

# What's up, Finnish wind power?

4.10.2023 Wind Finland

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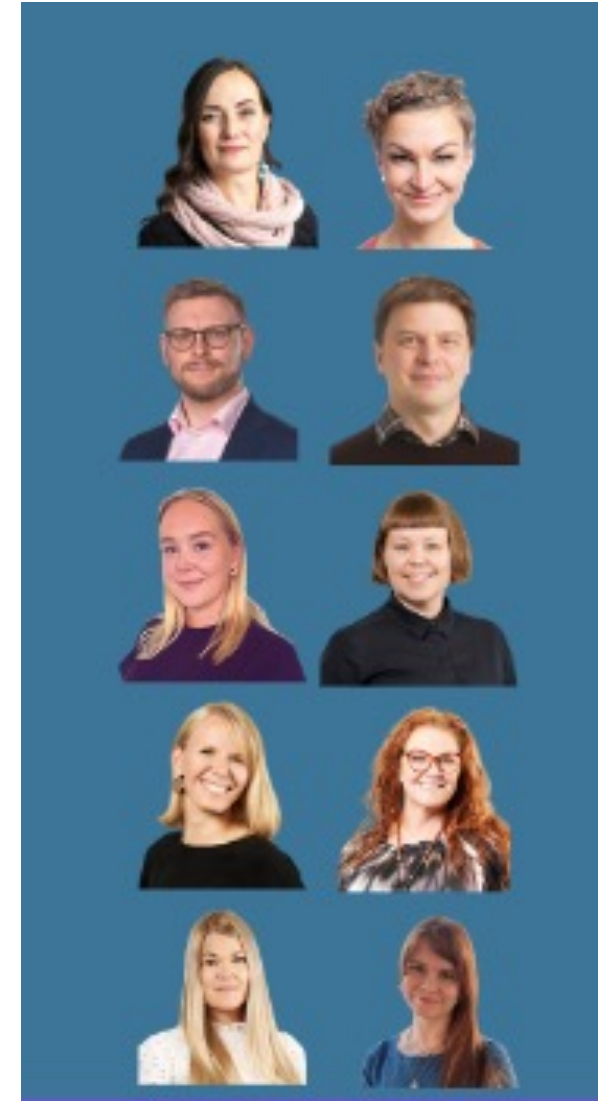
# Finnish Wind Power Association (FWPA)



Suomen  
Tuulivoimayhdistys

- Leading industry association for wind power
- Established in 1988
- 240 company members, app. 160 private members
- Wide range of companies related to wind power
- **10 employees**
- 10 board members, including energy companies like Helen
- HQ in Jyväskylä, **office also in Helsinki**
- Spreads the word about the wind power, active participant in public and political discussion, publishes magazine, organizes seminars and courses

**[www.tuulivoimayhdistys.fi](http://www.tuulivoimayhdistys.fi), [www.fwpa.fi](http://www.fwpa.fi),  
[www.windfinland.fi](http://www.windfinland.fi), [www.tuulivoimalehti.fi](http://www.tuulivoimalehti.fi)**



