



EASE

Integration roles in the ETIP SNET roadmap

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Objectives in the Roadmap

5 broad objectives:

- Sustainability and circularity
- Higher welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence (Mass learning, replication scaling up)

In general, these objectives are clear. However, higher welfare should be clearly define in the roadmap to avoid any misunderstanding.



Integration roles in the Roadmap

6 integration roles:

- Grid operators
- Telecom operators
- Market participants
- Users
- Regulators
- Owners



Grid operators

- Sustainability and circularity
- Higher Welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence

EASE sees a roles for the grid operators to achieve these broad objectives. However, in principle, as regulated entities, grid operators should not intervene on the market to avoid any conflict with market actors. This is in line with the text of the Electricity Directive.



Telecom operators

- Sustainability and circularity
- Higher Welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence

EASE thinks the telecom operators and the digitalisation in general is essential to develop a smart grid and to operate storage technologies. EASE welcomes the integration of Telecom operators as an important role to achieve objectives and integration actions in the ETIP SNET roadmap.



Market participants

- Sustainability and circularity
- Higher Welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence

Market players includes: renewable energy producers, new energy service providers, **energy storage** and flexible demand. EASE support the energy market design initiative which place an important emphasis on market-based solutions, ensuring a level playing field for all participating technologies and encouraging DSOs and TSOs to tender more services on the market, with standardised national products where possible.



Users

- Sustainability and circularity
- Higher Welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence

The users should be involved in the wide objective of decarbonisation of the energy system, As stated in the CEP, EASE welcomed the possibility for end-users to produce, store and sell electricity that's why EASE supports the integration of users in the ETIP SNET Roadmap.



Regulators

- Sustainability and circularity
- Higher Welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence

Regulators are obviously needed to achieve these 5 objectives. Via regulations, funding mechanisms, the regulators should encourage the development of smart grids where storage is the essential tool to integrate RES.



Owners

- Sustainability and circularity
- Higher Welfare & better Affordability
- Higher Security, Quality, Reliability, Resilience
- Higher User Empowerment and Engagement
- EU Excellence

Energy storage technologies are uniquely flexible and can provide different services to achieve the objectives identified in the roadmap. It will also create different revenue. **EASE promotes the revenue stacking/multi-service business cases (which enable storage facility to provide various services to various stakeholders) can maximise the social welfare created by a storage facility by fully deploying all services storage can deliver.**