



## FEBELIEC event

### **REstore**

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REstore Flexpond UK Ltd.

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REstore NV/SA

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## REstore is a Demand Response aggregator

### WHO

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- Independent aggregator in European energy markets
- Founded in 2010
- “Senior” Board (R. Thomaes, ex-CEO AlcatelBell; W. Heyselberghs, ex-SVP Suez; P. Carpentier, S. Bijmens)
- Two succesful capital rounds; >4 M€ venture capital & industrial investors
- Dedicated UK - & Benelux team, complemented with industry experts

### WHAT

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- **Save energy costs and carbon emissions** for industrial and professional power consumers
- Through contracting of curtailable power
- Aggregate and offer curtailable power in line with OCGT specs to
  - ELIA,
  - National Grid,
  - EDF-Luminus
- **Proven & patented automated DR** platform Flexpond™

## Why should industrial consumers focus on demand response?

### Electricité : risque de black-out en 2014

Joan Condijs  
Jeudi 28 Février 2013, 8h12

04:00 - 26 januari 2013 door [Patrick Luysterman](#)

Groen licht van Elia sprong net niet op oranje

00:00 - 01 décembre 2012 par [Christine Scharff](#)

Avant le black-out un arsenal de mesures

**Energiebevoorrading bezorgt Aleris kopzorgen**

09:20 - 08 december 2012

Provincies bereiden noodplan black-out voor

**Un hiver à risques pour l'électricité**

08:00 - 02 april 2013 door [David Adriaen](#)

Lenteweer veroorzaakt enorm stroomoverschot

**Industrial consumers should:**

***Take your destiny into your own hands***

***Plan for the future***

***Understand their flexible demand potential***

Benefits for industrial consumers from REstore's DR program: (i) significant payments at no investment, (ii) reduce CO2 emissions, (iii) keep 100% control



*Cash payments*

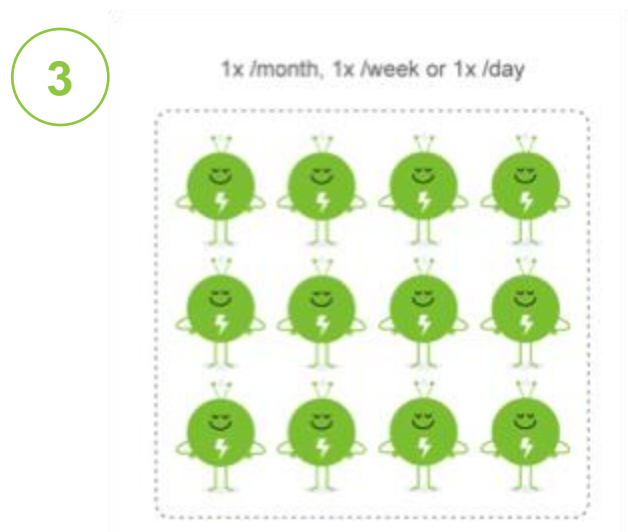
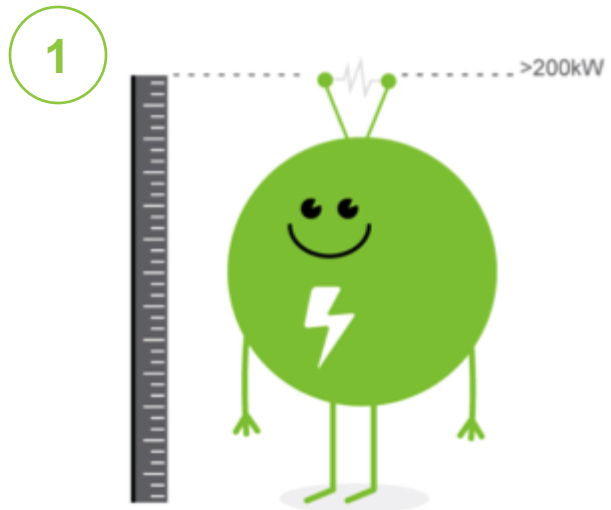


