



NORDIC
INVESTMENT
BANK

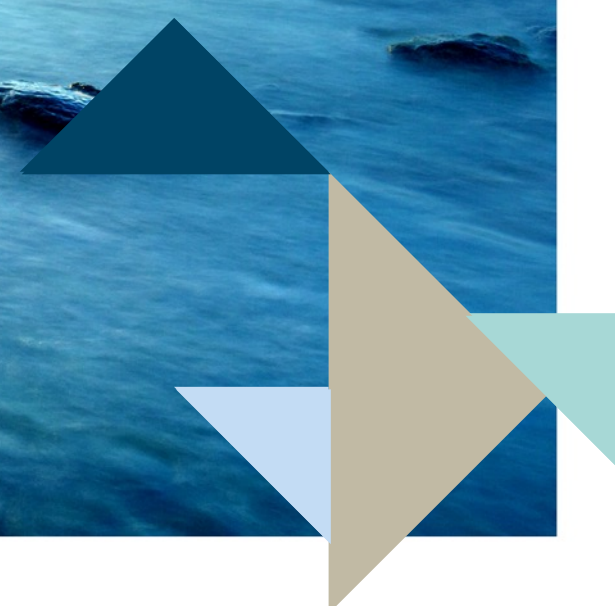
FINANCING
THE
FUTURE

Green to Scale Estonia

Creating a prosperous
and sustainable
Nordic-Baltic region

30 April 2018

Gunnar Okk



This is NIB

- ▶ **The International Financial Institution of the Nordic-Baltic countries**
- ▶ **Mission to finance projects that improve productivity and benefit the environment i.e. sustainable growth**
- ▶ **Long-term loans on competitive market terms with sound banking principles to complement commercial lending and other financing**
- ▶ **Highest possible credit rating: AAA/Aaa**

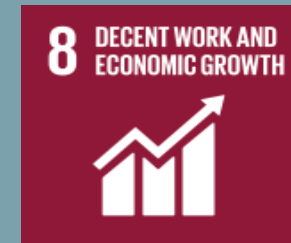
This is NIB

- ▶ **All projects are assessed from the productivity and environmental impact perspective**
- ▶ **In addition, they undergo a separate sustainability review.**
- ▶ **The Bank also operates in non-member countries**
- ▶ **Our purpose is to make a long-lasting impact on the Nordic-Baltic region.**

NIB's impact translated into UN SDGs

Financing projects that support productivity through:

- ▶ technical progress and innovation
- ▶ human capital and equal economic opportunities
- ▶ improvements in infrastructure
- ▶ market efficiency and the business environment



Financing environmental projects, NIB lends to projects that foster:

- ▶ pollution prevention
- ▶ preventive measures
- ▶ resource efficiency
- ▶ development of clean technology
- ▶ climate change mitigation













Scaling of existing climate solutions

NIB has financed several projects in the Nordics and Baltics that support the scaling of existing climate solutions such as:

- ▶ **energy efficiency in buildings and in industry**
- ▶ **solar power**
- ▶ **onshore and offshore wind power**
- ▶ **combined heat and power plants**
- ▶ **transport biofuels**



NIB Green to Scale project examples in the Nordics

Customer	Country	Project	Loan amount [mEUR]	Green to Scale category
		Construction of a new energy efficient dairy in Western Norway	42	Energy efficiency in industry
		New waste-to-energy plant	64	Combined heat and power
		Construction of a warehouse with solar panels	70	Solar power
 LULEÅ KOMMUN		Upgrading biofuel production	52	Transport biofuels
		Energy-efficient trams	60	Electric vehicles
		New biofuel combined heat and power plant	63	Combined heat and power

NIB Green to Scale project examples in the Nordics

Customer	Country	Project	Loan amount [mEUR]	Green to Scale category
Skellefteå Stadshus AB		Blaiken wind farm in Västerbotten County	48	Onshore wind power
 EPV Tuulivoima		Construction of a wind farm in Vaasa	20	Onshore wind power
 UPM		Bio refinery producing wood-based renewable diesel in Lappeenranta	50	Transport biofuels
 DNB		Jädraås wind farm outside Gävle	61	Onshore wind power
 NCC		Energy-efficient office buildings in Finland and Sweden	57	Energy efficiency in buildings
 SKANSKA		Green office buildings	100	Energy efficiency in buildings

