




How do we utilize the Greenlandic hydropower potentials

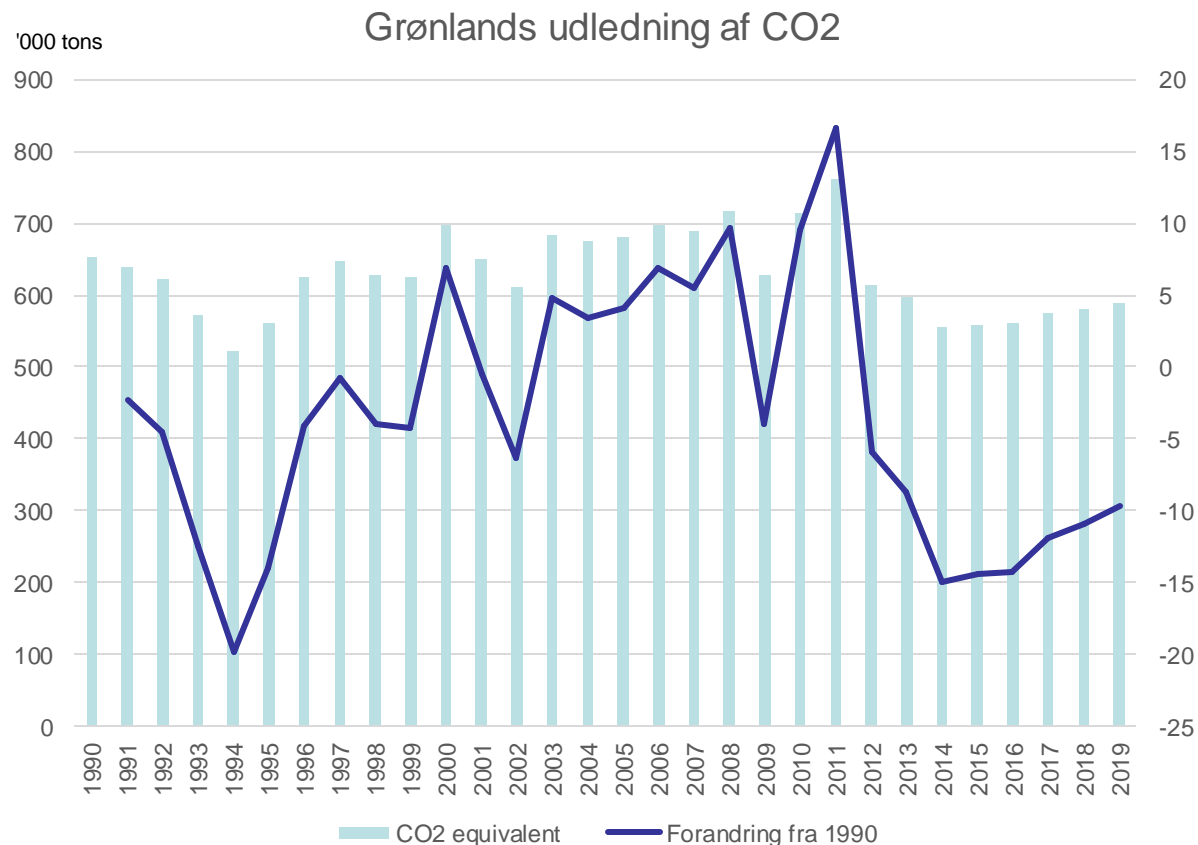
