

The Role of Association "NP Market Council" in Support of New Technology Development in Russian Wholesale Energy Market

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Association "NP Market Council"



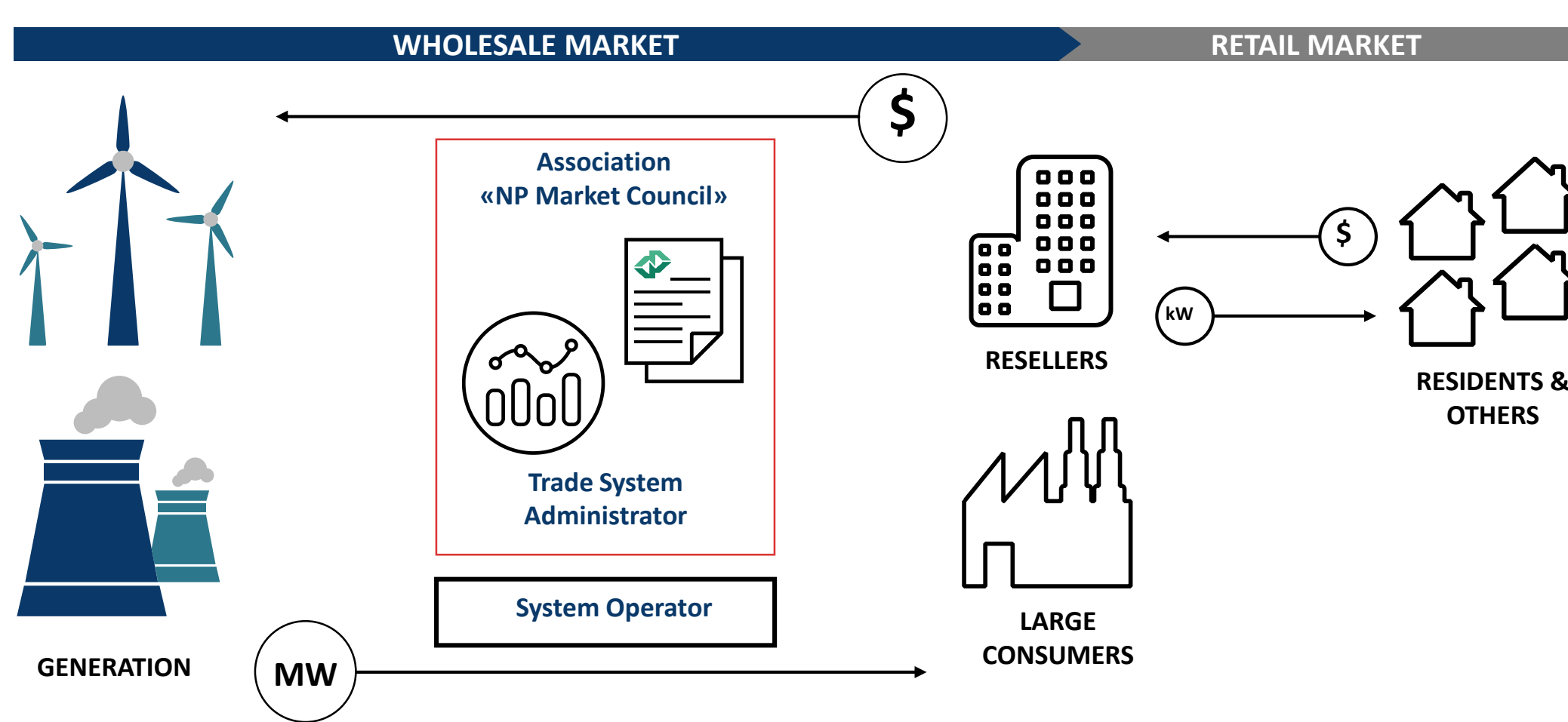
association
NP MARKET COUNCIL



ENERGY REGULATORS
REGIONAL ASSOCIATION

Association «NP Market Council»:

- Unites participants of the wholesale market
- Arranges the commercial activities of the wholesale market
(The Association owns the Trade System Administrator & the Financial Settlement Center)
- Develops market rules
- Takes part in the regulation of the power industry
- The Supervisory Board consists of government, generators, resellers and consumers representatives



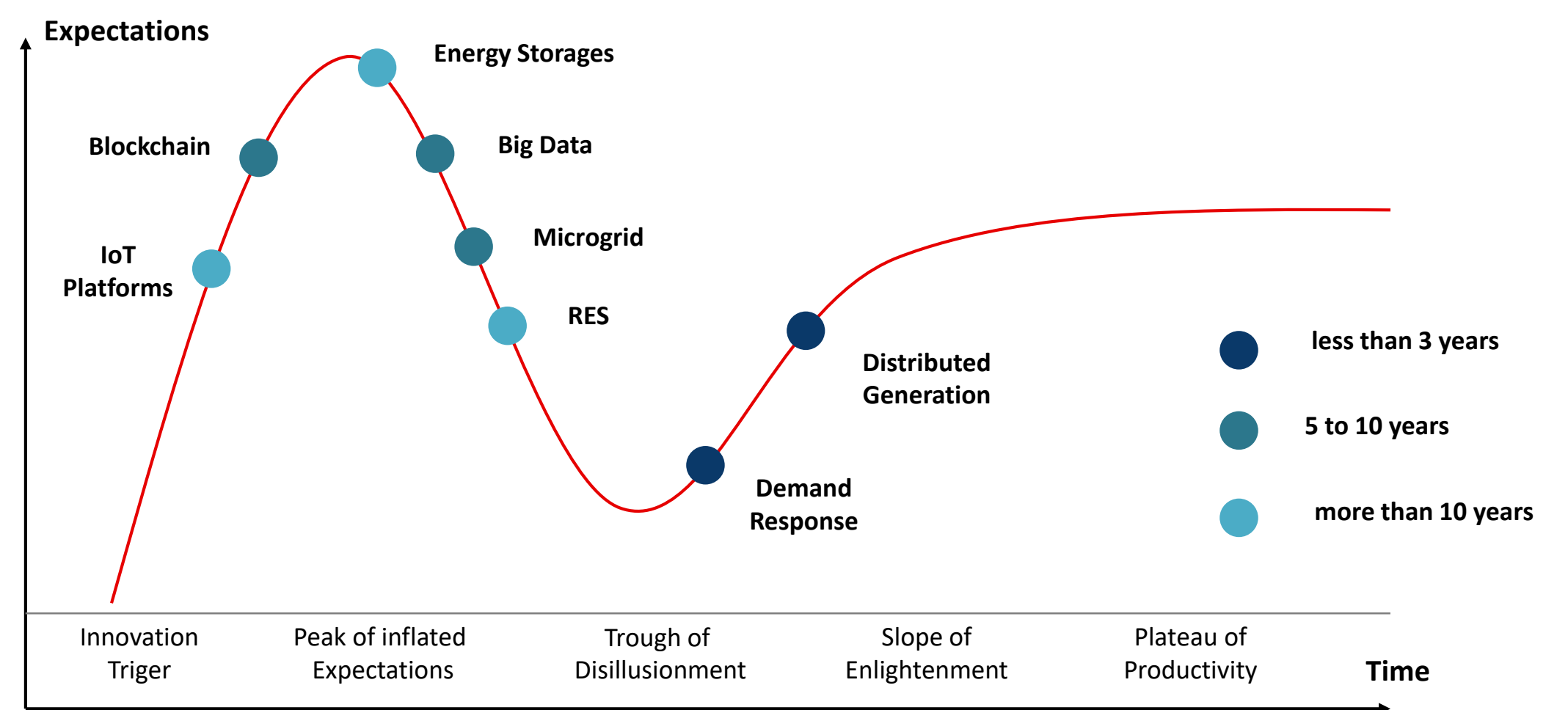
Power Industry 4.0

A regulator has to adopt different technologies according to their maturity level.