NIB Green to Scale project examples in the Baltics

Customer	Country	Project	Loan amount [mEUR]	Green to Scale category
 Regionaalhaigla		Modernization and expansion of a hospital campus in Tallinn	25	Solar power
 Tallinn		Renewal of the public transport service rolling stock in Tallinn, including the new trolleybuses and tram cars	18	Electric vehicles
 GOVERNMENT OF THE REPUBLIC OF LITHUANIA		Improvement of energy efficiency and renovation of public and residential buildings	100	Energy efficiency in buildings
 Fortum		Waste-fueled combined heat and power plant in Klaipeda	70	Combined heat and power
 CITY OF VILNIUS		Renovation of schools.	20	Energy efficiency in buildings
 GOVERNMENT OF THE REPUBLIC OF LITHUANIA		Increasing energy efficiency of public buildings and apartments	100	Energy efficiency in buildings
 Latvenergo		Modernization of generating capacity and energy efficiency investments in transmission networks	50	Energy efficiency in industry
 Latvenergo		Rehabilitation of the transmission network; modernization of the heat and power plant in Riga, and other energy efficiency projects	50	Energy efficiency in industry

Expanding the North Estonia Medical Centre

A EUR 24.5 million loan finances the modernisation one of Estonia's largest hospital

- Low-energy use
- Geothermal and solar power for heating

Energy efficiency in Lithuanian buildings

A EUR 100 million loan to the Republic of Lithuania finances energy efficiency and renovation programme for public and residential buildings



Waste-fueled CHP in Klaipeda

A EUR 69 million loan finances a combined heat and power plant in Klaipeda, Lithuania, that is fueled by municipal waste



Fortum



**BIOKURO IR ATLIEKŲ
TERMOFIKACINĖS JĖGAINĖS
NAUJA STATYBA
KRETAINIO G. 3, KLAIPĖDA**

STATYTOJAS: UAB "FORTUM KLAIPĖDA"	RANGOVAI: AB "PST" UAB "LITANA IR KO"	TECH. PRIEŽIŪRA: UAB "AF-CONSULT"
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DARBŲ PRADŽIA: 2011.02. DARBŲ PABAIGA: 2013.04



A new library for Helsinki

A EUR 27 million loan finances the construction of an energy efficient university library for Helsinki

An architectural rendering of modern office buildings at night. The scene features several multi-story buildings with illuminated windows and facades. A prominent building on the left has a dark facade with a grid of windows, some of which are brightly lit. To its right is a taller, more slender building with a glass facade. In the foreground, a large, open plaza with a fountain and many people walking is visible. The sky is a deep blue, suggesting dusk or dawn. The overall atmosphere is one of a vibrant, modern urban environment.

Five LEED Platinum certified office buildings in Poland

A USD 100 million loan to Skanska AB will finance the construction of five green office buildings in Warsaw and **Wrocław**

Energy efficiency at Tine's dairy plant in Bergen

A NOK 500 million loan to Tine SA
finances the construction of a new
energy efficient dairy



An aerial photograph of a large Lidl warehouse building. The roof is covered with a dense array of solar panels. A prominent Lidl logo is visible on a white pillar in the foreground. The building has large glass windows on the ground floor. The surrounding area includes a parking lot, trees, and a road.

Lidl Suomi's solar energy investments

A EUR 70 million loan will finance the construction of a new Lidl warehouse in Järvenpää with solar panels and investments in new stores



Public transport in Helsinki

A EUR 60 million long-term loan will enable Helsinki City Transport to purchase forty new energy efficient trams

Financing the green transition



- ▶ **Climate mitigation needs to take place in practice**
- ▶ **Long-term financing needed**
- ▶ **Plans and ambitions are a necessary**
but insufficient factor
- ▶ **Well-defined projects are required**

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