



REPUBLIC OF ESTONIA
MINISTRY OF ECONOMIC AFFAIRS
AND COMMUNICATIONS

Estonia as a part of global energy economy

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Mixed expectations on energy market development

Low energy prices!

Can we also produce energy?

Energy security of supply!

Zero emissions from energy sector!

Don't ask anything from state budget!

Change of energy systems

- Incremental change is inherent to energy systems, BUT revolution in a end-use or production technology ignites that change
- Flexibility is key – also in Estonia
- Increased flexibility lies in synergies between the end-use sectors and energy carriers
- There is no silver bullet: diversified energy mix and energy use in every sector is inevitable

„Flexibility“ needs somehow to be marketable

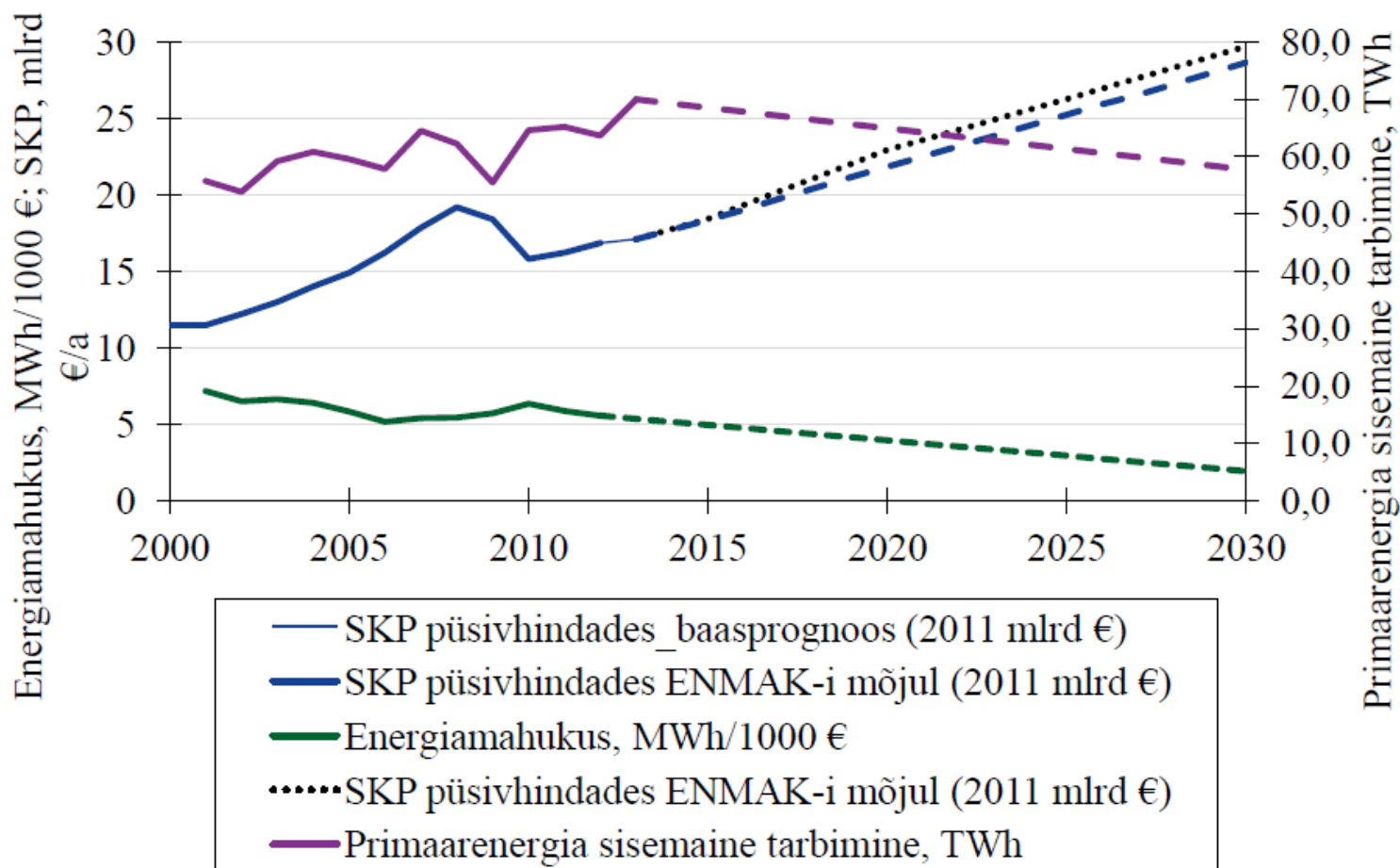
- Electricity systems can find added flexibility in transport sector (using EV batteries) or power-to-gas solutions (electricity to methane; electricity to hydrogen)
- Whereas gaseous substances can add to the flexibility and synergy of systems, state policies and regulation also need to follow
- There needs to be a consumer in the end creating a market

Towards Energy Market Development Plan 2030+

Political objective:

- Find out development scenario that contributes the most to the competitiveness
- Contribute adequately to EU 2030 climate and energy targets
- Reduce the number of policy documents
- Improve the link between strategy and national budget, clear implementation plan in financial terms

Energy intensity



Overall challenges and different levels on state intervention

- Energy efficiency in buildings + heating sector
- Managing the increasing use of energy in transportation sector
- Decreasing the greenhouse gas emissions from electricity sector, competitiveness
- Foster wider use of local fuels in transport, district heating and power production

Plans for hydrogen in Estonia

- Small initiative groups looking into specific end-use projects
- Potential for CO₂ abatement, storage and industry, but needs a national strategy
- Energy strategy 2030 in the making (a dynamic document) and describes alternative indigenous fuels in the transport sector – includes hydrogen!
- PPP driven consolidated effort needed to analyse the potential: can draw from other countries' experience
- As part of European single market and coupled energy markets need also a regional aspect: a common approach and effort to exploit the full potential



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Aitäh!

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