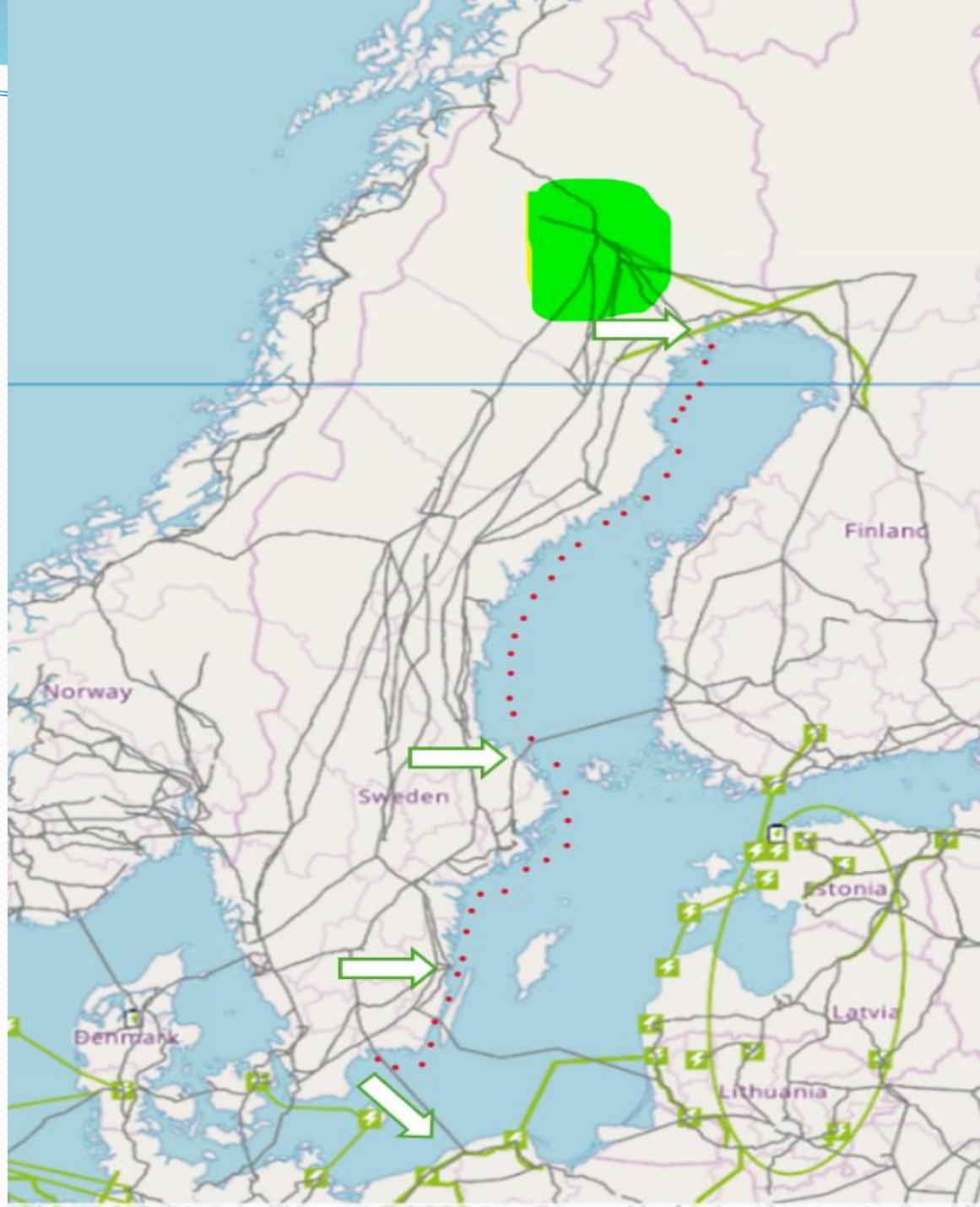


A Diverse Renewable Mix: Ensuring Stability and Scalability in Sweden's Energy System

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North Baltic Electricity Link



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Solution:

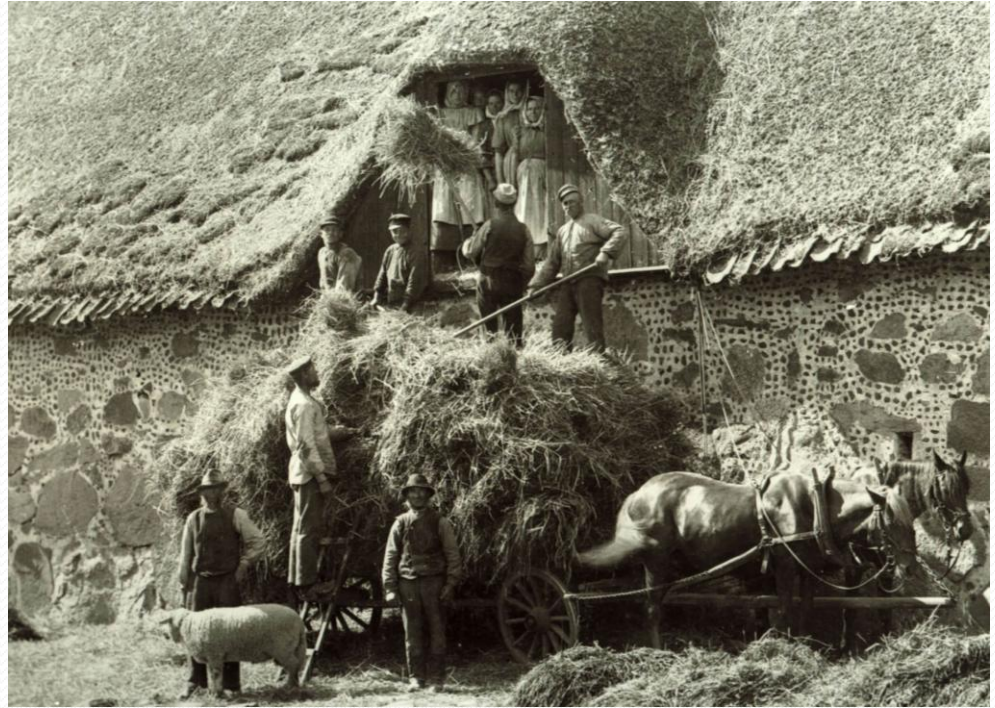
A new Baltic submarine cable along the Swedish coast from Luleå in the north to Karlshamn in the south with nodes along the way for existing power production, new offshore wind farms, and the transfer of Finnish electricity, for balancing between northern and southern Sweden and the transfer of more electricity and balancing to Europe.



One price area

- It removes the bottleneck in Sweden, equalizes prices and we can introduce one price area instead of four.
- Connect and send a lot of balance electricity to southern Sweden and Europe

Energy Storage



They could store their energy for the machines of the past. Then we can do it today too. For example, the farmer needed 18% of his acreage to grow hay for the machines of the past, the horse so that it could get its energy even in winter. Today, only 8% of the acreage would be needed to drive the farm tractor with RME.

New electricity production

- Renewable energy production **spread across the country.**
- Energy islands with their own storage, energy communities
- Impossible for a country to shut down electricity production in the event of war or terrorist attacks
- Building large energy facilities similar to nuclear power plants poses a great risk of attack in the event of war to knock out electricity production on which many depend.

Agro solar and Hydrogyn

As a theoretical example of what is possible if the political will is there. Only 5% of all of Sweden's arable land would be enough to put vertical solar panels on the fields combined with cultivation and together with hydrogen gas storage to meet the entire electricity needs of Sweden. Not practically feasible but still to a large extent.



But who in Sweden dares to invest in renewable production today.

With a government that intends to subsidize one type of power, nuclear power with a guaranteed price of 7-8 euro cents for 40 years and large credit guarantees and does not promote renewable energy.

Companies had been directly convicted in the EU Court of Justice for unfair competition but a government can apparently with deliberate courage compete out free enterprise.

In 2025, not a single wind turbine was invested in, for example. Sweden is the country in Europe where false propaganda about wind power is spread the most, sometimes encouraged by certain political parties.



No, let's build the future with renewable energy.

Leave the old nuclear power plants in place and upgrade them.

That balancing power together with electronic balancing power and storage is enough.

Don't build new extremely expensive nuclear power plants that can't handle the market.

We have land, water, wind and forests that can provide us with a lot of clean energy.

Thank you for listening

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