An aerial photograph showing a dense green forest on the left side, bordering a deep blue lake on the right. The text 'Gasgrid Finland's Hydrogen Market Consultation' is overlaid in white, centered across the middle of the image.

Gasgrid Finland's Hydrogen Market Consultation

8.6.2023

Agenda

- Opening and background
- Gasgrid Finland and infrastructure projects
- Purpose of the Hydrogen Market Consultation
- Timeline for Market Consultations
- Informing about the results of the Market Consultation
- Q&A

Background

- Gasgrid Finland Oy is a Finnish state-owned company and transmission system operator with system responsibility. We offer our customers safe, reliable and cost-efficient transmission of gases. We actively develop our transmission platform, services and the gas market in a customer-oriented manner to promote the carbon-neutral energy and raw material system of the future.
- Gasgrid Finland has been tasked by Finnish Government to develop national hydrogen infrastructure, international co-operation and hydrogen market around the Baltic Sea region as soon as possible.
- To support the development, Gasgrid is launching a non-binding Market Consultation for industrial actors to indicate their interest to connect to future hydrogen network in Finland.

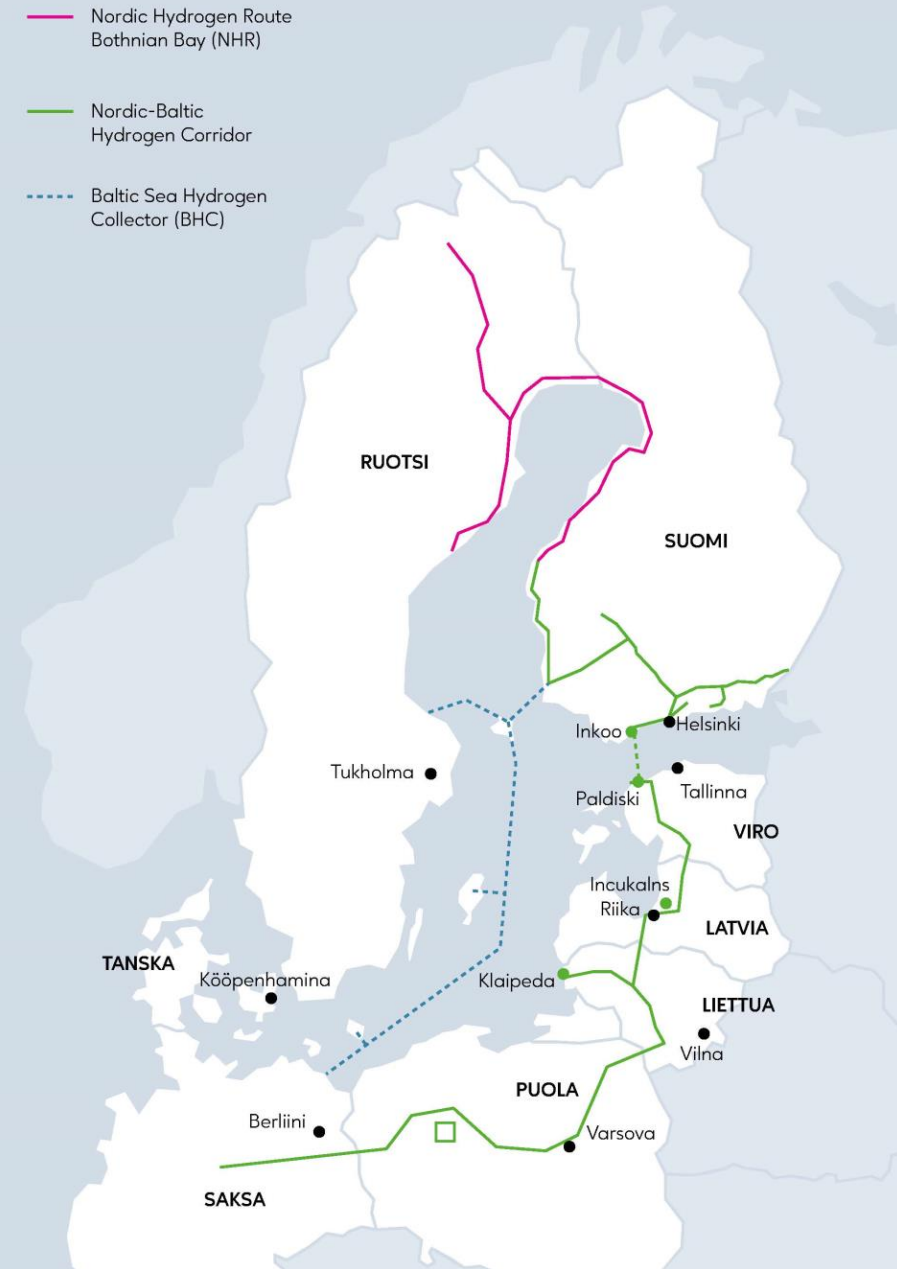
Hydrogen market development in the Baltic Sea region

