

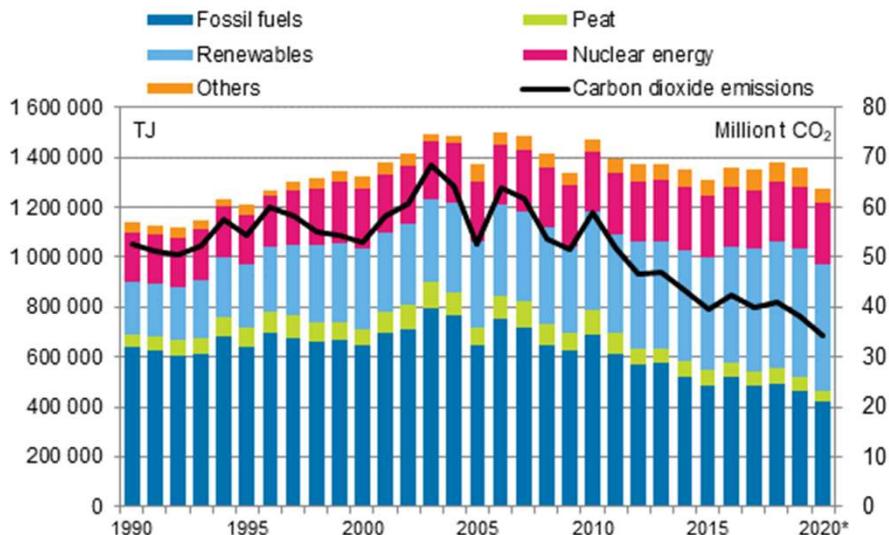
PÄIJÄT-HÄMEEN LIITTO  
The Regional Council of Päijät-Häme



# Innovation as the driver for an energy resilient Baltic Sea Region

Pekka Komu  
Chair of the Board of Päijät-Häme Region, Finland

# How resilient we are?



World ▾ Business ▾ Legal ▾ Markets ▾ More ▾



Energy

2 minute read · May 13, 2022 3:40 PM GMT+3 · Last Updated 9 months ago

## Finland prepared in case Russia cuts off gas, emergency committee says

By Anne Kauranen

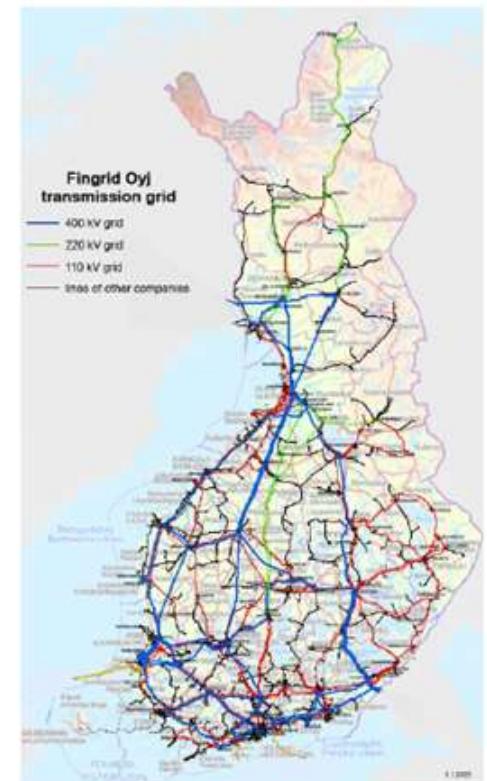
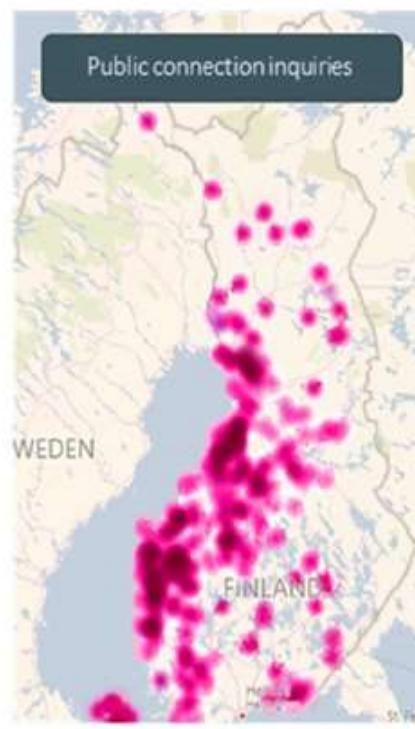
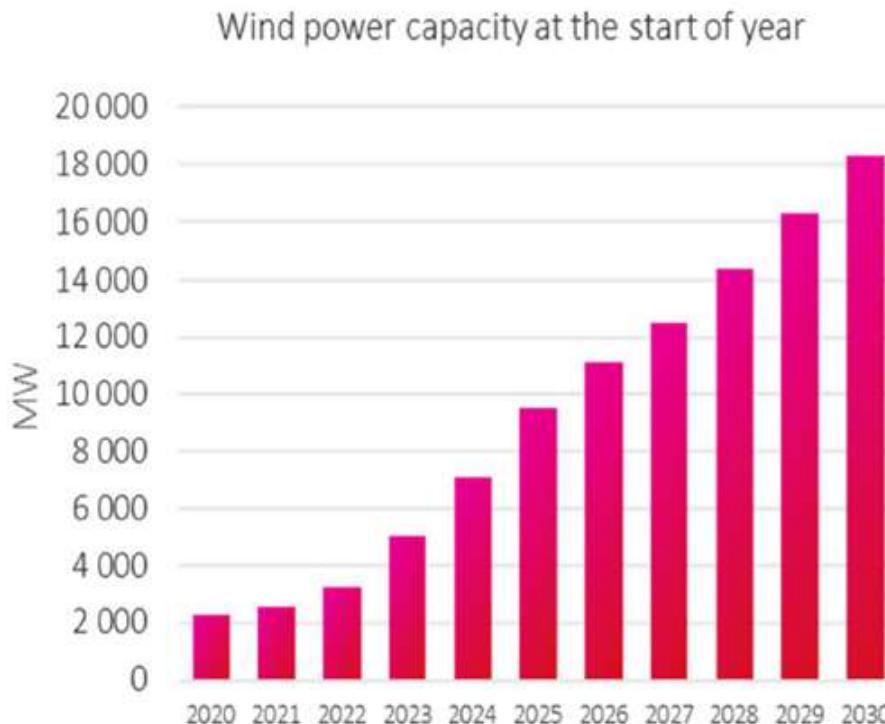
**Share of energy imported from Russia 34 per cent of total energy consumption in 2021**