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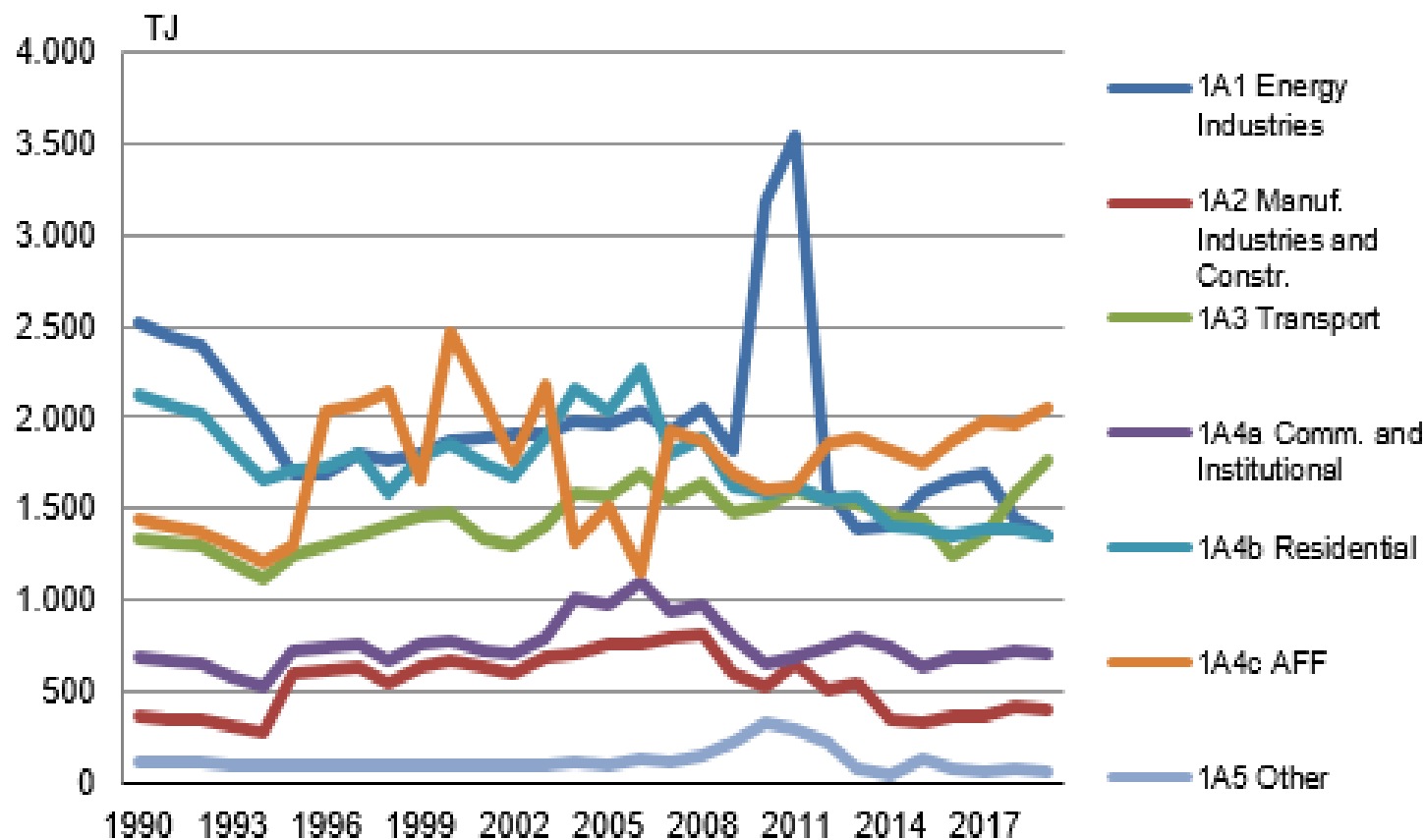