In the first levels, we select and assess useful technologies.

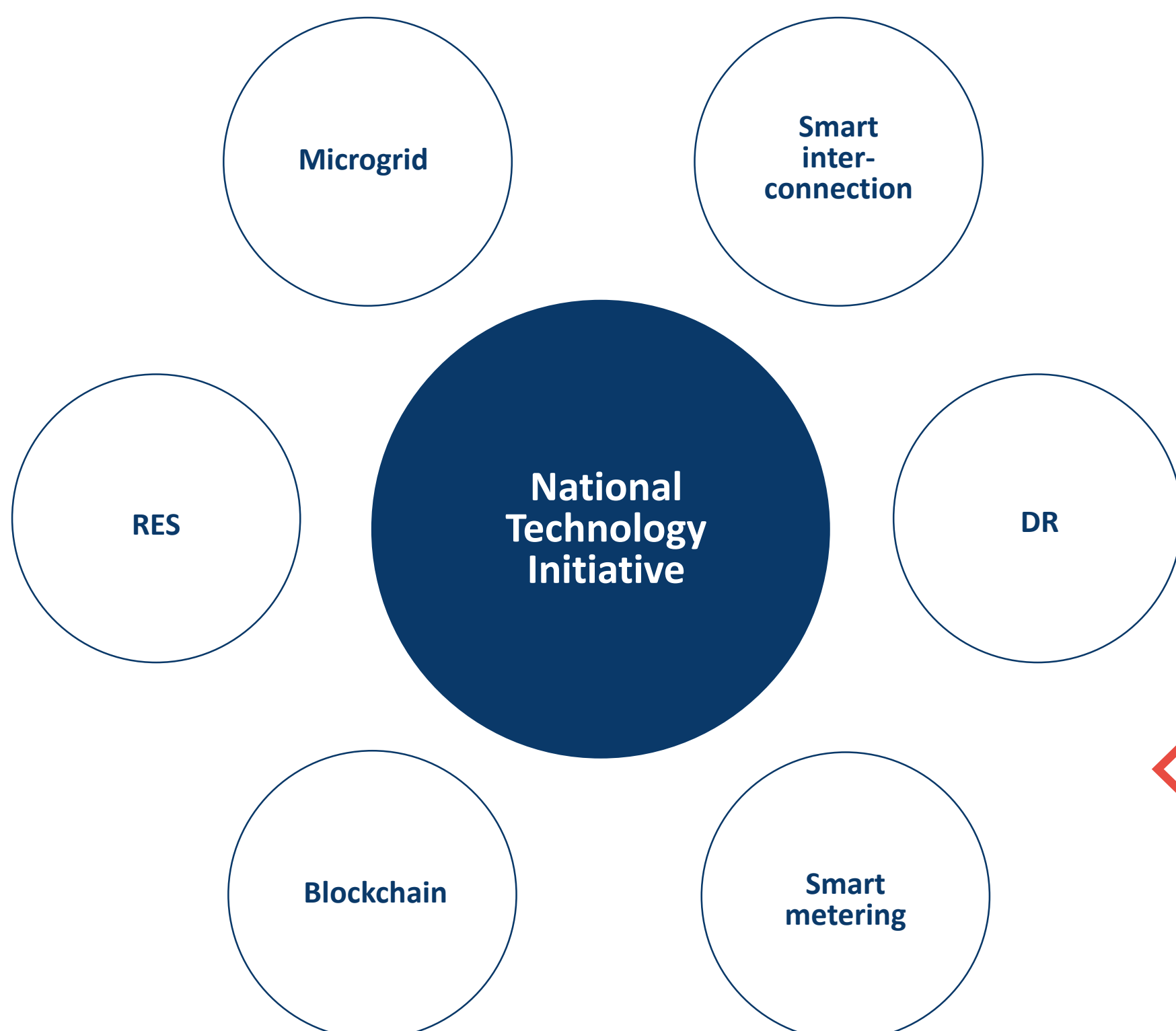
In the second step, the technologies are piloted to show their efficiency and competitiveness.

