



Operational reliability in smart energy systems

Challenges

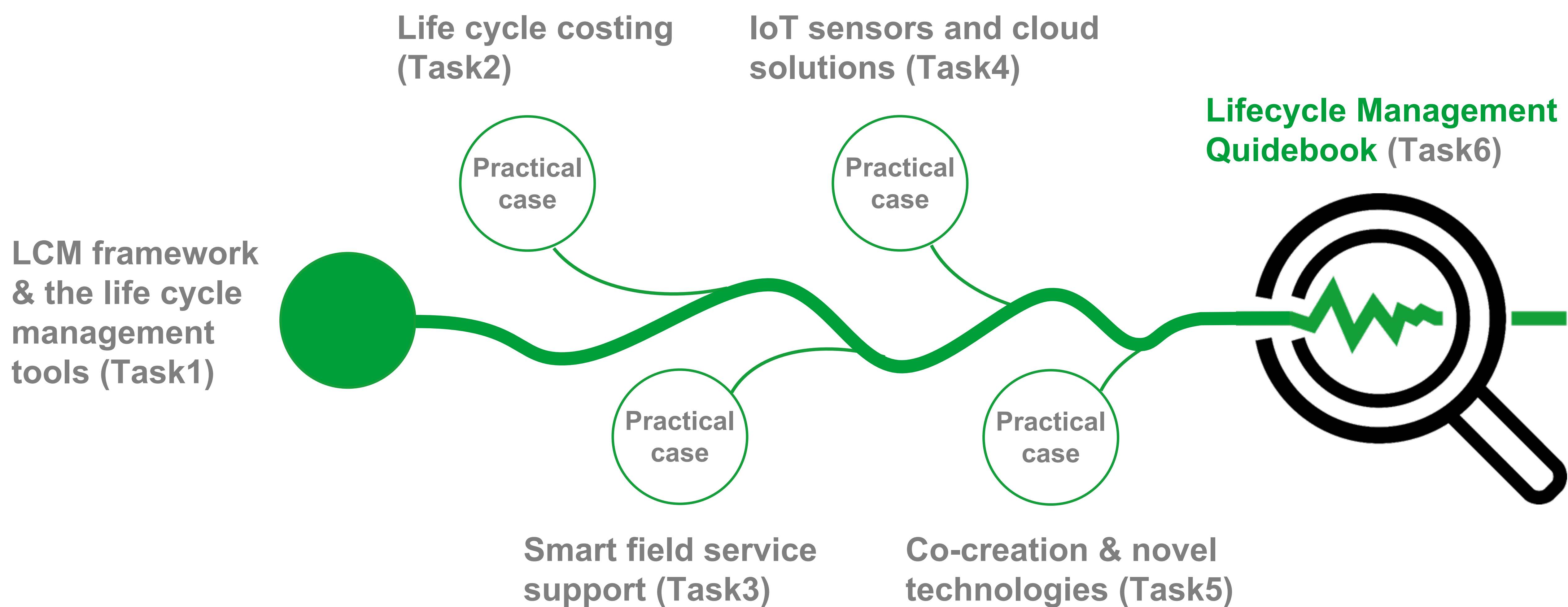
Interconnected society is setting new requirements to the reliability of energy system. As novel technological solutions enter the market, their impact on the operational reliability of the energy system and the cost efficiency must be evaluated before wide-scale implementation. This goal can only be reached together with technology and service providers and in collaboration with all the ecosystem stakeholders.

Goals

- Ensure reliable operation by enhancing lifecycle management with novel technologies
- Define Asset Life Cycle management framework and methods to assess affordability of solutions improving operational reliability
- Identify technologies for improving operational reliability
- Co-create business-driven pilots

Results

- Asset Life Cycle management framework and methods to assess feasibility and Life Cycle Cost for solutions improving operational reliability
- Use scenarios for IoT and AR/VR solutions in Smart field service operations
- Identification of potential technologies for improving operational reliability, and business-driven pilots with the stakeholder community and other interested companies
- Lifecycle Management Guidebook



Pilot partners



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