**Why should we utilize
Greenlandic hydropower
potentials?**

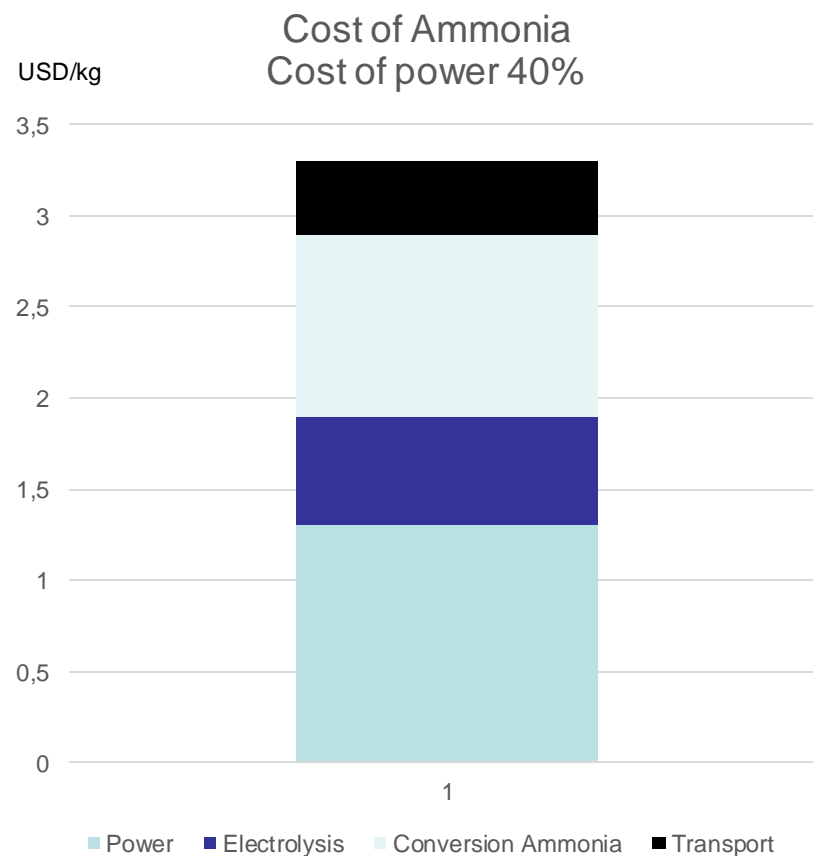
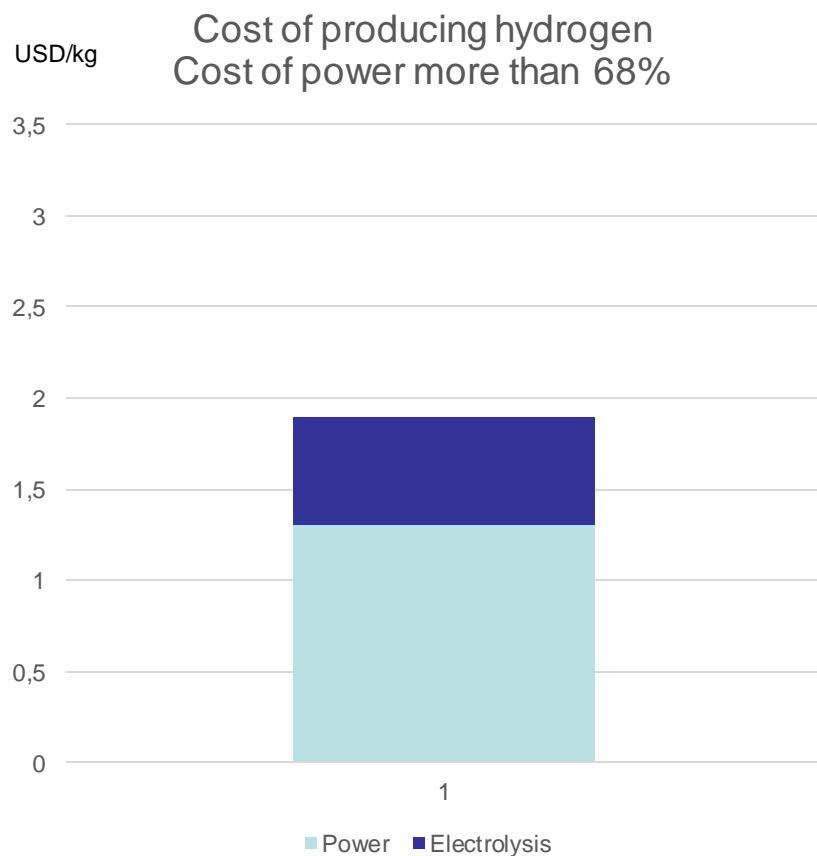
Because it is important for our CO2 reduction