Finland and the Nordics have a great opportunity to be the forerunners in hydrogen and Power-to-X development due to abundant, cost-competitive renewable energy production.

Hydrogen infrastructure can support market development by providing:

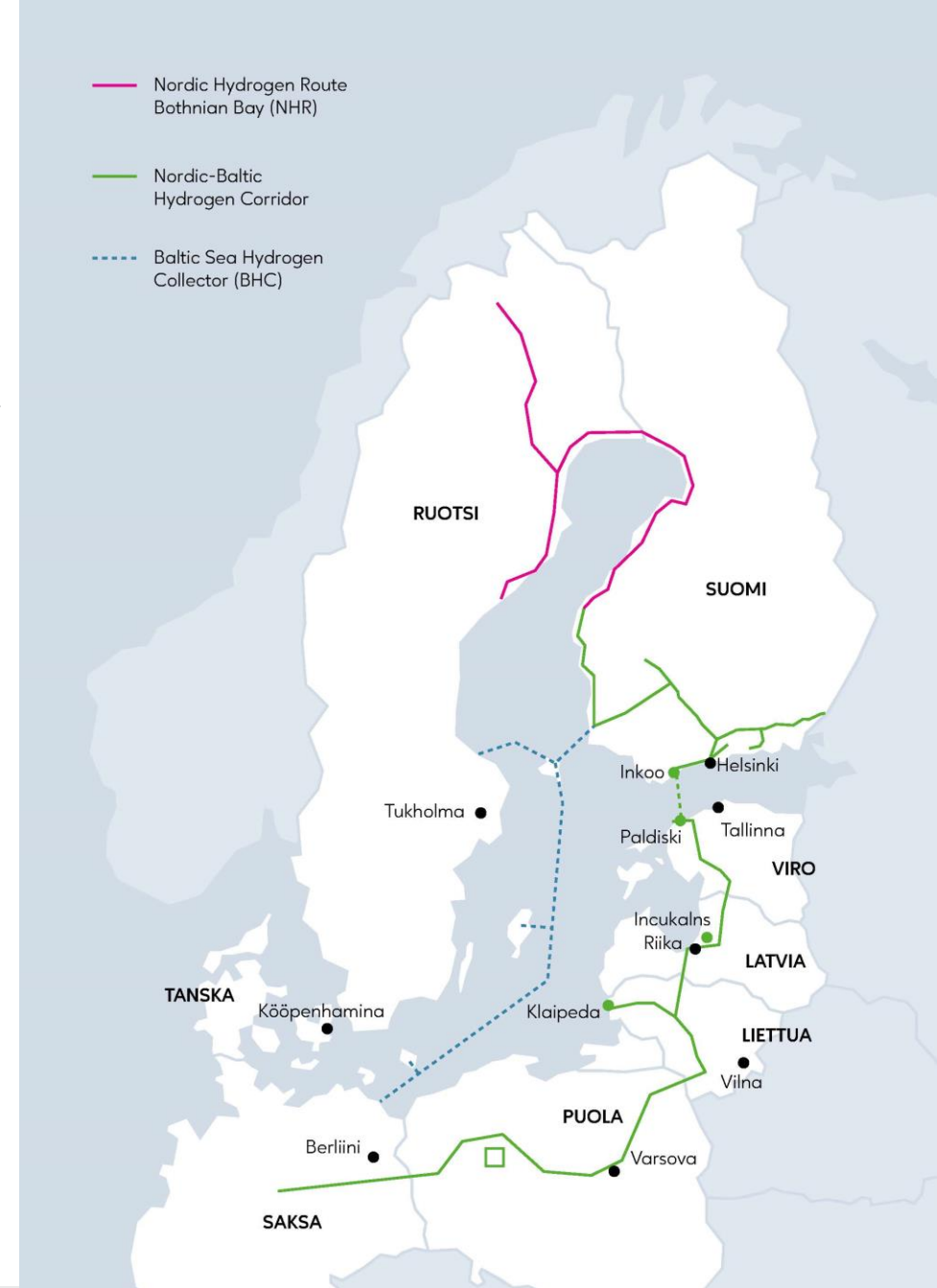
- connection between supply and demand
- access to storage
- efficient transport of energy
- business opportunities by enabling creation of a wider market
- flexibility to the market by acting as a buffering storage

