


THE ROLE OF INDUSTRIALS FOR DEMAND RESPONSE MARKET DEVELOPMENT: A FRENCH EXPERIENCE

Key lessons from Energy Pool's experience in France

Demand Response with Energy Pool

Leading Demand Response operator in Europe

> A fast growing company

- > 2008: created by entrepreneurs from industry
- > 2010 : strategic partnership with 
- > 50 employees



24/7 Network Operation Center in Chambéry

> European leader in Demand Response

- > Focus on large electricity consumers (large C&I)
- > 1000 MW demand response capacity managed 24/7



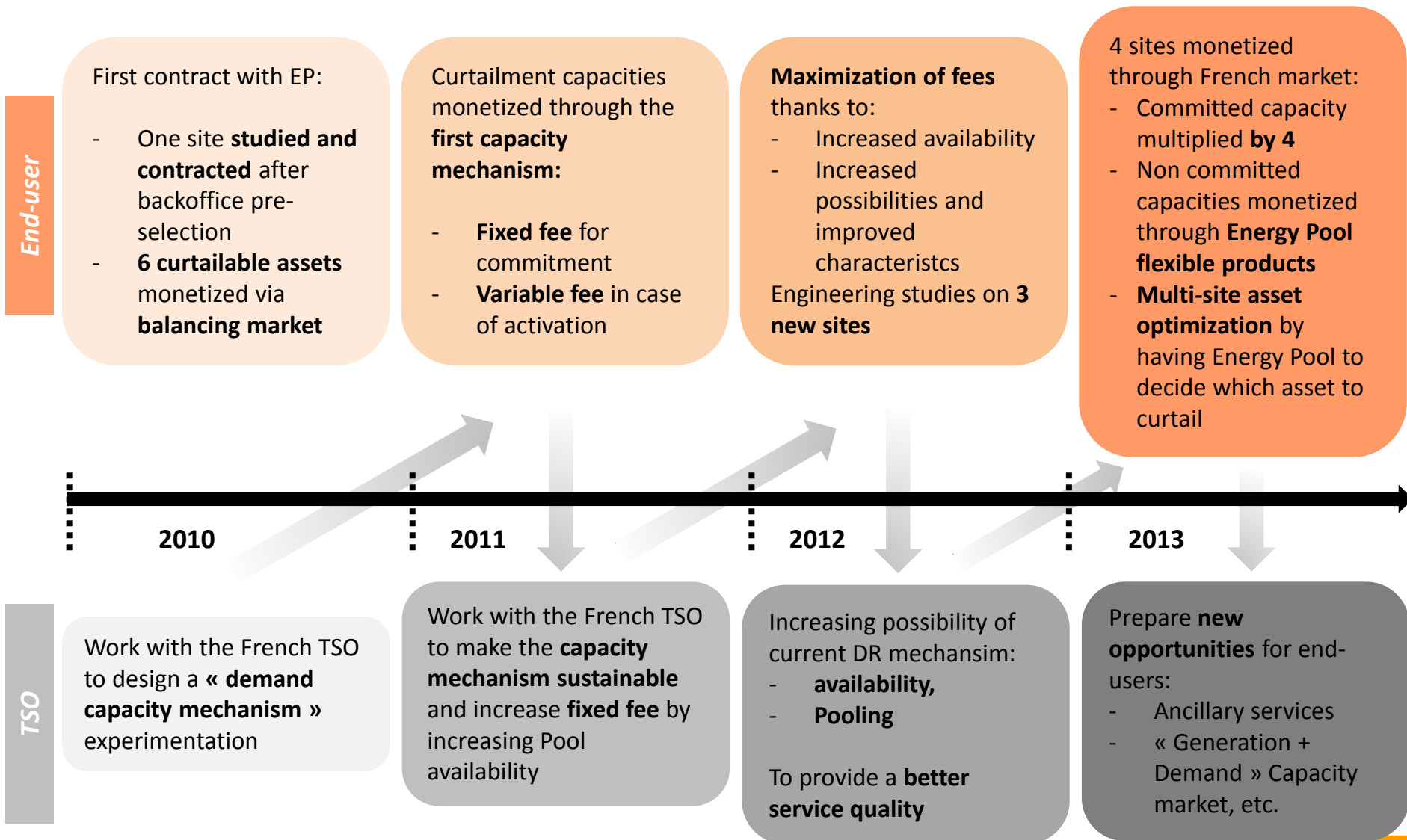
> First aggregation selected by ELIA through ICH tender