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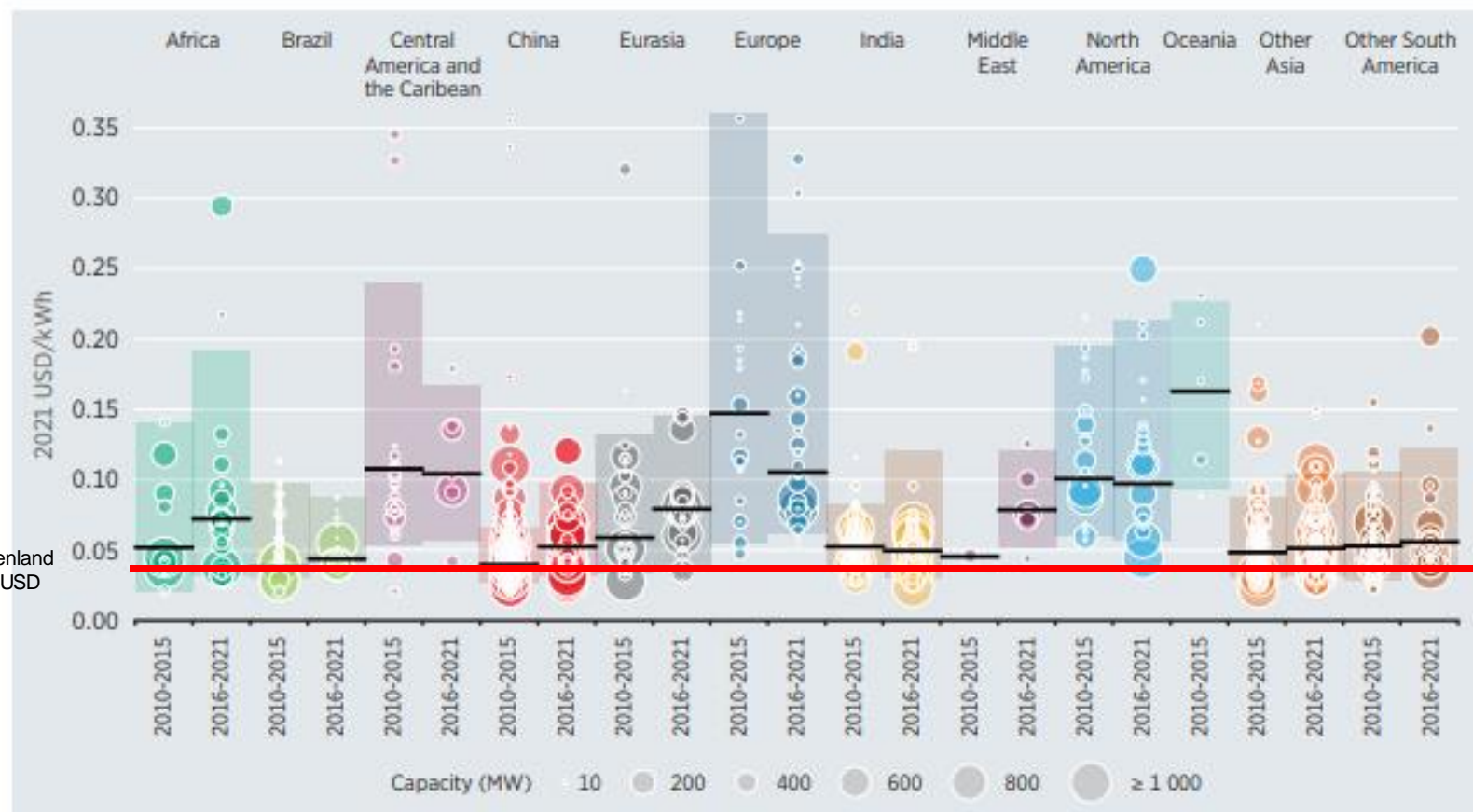
Because the price of electricity matters



Greenlandic hydropower is highly competitive



Figure 6.7 Large hydropower project LCOE and capacity weighted averages by country/region, 2010-2021



Source: IRENA Renewable Cost Database.