Hydrogen infrastructure in Baltic Sea region can support a national and European energy independence, security of supply and achievement of climate targets.



Gasgrid Finland's Hydrogen Infrastructure Projects

- The **Nordic Hydrogen Route**, a cooperation project by Gasgrid Finland and Nordion Energi, aims to accelerate the creation of a hydrogen economy by building up cross-border hydrogen infrastructure in Bothnian Bay region and an open hydrogen market by 2030.
<https://nordichydrogenroute.com/>.
- The **Nordic-Baltic Hydrogen Corridor** a cooperation project to develop hydrogen infrastructure from Finland through Estonia, Latvia, Lithuania and Poland to Germany to meet the REPowerEU 2030 targets together with Elering, Conexus Baltic Grid, Amber Grid, GAZ-SYSTEM and ONTRAS.
- The **Baltic Sea Hydrogen Collector** project is formed together with Nordion Energi, OX2, and Copenhagen Infrastructure Partners. The companies have agreed to investigate the possibility to develop new large-scale offshore hydrogen pipeline infrastructure connecting Finland, Sweden, and Central Europe by 2030 to provide clean, sustainable hydrogen for Europe. <https://balticseahydrogencollector.com/>





Hydrogen Market consultation

Purpose of Market Consultation

- The purpose of the market consultation is
 - to evaluate the development of industrial hydrogen investment projects
 - find out about the interest of the industrial companies to be connected to future hydrogen infrastructure
 - strengthen the interest to develop hydrogen infrastructure in Finland.
- Gasgrid Finland's market consultation is open for all industrial companies and project developers.

