

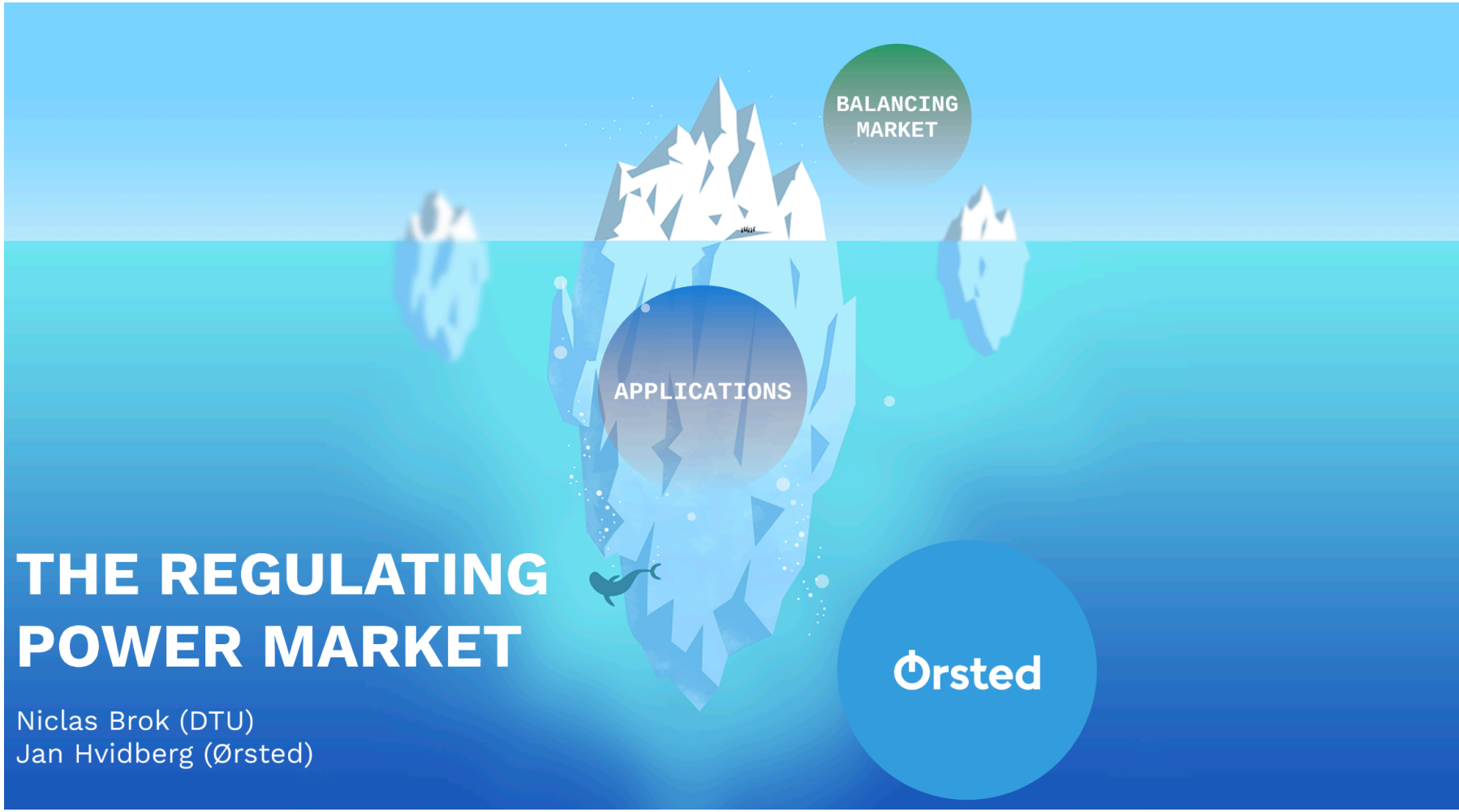
THE REGULATING POWER MARKET

Niclas Brok (DTU)
Jan Hvidberg (Ørsted)

BALANCING
MARKET

APPLICATIONS

Ørsted





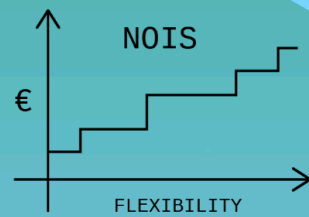
INTRODUCTION to the BALANCING MARKET

WHAT

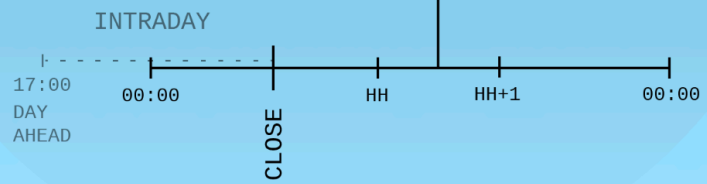
WHY

HOW

what is it?

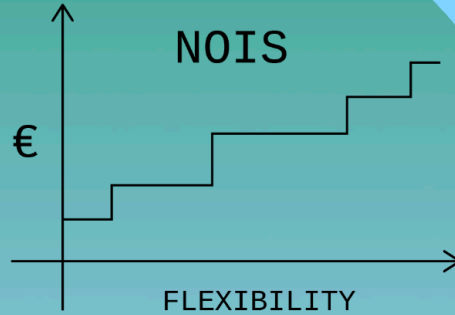


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↔ €



why is it relevant?