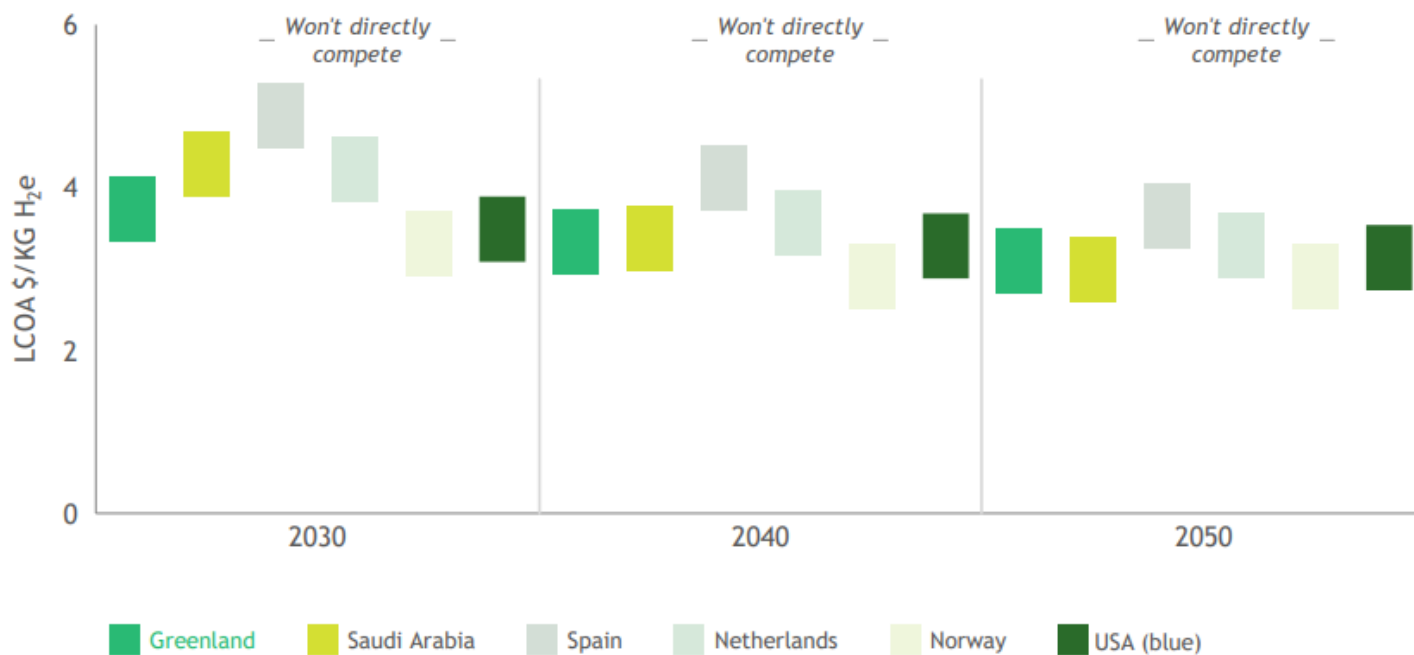
Solar and wind will lower the price



Ammonia exporters competitive already by 2030

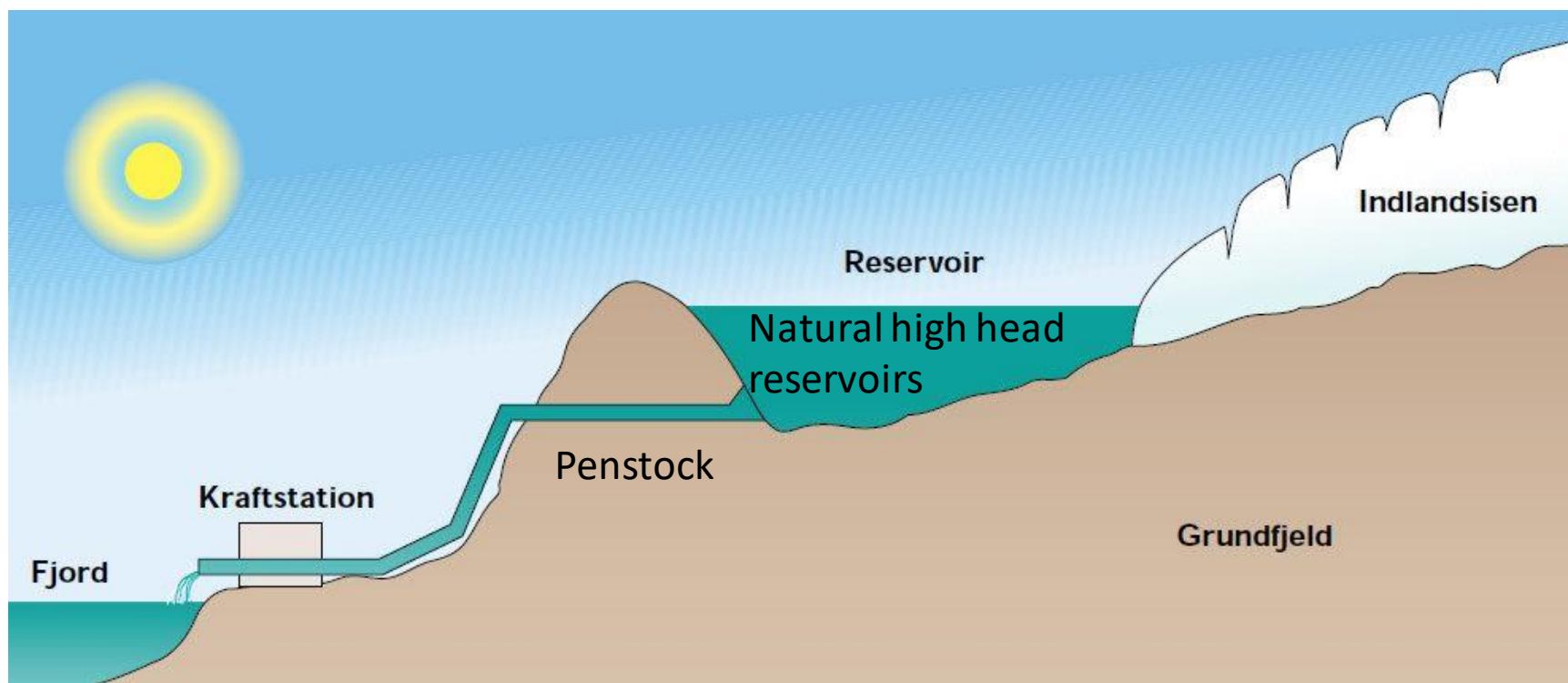
Ammonia landed cost, USD/kg of H₂-equivalent

Direct use of Ammonia





Why is Greenland competitive?