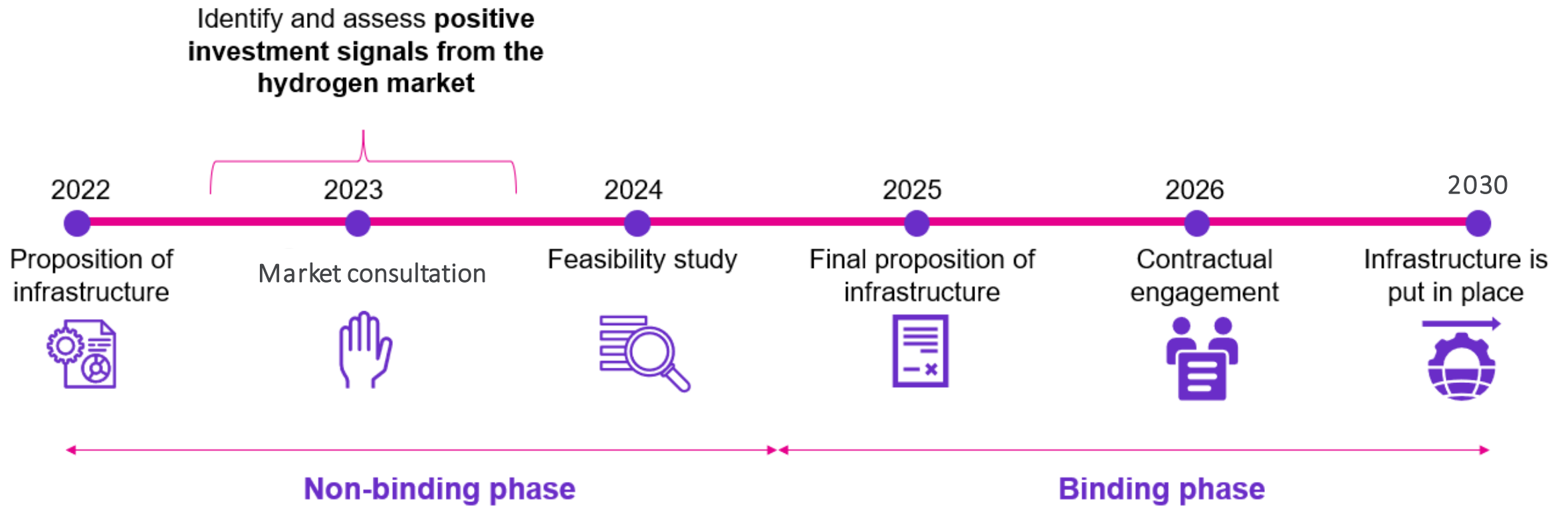


Market Consultation information

- During the market consultation process companies are asked to share information about
 - ongoing and planned projects
 - indicate the location of potential hydrogen projects
 - the need for hydrogen transfer and storage
 - the development schedule of the projects
- Based on the answers, Gasgrid aims to develop the hydrogen infrastructure to meet the industry needs.
- The consultation is carried out as a survey.



Timeline for Market consultations



- 8.6. Launch webinar
- 8.6. Publishing of Market consultation survey
- 8.6 – 30.8. Hydrogen Market Consultation open
- 1.9 – 30.10. Review and compilation of results



Data handling principles

Gasgrid Finland ensures confidential handling of data

- The market consultation is set up with the objective to collect information on the hydrogen projects in Finland in an open and non-discriminatory way.
- The data contained in the survey submissions will be treated with confidentiality by Gasgrid.
- Any personal data will be processed in compliance with the data protection principles specified in data protection legislation (GDPR) and according to Privacy Policy of Gasgrid Finland Oy.



Use of the results

- The non-binding Market Consultation initiative is developed to validate the Finnish hydrogen infrastructure needs and support planning of future hydrogen infrastructure.
- Gasgrid will treat company and project specific information confidential and may disclose information obtained in the market consultation only in an aggregated and anonymised form to third parties.
- Anonymised and aggregated information may be disclosed to market participants as well as to the competent authorities to obtain requisite permits or to parties involved in the implementation of the hydrogen network development.
- Once the results have been analysed, Gasgrid will publish a summary of the aggregated results making sure that data confidentiality and anonymity is ensured.
- The findings will be published on Gasgrid Finland's webpage.



Q&A



Opportunity to ask questions and discuss

We will be happy to provide additional information if necessary.

You can reach us:

- Venla Partanen, Development Manager, venla.partanen@gasgrid.fi, 050 305 3504
- Possible interview requests via Gasgrid's communications team: satu.linkola@gasgrid.fi, puh +358 46 877 3392

