



flexitranstore

An Integrated Platform for Increased FLEXibility in smart TRANSmision grids with STORage Entities and large penetration of Renewable Energy Sources

about

about FLEXITRANSTORE

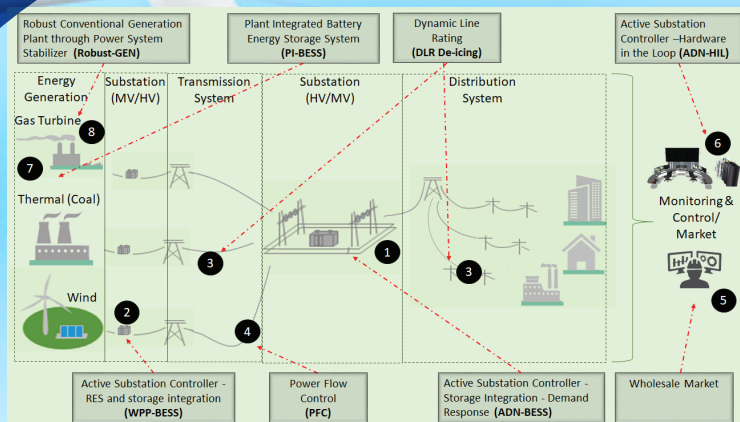
- address the need for flexibility integration in the European power system
- introduce novel smart grid technologies, control and storage methods into the existing power system
- establish new business plans, players and market rules
- facilitate the valorisation of flexibility services offered by renewables
- enable increased cross-border flows

FLEXITRANSTORE project assists the evolution towards a pan-European transmission network with high flexibility and interconnection levels.

The project works towards the advancement of the Internal European Market, facilitating the networking of cross-border players and further enabling energy trading.



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FLEXITRANSTORE technical description

ICT technologies will be exploited to enhance the flexibility of the energy grid by integrating storage and demand response management.

FLEXITRANSTORE components and the market infrastructure will be deployed in **8 Demonstrations** installed in **6 countries**, covering the full energy value chain.

FLEXITRANSTORE expected outcomes

Replicability: will support the effort for a liberalized energy market in Cyprus; a starting point for scaling the approach on a regional and finally pan-European level

Socio-economics: will promote consumers' participation through new market approaches; will introduce novel technologies to improve utilization of the available energy, thus reducing operational and capacity costs

Environment: will contribute towards reduction of CO₂ and other greenhouse gases emissions, by enabling higher RES penetration

Market Transformation: in line with the ETIP SNET 10 Year R&I Roadmap and the ENTSO-E R&I Roadmap 2017-2026, will impact both new and existing market participants

Policy: will provide policy recommendations to TSOs, DSOs, Market Regulators, Power Plant owners and other actors of the energy value chain



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FLEXITRANSTORE Project -
H2020 GA No. 774407

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