# Finnish wind power – Counting up



Suomen  
Tuulivoimayhdistys



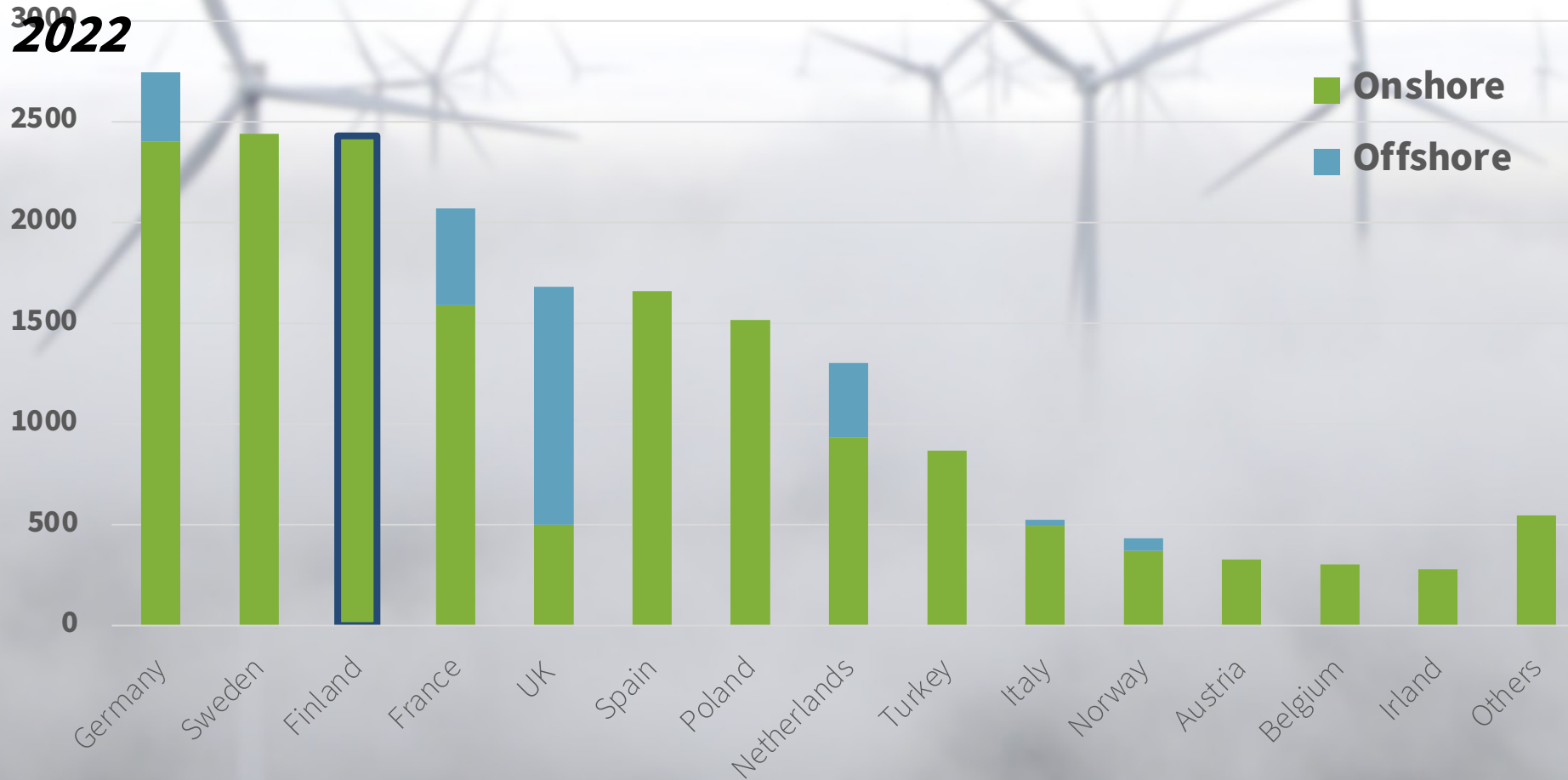
**1508 WTG**

**6,4 GW**

# Record-breaking years 2022 (& 2023)

## ***New wind power capacity in Europe in***

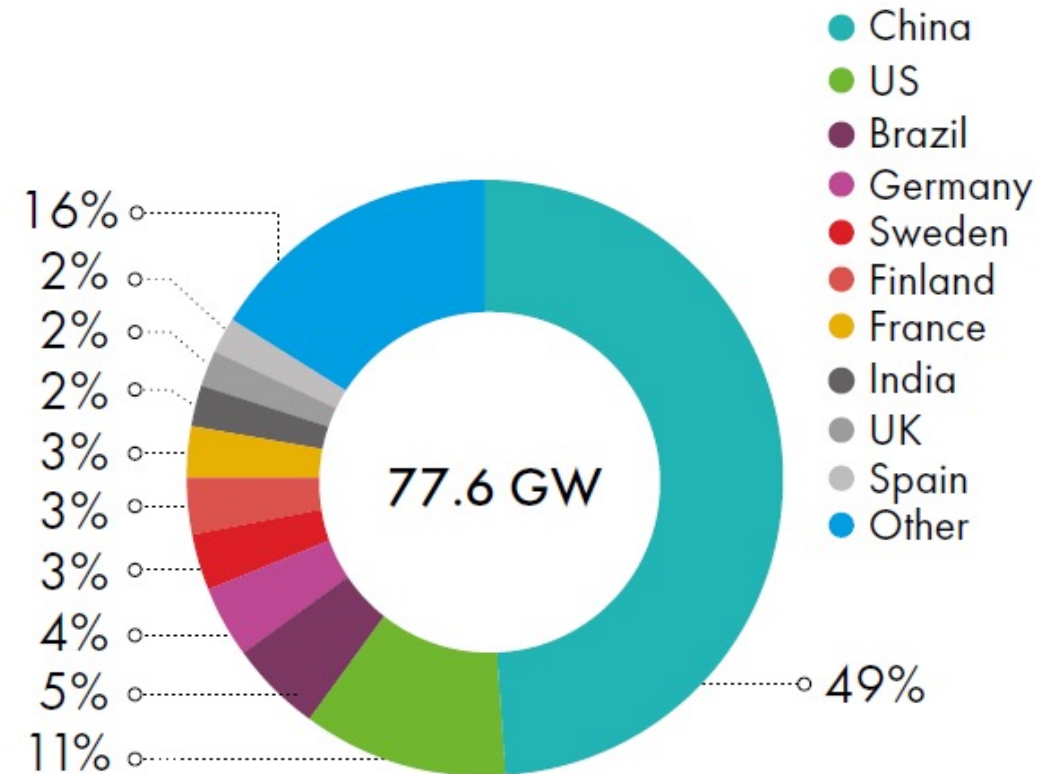
**2022**



# Finland ranked also in global statistics last year

- China 37,6 GW
- US 8,6 GW
- Brazil 4,1 GW
- Germany 2,75 GW
- Sweden 2,44 GW
- **Finland 2,43 GW**
- France 2 GW