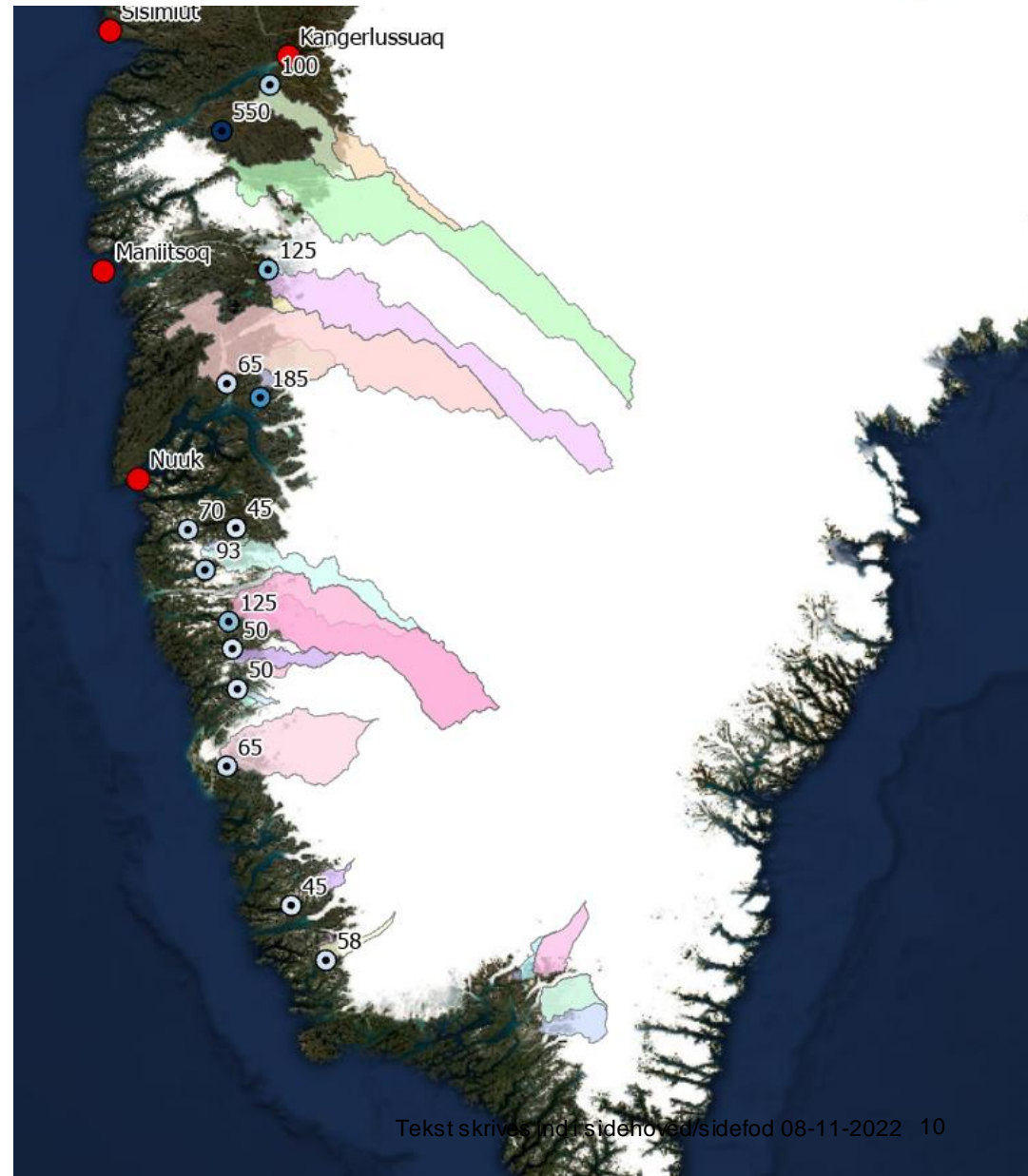
How do we utilize the Greenlandic hydropower potentials?