Review 06/05/2022 | Energy supply and consumption 31.12.2021



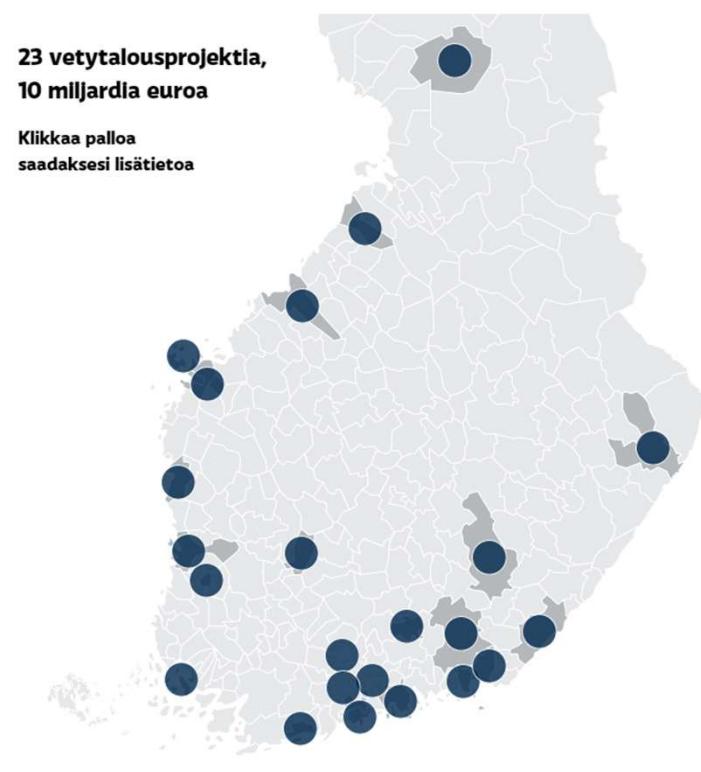
**PÄIJÄT-HÄMEEN LIITTO**  
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# WIND POWER CAPACITY GROWTH



[Fingrid grid map 2022](#)

