



# **DSO and the energy transition**

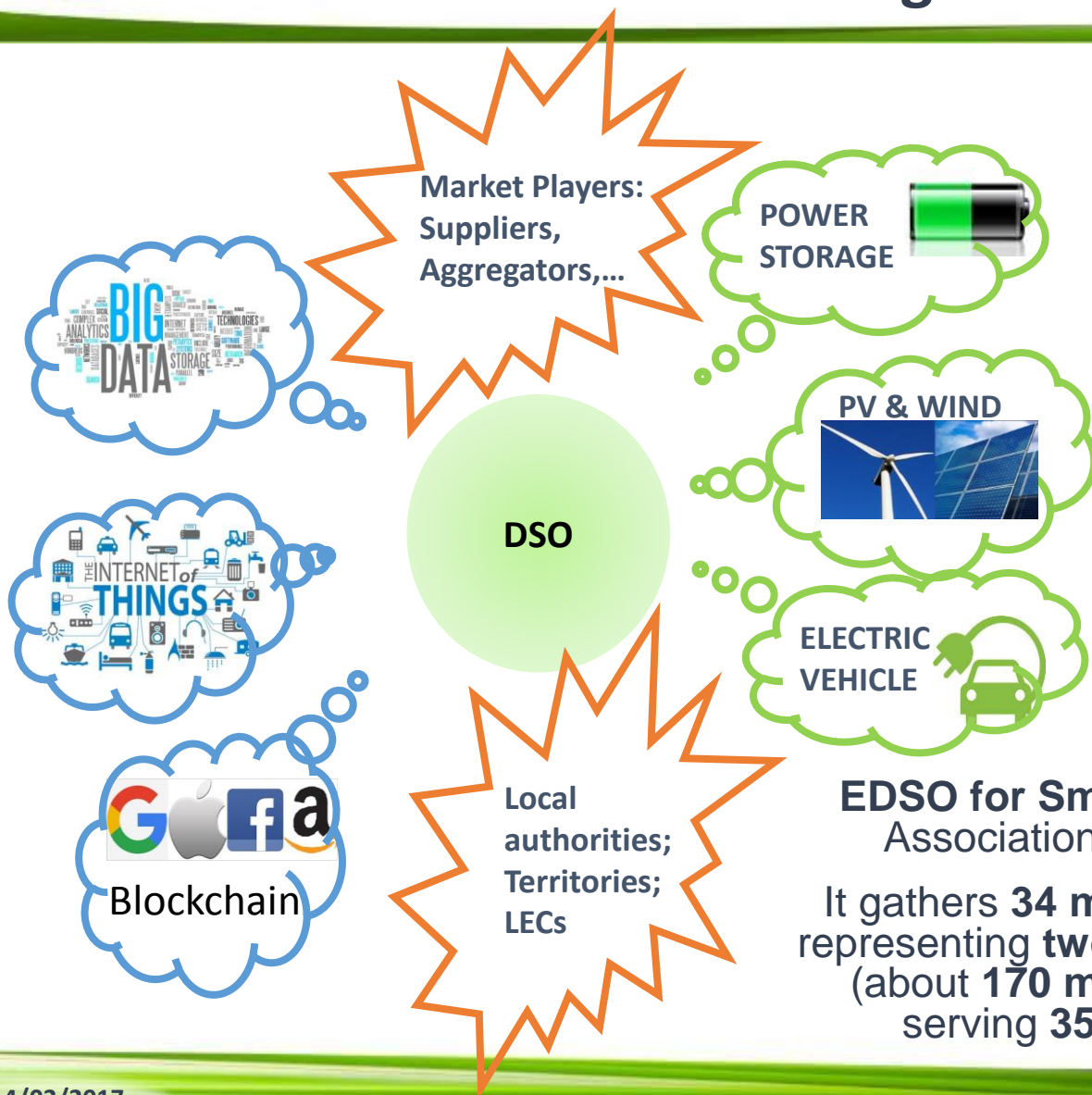
*bringing smart grids to  
European energy consumers*

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# DSO are strongly committed to energy transition & digital revolution



## DSOs are a key local platform in the energy transition

- **2400 DSOs** in Europe
  - Among them, 200 are over the *de minimis* threshold (100.000 customers)
- **240 000 people employed by DSOs** across Europe
- **€215bn EU-wide** expected CAPEX by 2030
- **200M smart meters** to be installed by 2020

**EDSO for Smart Grids** is a European Association created in April 2010.

It gathers **34 members in 18 countries** representing **two-thirds of EU customers** (about **170 million** connection points serving **350 million** customers)

# Clean Energy Package opens opportunities for a successful energy transition

The Clean Energy Package is built on **three pillars**:

## Fostering energy efficiency

- Massive deployment of **smart meters**
- Support to **active and flexible customers** through dynamic pricing
- Establishment of rules for **aggregation schemes**

## Supporting EU leadership in renewable energy sources

- Incentives to DSOs to use **smart solutions** (flexibility) to mitigate grid flows
- **Fair conditions for curtailment** in order to smoothen the integration of RES
- Right for **consumers to generate** their own renewable energy

## Empowering energy consumers:

- Better **access** to their **consumption data**
- Easier possibilities of **self-consumption** and **demand-response**
- **Data protection** guaranteed
- Facilitated use of **storage** and **electric vehicles** by consumer

➔ **These provisions create the right conditions to boost growth, jobs and to empower the consumers through innovative solutions.**