*No impact on output or processes*



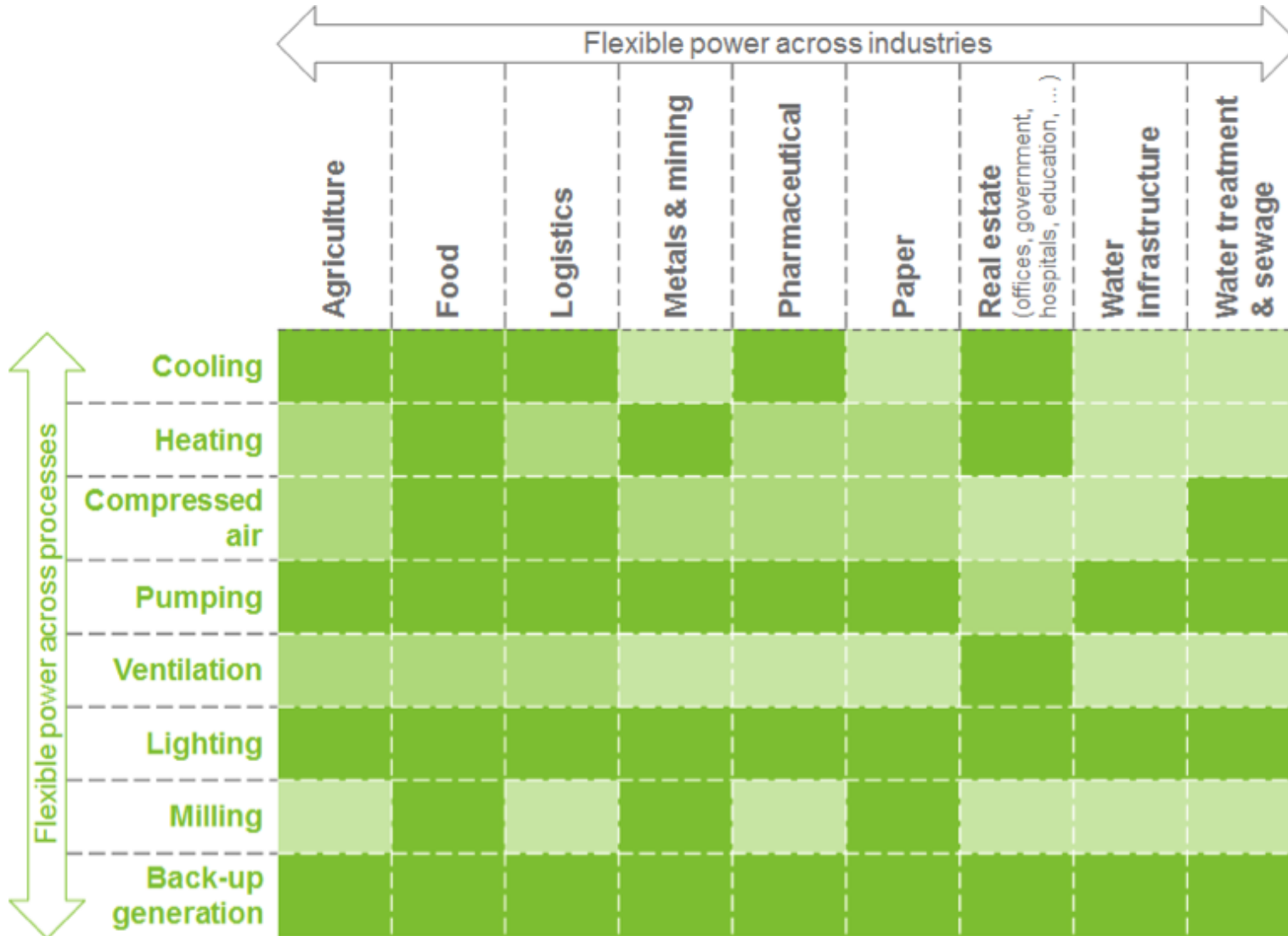
*Significant CO2 emission reduction*

# Can you take part as an