



Kingdom of the Netherlands

KEILA HYDROGEN VISION

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WEBINAR: Hydrogen - Driver of the Estonian (green) future

14 April 2021

ABOUT THE ASSIGNMENT:

- Nomine Consult was contracted in november 2020 by City of Keila for preparing Keila hydrogen vision document;
- Assignment was co-financed by the Embassy of Netherlands in Tallinn;
- Report was prepared by Nomine Consult consultants Raido Nei and Linda Sakala;
- Prof. Acad. Enn Lust was consulting the preparation of the vision document;
- Mr Petrus Postma (sustainability expert from the Netherlands) was commenting the Report;

ABOUT THE CONSULTANT:

- Estonian-Lithuanian privately owned international independent advisory company with 25 professionals in Estonia and Lithuania;
- 27 years successful consulting, advisory and owner's engineering history in Estonia and 15 years in Lithuania;
- Nomine Consult OÜ in Tallinn with staff of 12;
- Nomine Consult UAB in Vilnius with staff of 13;
- Business areas:
 - Energy advisory;
 - Environmental advisory;
 - Owners engineering and project management services;
 - Greenhouse gases emission verification services.

Keila is **developing city** with **attractive location** nearby Tallinn, by **high density international cargo traffic road** to Paldiski ports.

Keila is interested in **innovative solutions** and the **improvement of the living and working environment** in order to attract more people to live and work here.

Keila wants to be a **pilot region in Estonia** for the **development and application of green hydrogen technology** in transport, energy, and industrial processes as it sees great perspective in **stimulating local economic development** as well as **contributing to national environmental and climate policy goals**.

Keila is good place for people and business !

14.04.2021



source: internet



KEILA

KEILA'S ADVANTAGEOUS LOCATION



Keila's population: 10 087.
Advantageous location:

- Tallinn- Paldiski road with heavy traffic;
- Railway node for passengers and cargo;
- Own bus lines.

FROM THE PILOT TO EVERYDAY USE

	TARGET	Year
Transport	Keila city inner bus lines	2026
	County bus line	2026
	Train filling station	2027
	Cargo and traffic filling station	2030
Building /facility energy supply security	Keila Vesi	2026
	PJV Hooldusravi	2028

- Keila wants to be a pilot in Estonia for hydrogen technology development and use;
- Keila has an excellent location in terms of infrastructure and traffic;
- Converting the local city bus line as well as the regional bus line to hydrogen fuel by the year 2026;
- Train hydrogen filling station by 2027 and commercial traffic filling station by 2030;
- Improving building energy security is one of the targets for hydrogen production unit based on solar energy at wastewater treatment plant of Keila Vesi by the year 2026 and creating of similar solution for PJV Nursing Hospital by the year 2028;
- To produce green hydrogen, the nearest renewable energy production capacities are wind farms near Paldiski. It is worth to explore the installing possibilities of solar parks with a capacity suitable for hydrogen production in Keila or nearby (bogs for example).
- Keila is seeking cooperation opportunities both domestically and abroad.





KEILA:

Enno Fels, Mayor of Keila

Timo Suslov, Member of the Parliament, Member
of Keila City Council

Keila City Government

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THANK YOU !