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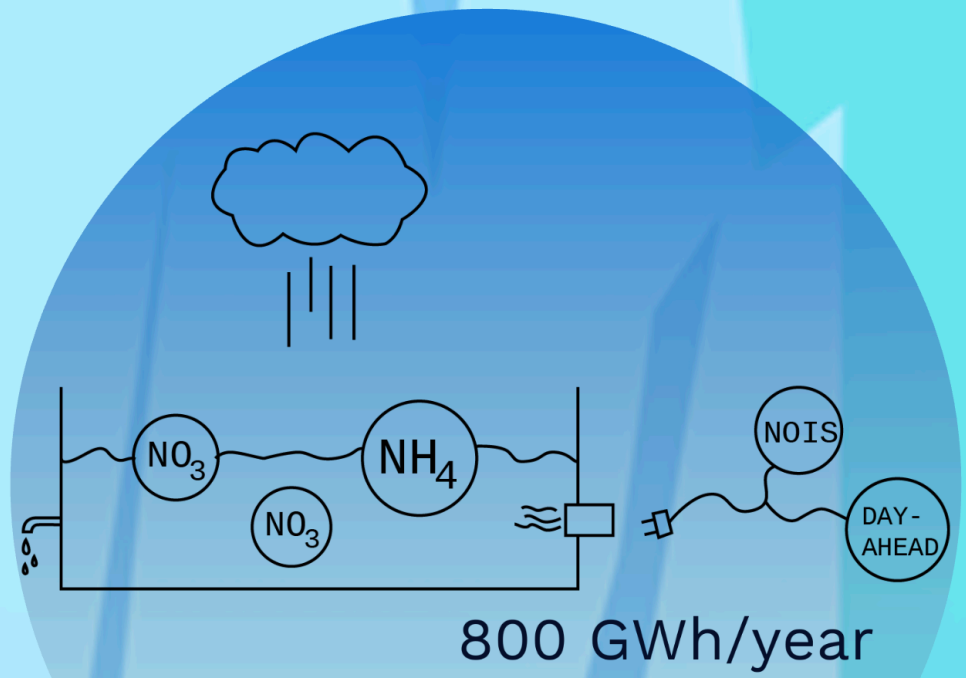
how can we use it?

$$\left. \begin{array}{l} \text{PRODUCTION -} \\ \text{CONSUMPTION +} \\ \text{(NET IMPORT)} \end{array} \right\} = 0$$

APPLICATIONS

WASTE
WATER
TREATMENT

SUPERMARKET
REFRIGERATION



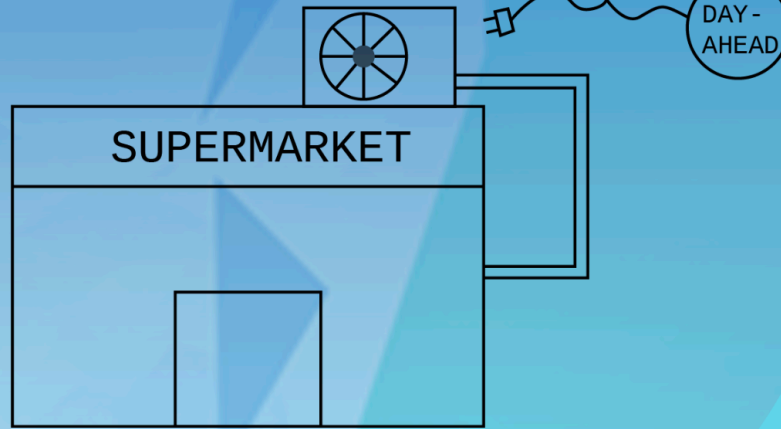
540 GWh/year

COOLING

NOIS

DAY -
AHEAD

SUPERMARKET



The Orsted logo is centered within a large blue circle. It consists of a white circle containing a power symbol (a circle with a vertical line through the top) followed by the word "rsted" in a lowercase, sans-serif font.

Orsted



PAST
NOW
FUTURE

**DEMO-
PROJECT**



**PAST
NOW
FUTURE**

PAST

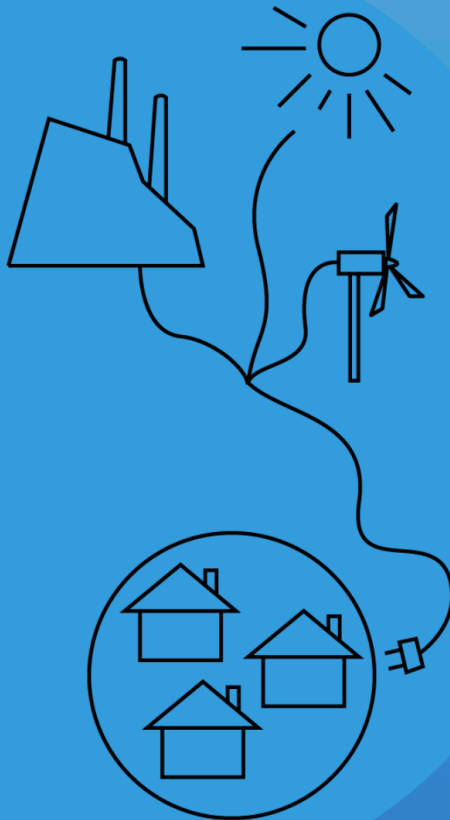
NOW

FUTURE

PAST



NOW



FUTURE