We estimate to have around 20.000 GW/h from unused hydropower potentials

Exceeds Greenland's total energy consumption several times

Located in remote areas

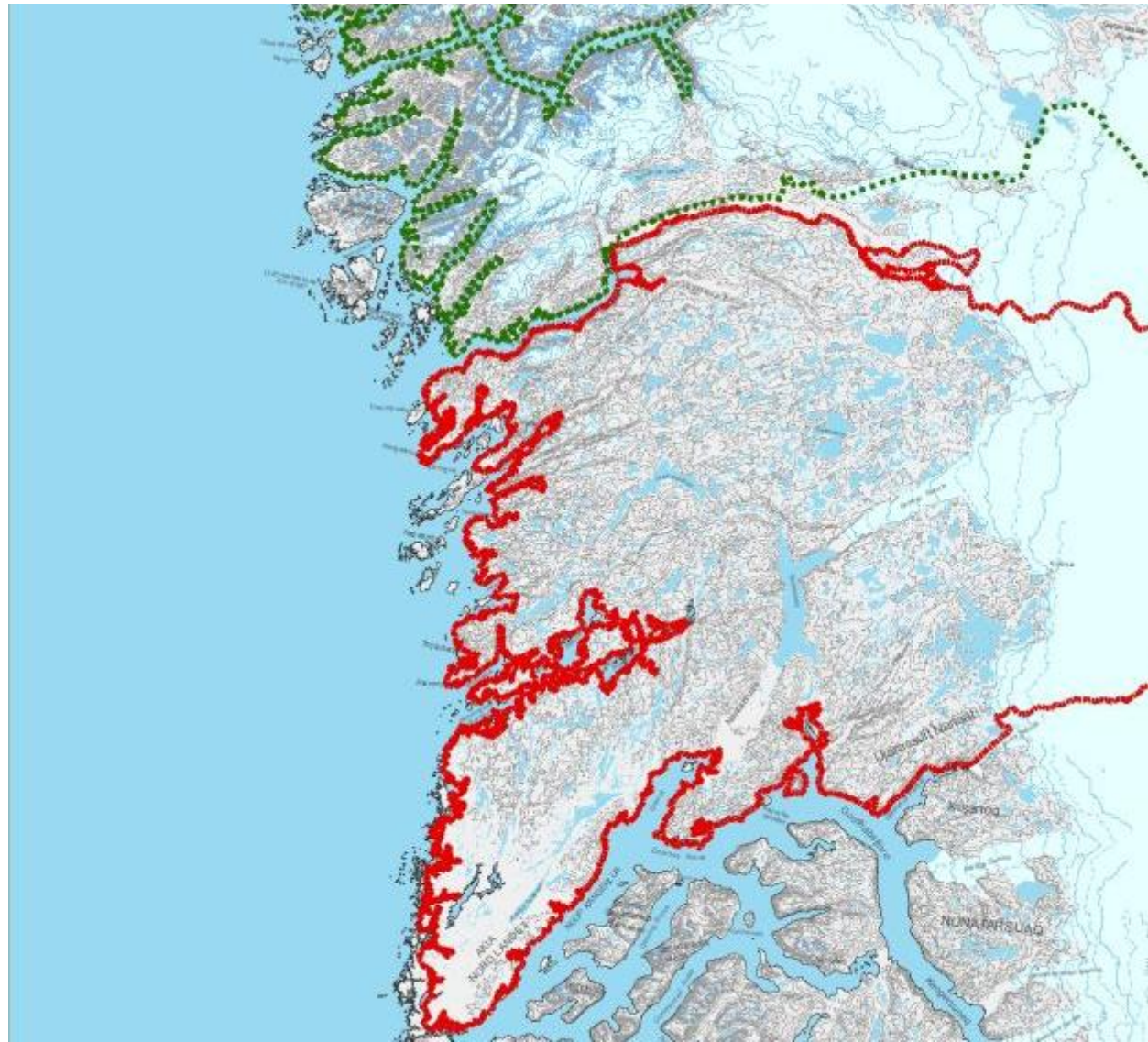
High cost of development



How do we utilize the Greenlandic hydropower potentials?

