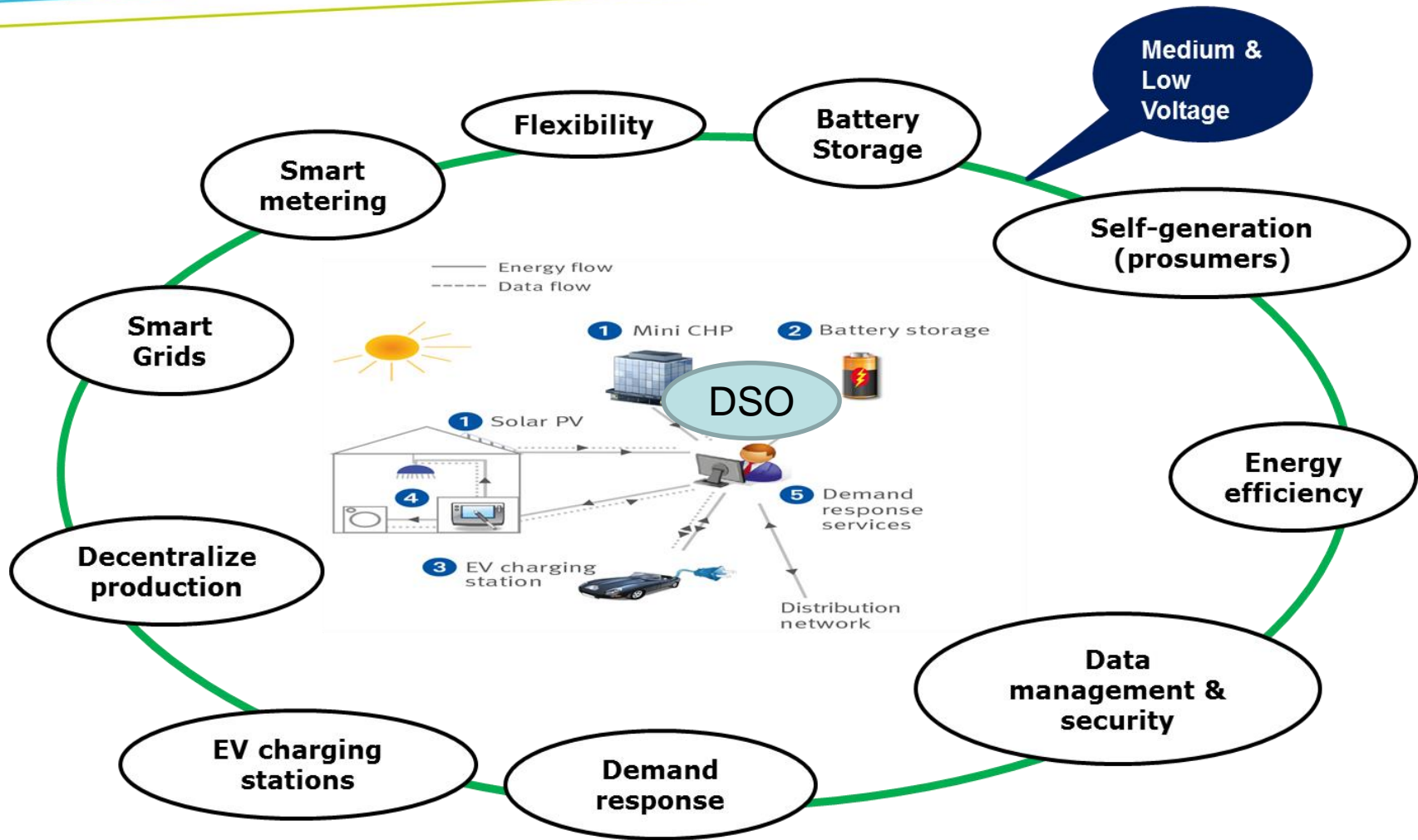


# Challenges for DSOs in the new energy transition

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# €400 billion

of distribution network investment by 2020

- ✓ **All of the above are a small example of the fields in which DSOs should implement innovative investments.**
- ✓ **Only with the implementation of innovative solutions in distribution networks can we achieve the proper operation of this new market.**

**Is it a common understanding to all market participants that:  
DSOs are strongly regulated and could implement the necessary innovative investments only if the regulatory framework allows it?**

- **A common understanding among all market players, including policy makers and Regulatory Authorities, that DSOs will play an important role and therefore need more innovative investments.**
- **If the success of the new market is the goal, DSOs should be supported in financing innovative investments.**
- **DSOs are natural monopolies and regulated businesses, and therefore have to develop innovative concepts under a certain regulatory framework that incentivises them.**

(1) Eurelectric Paper:  
Innovation incentives for DSOs - a “must” in the new energy market development (2016)

## Recommendations to all: EU policy makers, RA, market participants...

- **Policy makers should encourage national regulatory authorities (NRAs) to give DSOs the appropriate incentives to implement the necessary innovative initiatives that support the transformation of the DSOs' business models**
- **Regulation should recognize the special nature of innovative investments. They should not be subject to the same “tightening” efficiency requirements as conventional investments.**
- **The implemented specific regulatory mechanisms should be predictable and stable in the outcome.**

(1) Eurelectric Paper:  
Innovation incentives for DSOs - a “must” in the new energy market development (2016)



- **Modernization of the Control Center of Attica Networks**
- **Setting up a Control Center for Island Networks**
- **Modernization of Network Control for the rest of the country**
- **Upgrading of remote control equipment in regional Networks**
- **Installation of a Geographic Information System**
- **New Information System for Customer Service**
- **Installation of Remote Customer Service Systems**
- **Upgrading of Network Development Planning**
- **Development of Infrastructures for Non-Interconnected Islands (NII) to apply the NII Code**
- **Development of “Smart Islands”, Pilot and expansion**
- **Remote reading for Low Voltage (LV) Customers, Pilot and expansion**
- **Reorganization of the supply chain**
- **Development of a Management Information System**

# The expected benefits from the implementation of the HEDNOs Strategic Projects

- **Improvement of the quality of energy and services provided for the customers**
- **Simultaneous decrease in the operation cost of the Company,**
- **Improvement in the work conditions for its personnel,**
- **More efficient operation of the electricity market**
- **Protection of the environment through the increase of the Renewable Energy Sources (RES) penetration.**

**HEDNOs , investment are a necessity to meet not only digitalization, decarbonization and dicentralization but also the democratization of the sector**



**Thank you for your attention!**

**Ευχαριστώ για την προσοχή σας!**