

SMART GRIDS FOR ENERGY TRANSITION

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- ☐ Libre
- ☐ Interne
- ☐ Restreinte
- ☐ Confidentielle

Things are speeding up

2005

2013

... and this is a
long time ago ...

For sure, energy sector is strongly concerned with digital revolution



BLOCKCHAIN



POWER
STORAGE



PV & WIND



ELECTRIC VEHICLE



Digital transformation for energy transition and empowerment of the actors

POWER SYSTEM

- SUPPLIERS, AGGREGATORS, ...
- TSO



TERRITORY

- LOCAL AUTHORITIES
- SMART CITIES



FINAL CLIENTS

- CUSTOMERS
- PROSUMERS
- AUTOCONSUMERS



18 demonstrators : test & learn method

Testing use cases

Industrial cooperation with partners

New services



New step forward with Interflex

► Developing smart grids with UE partners

Electric mobility as a flexibility

Flexibility in local structures

Storage systems for services

Regulatory issues



APPENDIX



Enedis : key figures (2015)



39 033

EMPLOYEES

ANNUAL
TURNOVER:

13 548

MILLION EUROS

35

MILLION
CUSTOMERS



410,5 TWh

OF ELECTRICITY
TRANSMITTED ON THE
DISTRIBUTION NETWORK

12

MILLION ON-SITE
INTERVENTIONS

392 000 NEW

CLIENTS CONNECTED
TO THE NETWORK

1 340 896 km OF POWER LINES (HIGH AND LOW VOLTAGE)

26 800 (per year)

NEW DECENTRALIZED GENERATION
FACILITIES CONNECTED TO THE GRID

3 170

MILLION EUROS OF
INVESTMENT