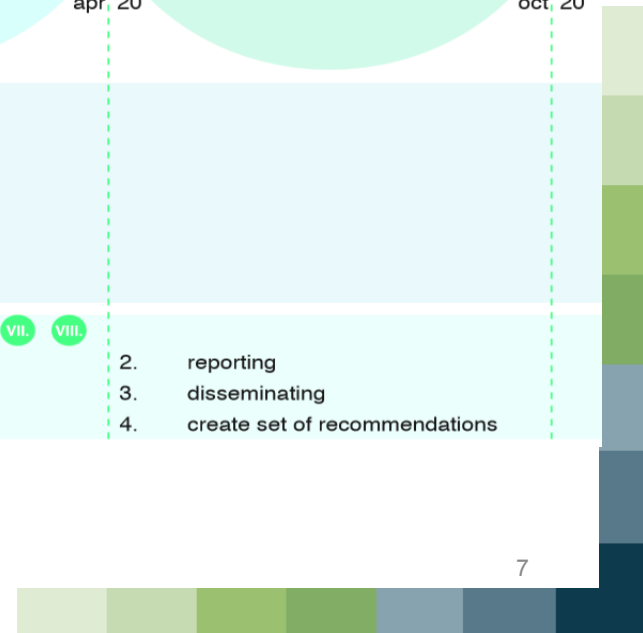
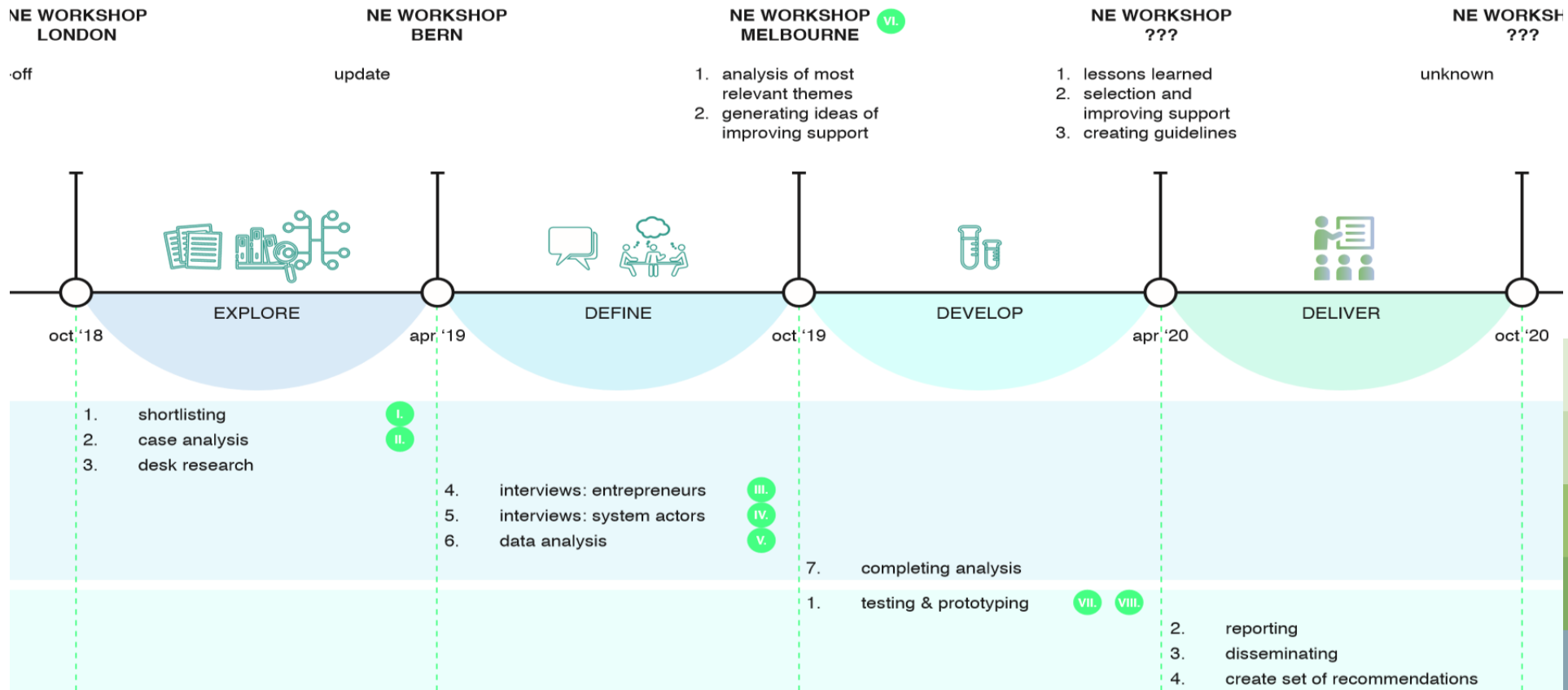
Until now

- Journal paper
- Book chapter
- Conference paper
- Discussion paper
- Several meetings with relevant stakeholders in Netherlands and Belgium
- Presentation at sustainable Places conference
- DSM days
- Interviews with stakeholders across the 4 countries

Coming next:

- Business model conference July 2020
- Eceee industrial summer study
- Journal paper
- Reports
- Workshops





Any Questions?

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