

Estonian long-term energy strategy (ENMAK2030)

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"Nowadays people know the price of
everything and the value of nothing."

Oscar Wilde, The Picture of Dorian
Gray

ENMAK2030 - breaking the traditions

1. Energy \neq power + gas
Energy in ENMAK = housing + heat + production of transport fuels + transport + power;
2. Energy sector options are not to develop energy sector only, they are to develop the whole society mainly.

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Lessons learned

Where appropriate – only cross-sectoral long term strategies!

This:

- Helps discovering conflicts between sectors;
- Helps harmonizing the objectives of different sectors and setting the common goals;
- Helps achieving the targets and diminishing the costs;
- Helps finding new business opportunities and obstacles in applying those opportunities

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Value added from ENMAK

Every measure and political/economic decision has its influence on GDP, resource productivity, state budget, etc. – we can calculate them!

We did it by:

- Splitting the energy sector into „particles“: resources, consumption, technology, ...;
- Creating for each such a particle its „influence card“ (relation algorithm);
- Involving expertise by creating a wiki based web platform www.energiatalgud.ee;
- Evaluating the macroeconomic and environmental impacts of different scenarios with several models (Leontieff's input-output model, energy sector roadmap model, etc.)

Every effort can be measured and every measure shall be measured!



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Some figures

- www.energiatalgud.ee, the energy sector knowledge hub
 - >600 articles;
 - energy related researches, studies, links;
 - Fellowship >400
- 135 energy sector roadmaps
 - 15 fulfilling energy saving targets in 2020;
 - 0 fulfilling NOx non-binding targets in 2030
- >1000MEUR(GDP)(5,3%) in 2030 more, compared to baseline scenarios (total GDP 28600MEUR);



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Conclusions

We can make a big change!

We have all necessary tools and knowledge!

Co-operation in managing the targets is crucial!



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THANK YOU!



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