industrial and professional power consumer?



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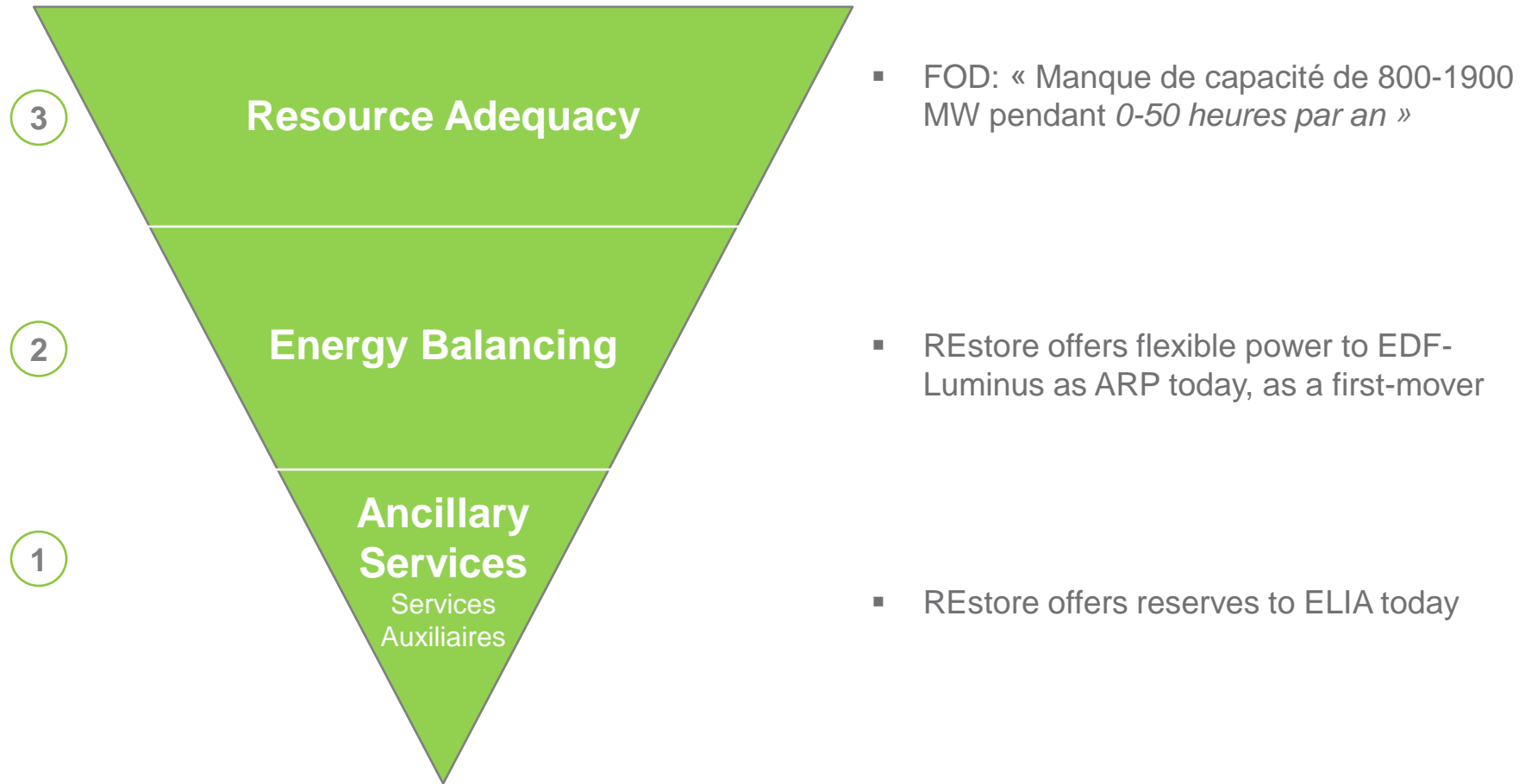
Selection