The mature technologies need actions that support their promotion in the energy market.

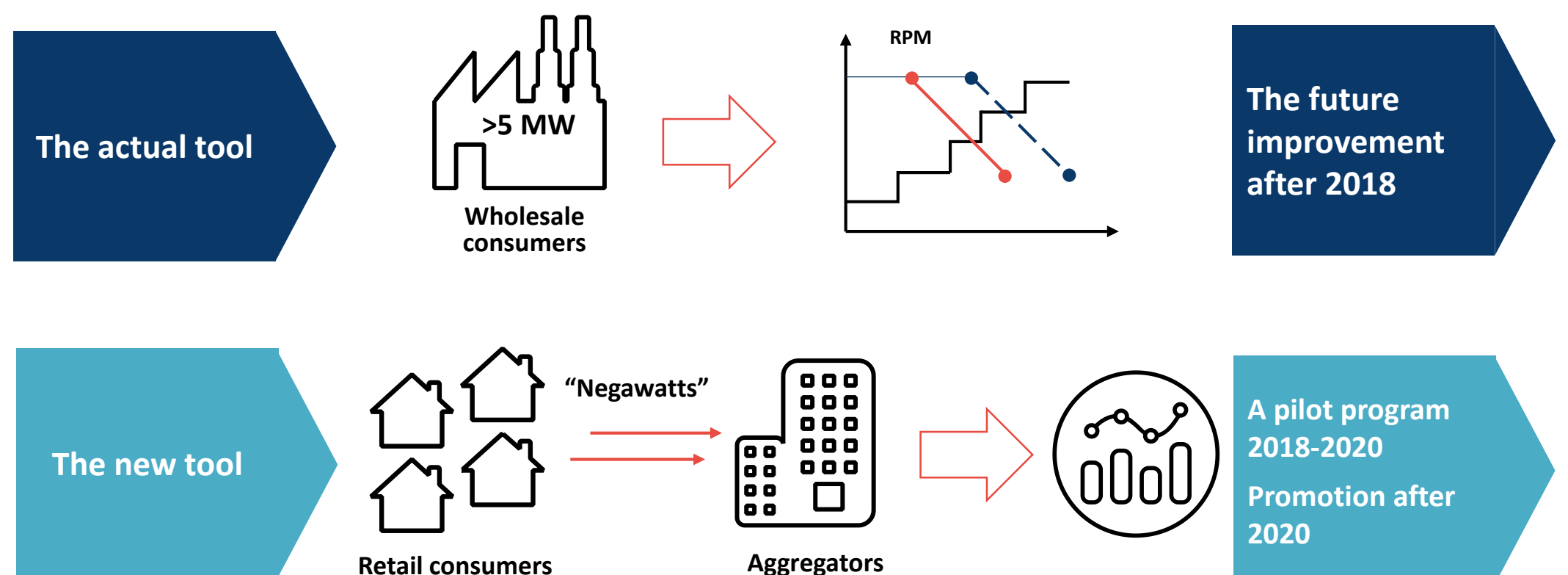


The role of the regulator:

- Developing of standards
- Expert assessment of legislation changes
- Resist cross subsidization



Demand Response in The Russian Wholesale Electricity Market



For example, Demand Response technologies decrease value of peaking generation units and prices in the Day-Ahead market. Since 2016 there has been DR market mechanism for wholesale consumers that was created by the System Operator and the Trade System Administrator. Since 2018 DR mechanism for retail consumers is going to be piloted.

Reference Materials

- <http://www.en.np-sr.ru>
- <https://asi.ru/eng/nti/>

Keywords

energy market, demand response, regulation, industry 4.0

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