- > Operational since January 2013
- > ~20 MW across 5 industrial sites

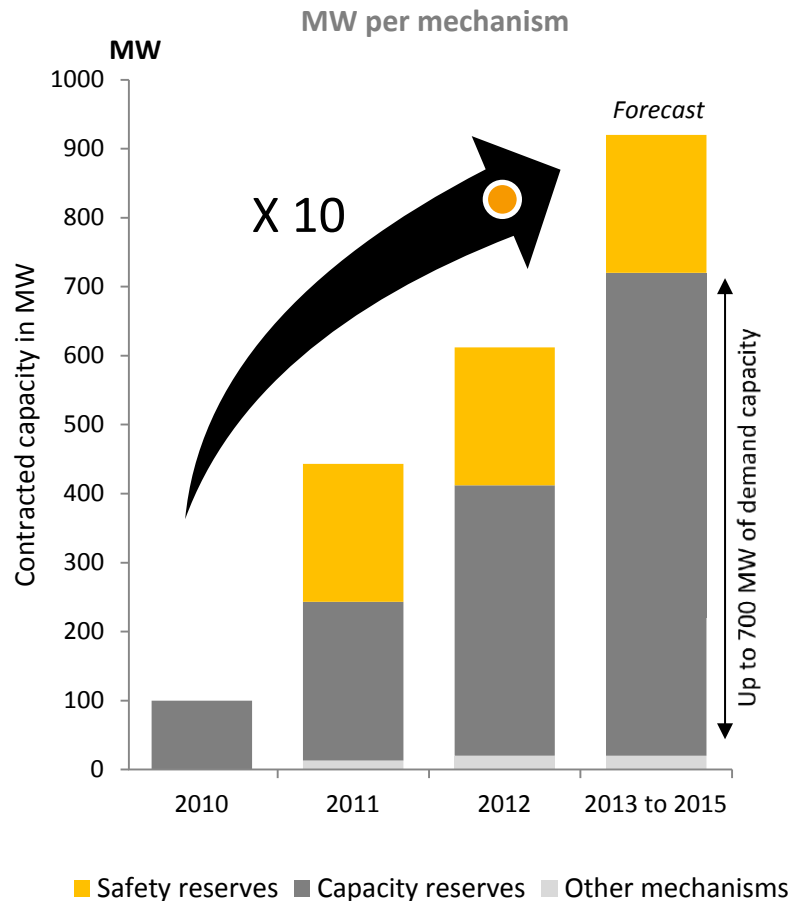


4-years story with an industrial partner in France

Pragmatic approach leads to substantial value creation



Evolution of demand-side participation in French TSO (RTE) operating reserves since EP became curtailment service provider for RTE



Energy Pool enabled industrials to:

- offer more DR capacity, because aggregation allows to:
 - Activate small loads not suitable for direct enrollment by TSO
 - Combine different loads for higher availability and reliability of service
- accelerate market evolution, by
 - Introducing competitive and reliable demand resources as an alternative to generation
 - Collaborating with key authorities to design the DR market in France

Energy Pool has largely contributed to the development of a competitive Demand Response market in France and leads the French market since 2010