## Some concrete examples of industrial consumers that contract with REstore

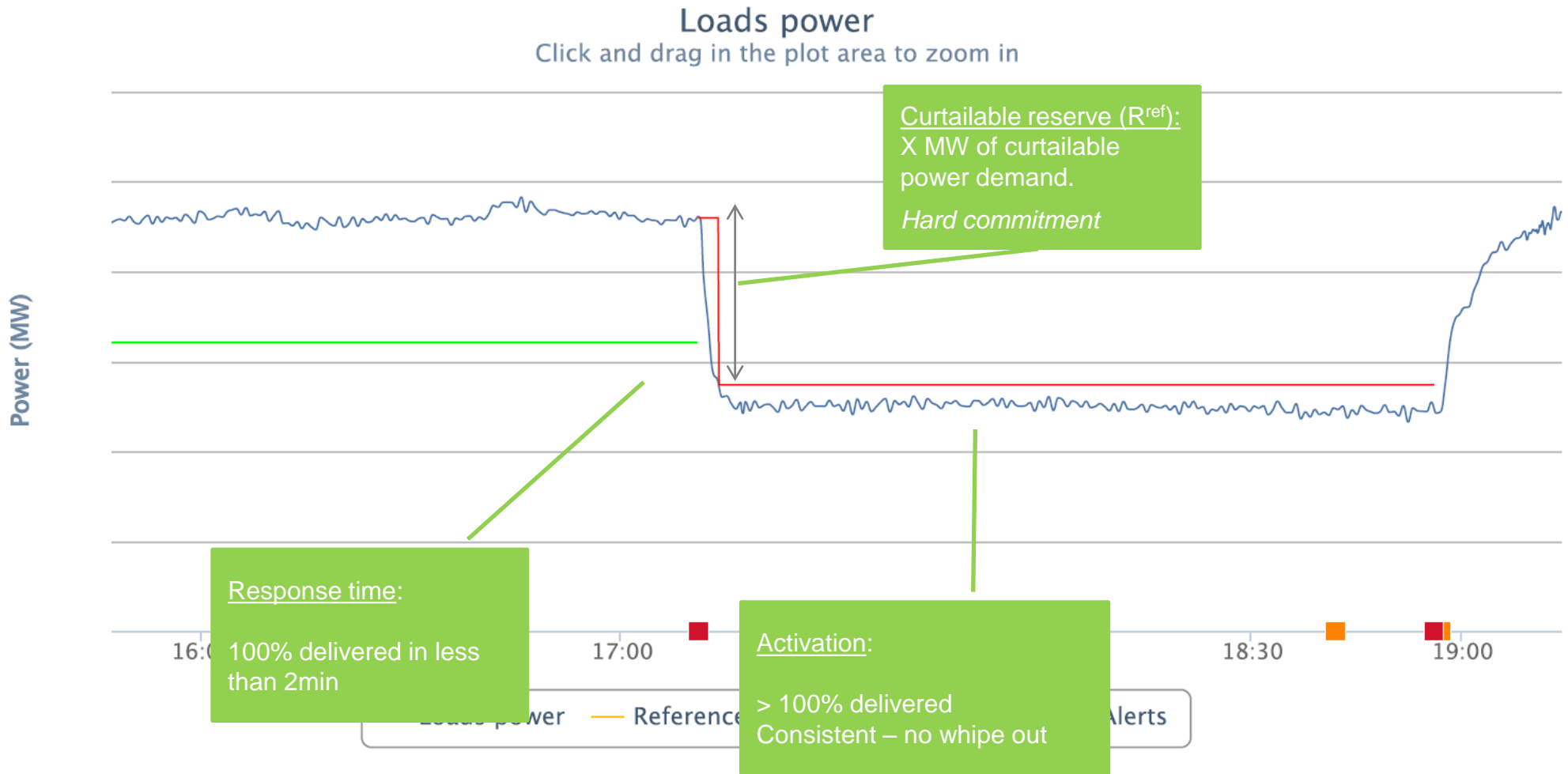


## In which markets does demand curtailment (or enhancement) have value?

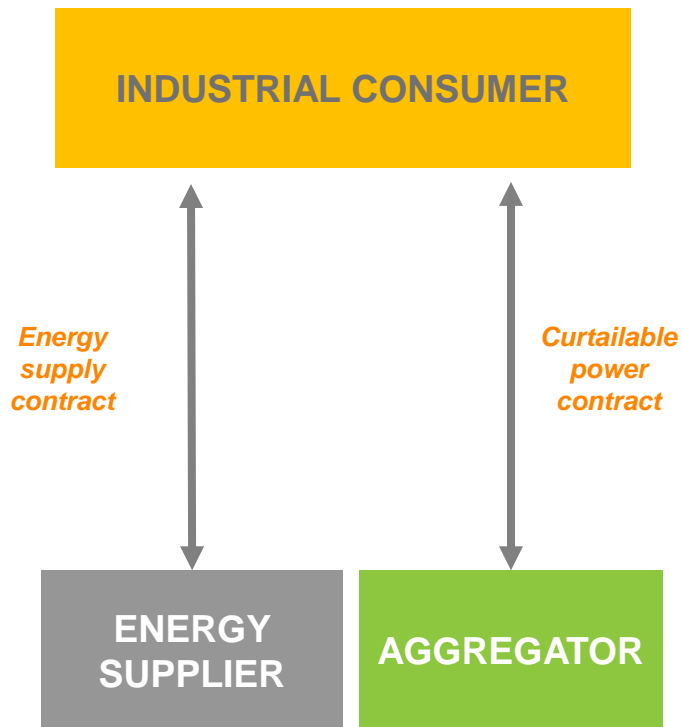




# REstore delivers Demand Response at similar technical specs as an Open Cycle Gas Turbine



## What about contractual relationships?



- Industrial consumers are the owners of their curtailable capacity
- Increasingly, a level playing field between generation assets vs. demand response, *as validated by ELIAs Balancing Taskforce for R1 & R3*
- No approval wrt. DR required by Supplier / ARP
- *As validated by ELIAs Balancing Taskforce for R1 & R3: Supplier / ARP not financially impacted for imbalance due to curtailment at time t*

## Why REstore?

	<b>Automated DR</b>	<b>Manual DR</b>
<b>HIGHER DR PAYMENTS</b>	<ul style="list-style-type: none"> <li>Fast response time (&lt; 2 min)</li> <li>All reserves</li> <li>Focus on load</li> <li>Higher payments / MW</li> </ul>	<ul style="list-style-type: none"> <li>Slow response time &gt;15 min</li> <li>Limited value for TSO</li> <li>Focus on gensets</li> <li>Tertiary reserve only</li> </ul>
<b>NO COST, NO HASSLE</b>	<ul style="list-style-type: none"> <li>No investment, nor cost for power consumers</li> <li>Zero operational hassle for operators and management</li> </ul>	<ul style="list-style-type: none"> <li>Manual intervention (power off &amp; power up) + standby hassle</li> <li>Impact on core business</li> </ul>
<b>LESS RISK, BETTER CONTROL</b>	<ul style="list-style-type: none"> <li>Risks fully controlled through existing control systems / BMS</li> <li>Guaranteed respect of boundary conditions</li> <li>Integrator endorsement</li> </ul>	<ul style="list-style-type: none"> <li>Manual overrule of automation system: high &amp; hidden risk</li> </ul>



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