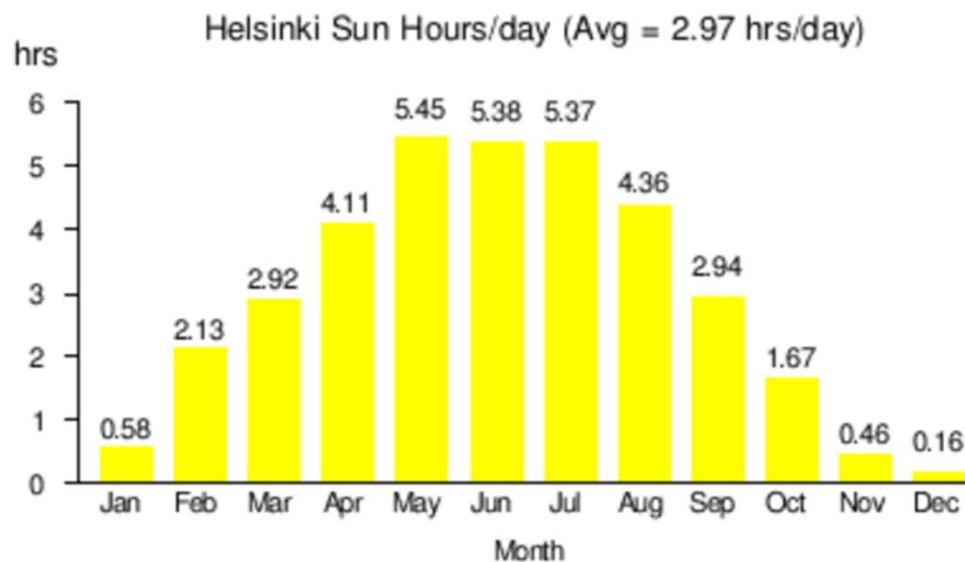
23 hydrogen plants under  
planning in Finland  
- value of 10 billion euros



Nuclear power plants in Finland



# Solar power in Finland



Source: NREL [6]



LUT University debunks three solar electricity myths

THEMES / 22 JUNE 2022





Finland active in building  
**battery ecosystem**

BUSINESS  
**FINLAND**

# SUSTAINABLE CIRCULAR BATTERY BUSINESS

FINLAND

## SAMPLE OF COMPANIES

Terrafame

FINNISH  
MINERALS  
GROUP

BEOWULF  
MINING

LATITUDE COBALT

FINNCOBALT

KELIBER

fortum

Critical Metals

Neometals

Akkukierrätyks Pb Oy

AKKUSER  
Suomen Autokierrätyks

TRACEGROW

MERUS POWER

WÄRTSILÄ

fortum

HELEN

BUSINESS  
FINLAND

<https://www.businessfinland.fi/en/for-finland-customers/services/programs/batteries-from-finland/>

Primary  
materials

Materials

Recycling

Batteries  
and cells

Reuse

Applications

Research  
and Society

GTk  
VTT  
A!  
University of Oulu  
Centria  
University of Applied Sciences  
Business Tampere  
NIB  
University of Vaasa  
Tampere University  
Kokkola Industrial Park

cursor

Energy

Vaasa

tukes

FINNVERA

SANDVIK

WÄRTSILÄ

SIEMENS

VIRTA

Danfoss

ABB

ENSTO

KALMAR

VALMET AUTOMOTIVE

Linkker

Intelligent eMobility

MKi

AKKURATE

NOKIA

fortum

veo

PIUGIT

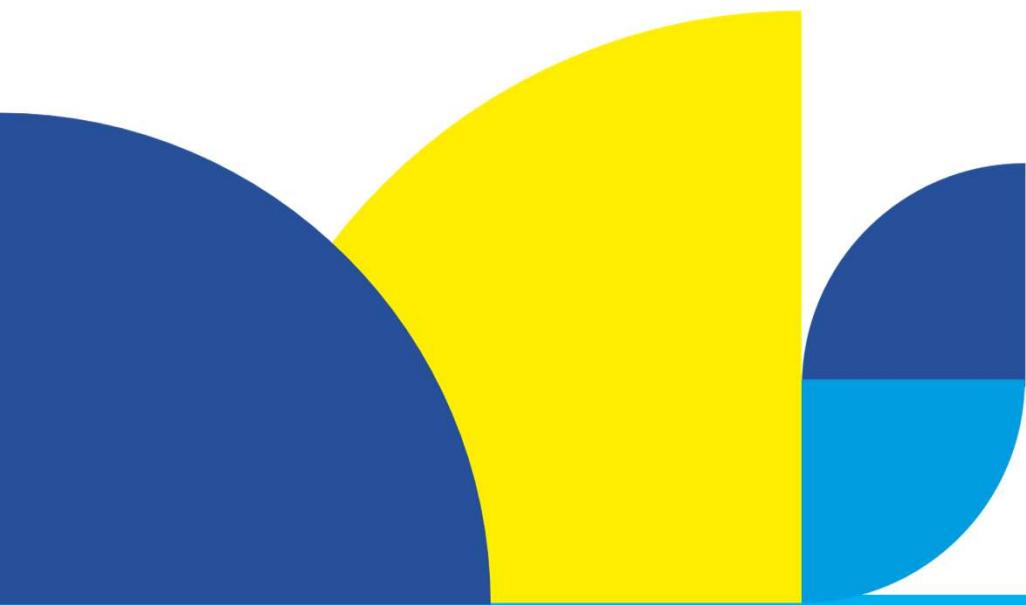
16.11.2022  
8  
BUSINESS  
FINLAND

# Two examples from Päijät-Häme

- Nordic Ren-Gas hydrogen power plant
- Isku furniture factory's solar panel field



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# Kiitos!



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