Belgium system adequacy is (too) dependent on imports

Additional domestic capacity is required in the short term

Urgent issue

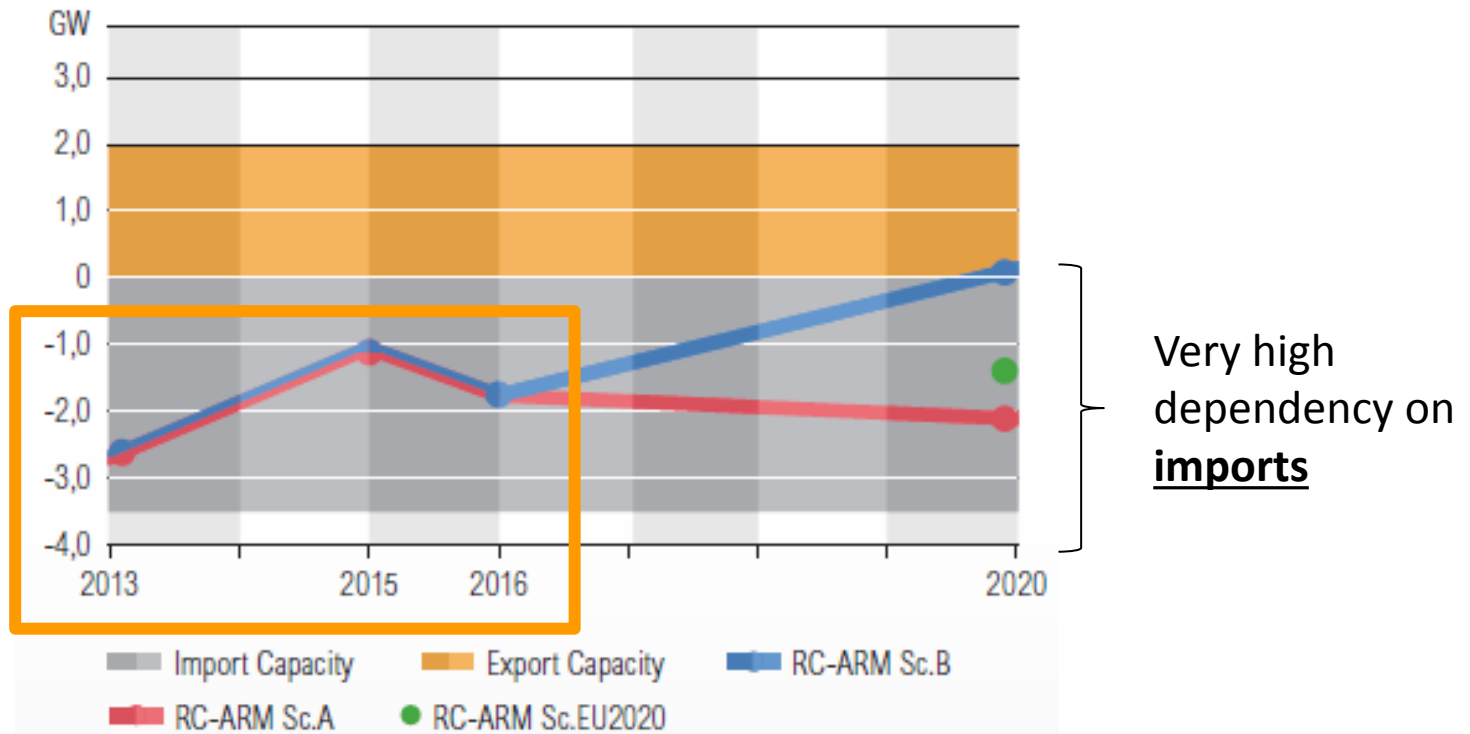
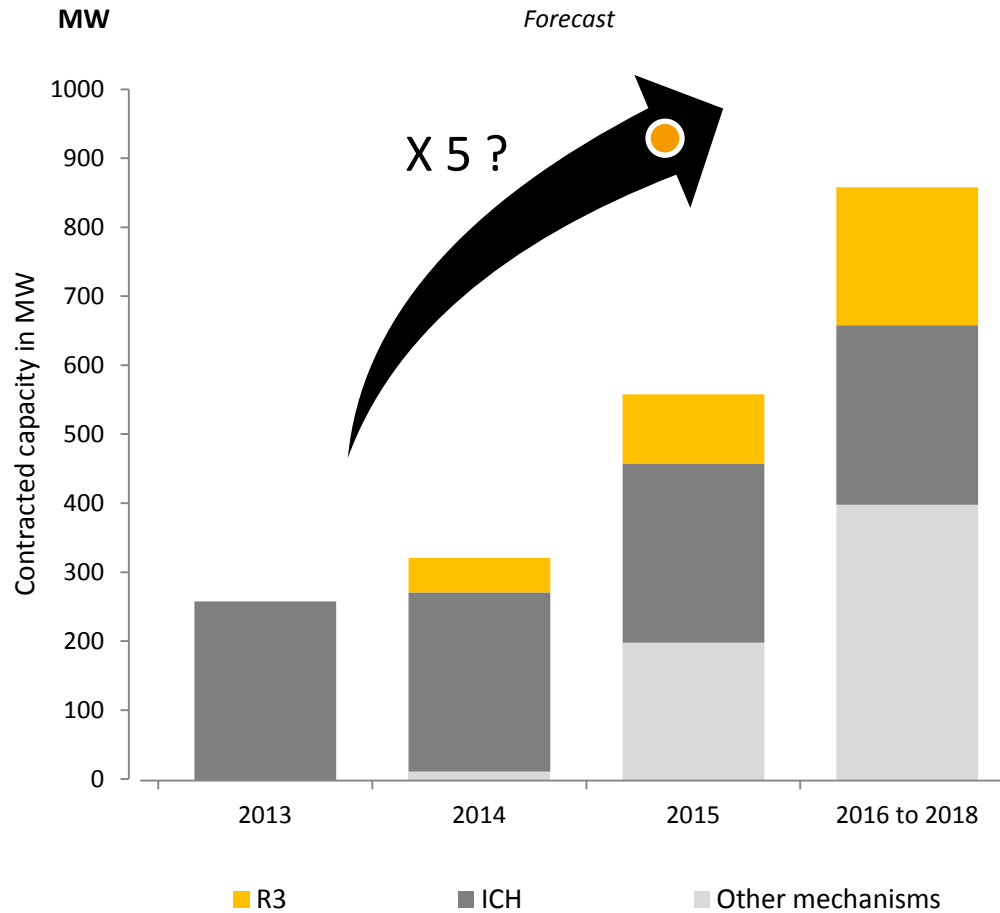


Figure 6.3:
RC-ARM Comparison Belgium,
Scenarios A, B and EU 2020, January 7 p.m.

Source: ENTSO-E Scenario Outlook and Adequacy Forecast 2013-2020

Establish sustainable DR participation in Belgium

Will YOU be part of it?



Source: Energy Pool analysis

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