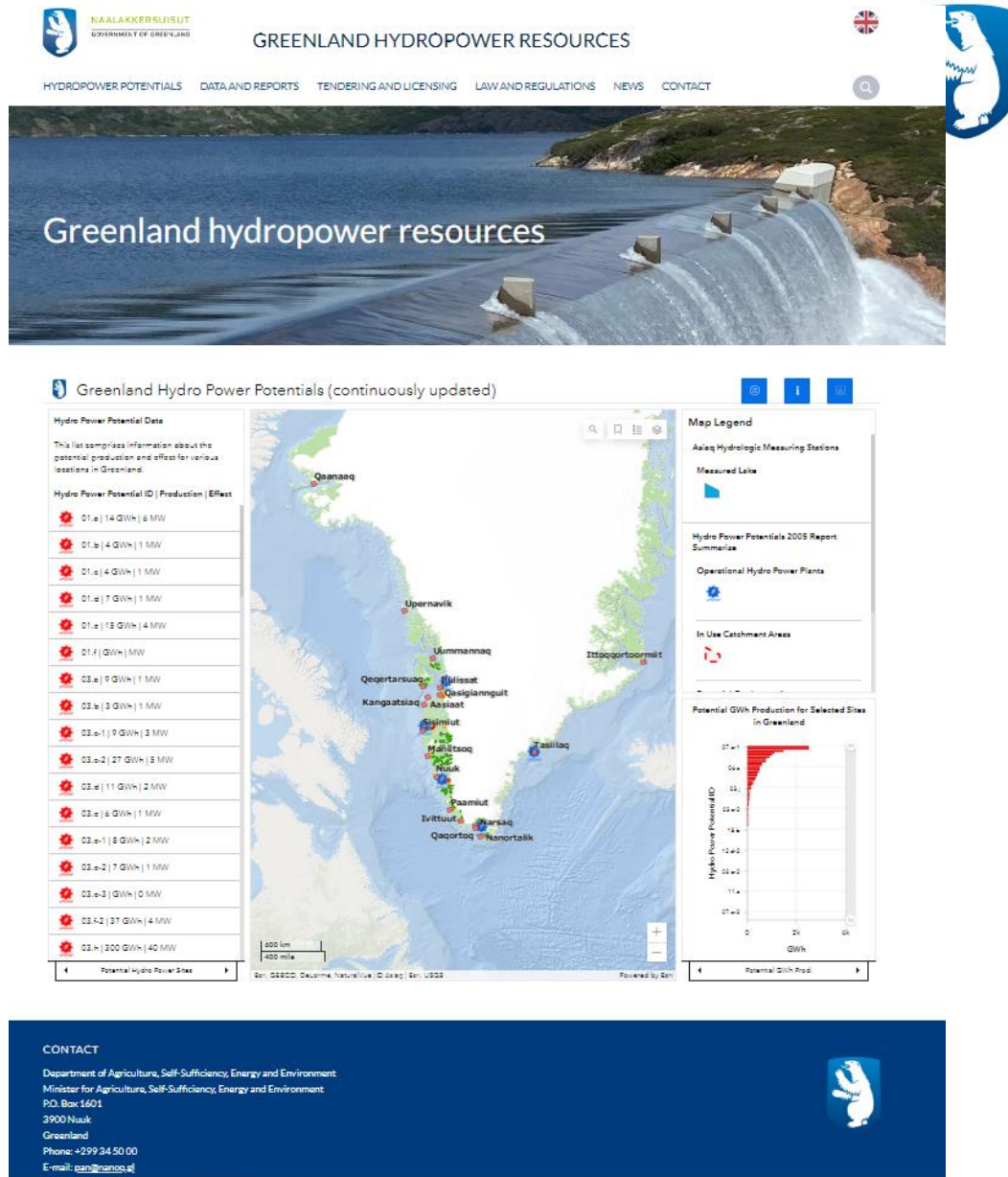


- It is decided to **invite private investors** to join forces with Greenland to develop the largest known hydropower resource in Greenland, situated in the area North of the capital Nuuk and South of Kangerlussuaq.
- The area will be **open for a tendering and licencing procedure** starting with an initial dialogue with interested investors in Autumn 2022 and a bid round in 2023.
- The investors will be granted a **40 year long exclusive license** for exploitation of hydropower in the area(s). The license can be expanded for another 20 + 20 years.



Active marketing

- Online marketing through SM
- Promoting investments through conferences
- Mature investment decisions through extensive data packages
- Close dialogue with potential investors
- Hydropower.gl



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Timeline for the licencing tendering procedure

The preliminary timeline for the licencing tendering procedure is outlined in the following. Please note that the timeline can be amended to accommodate possible changes arising from the market dialogue or unforeseen circumstances.