New wind power capacity in 2022 and share of top 10 markets (%)



Source: GWEC, 2023

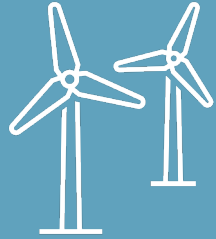
# What follows after 2024?



# The investment decisions we have spotted

**10-12/2023**

943 MW / 151

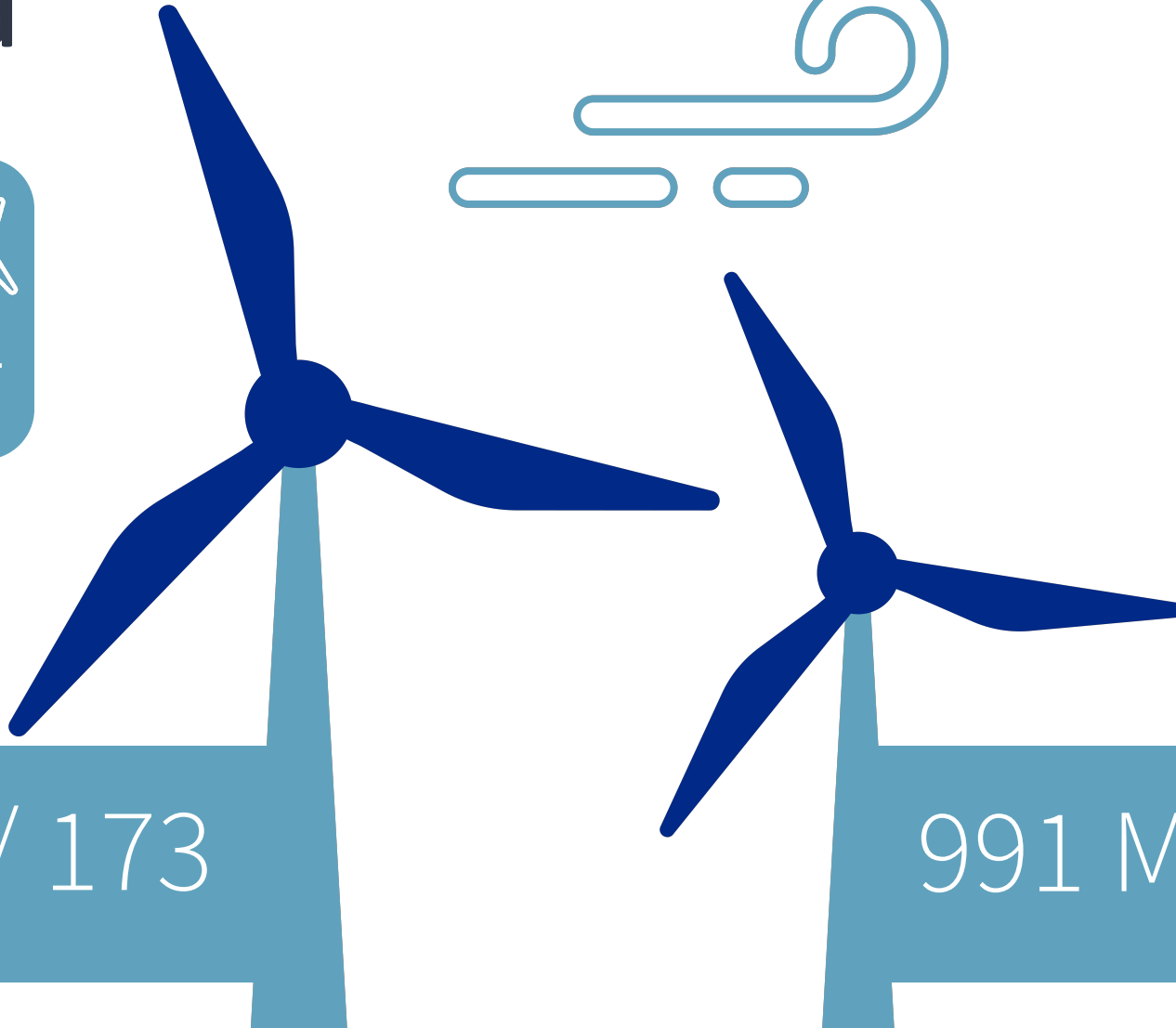


1 188 MW / 173

2024

991 MW / 150

2025

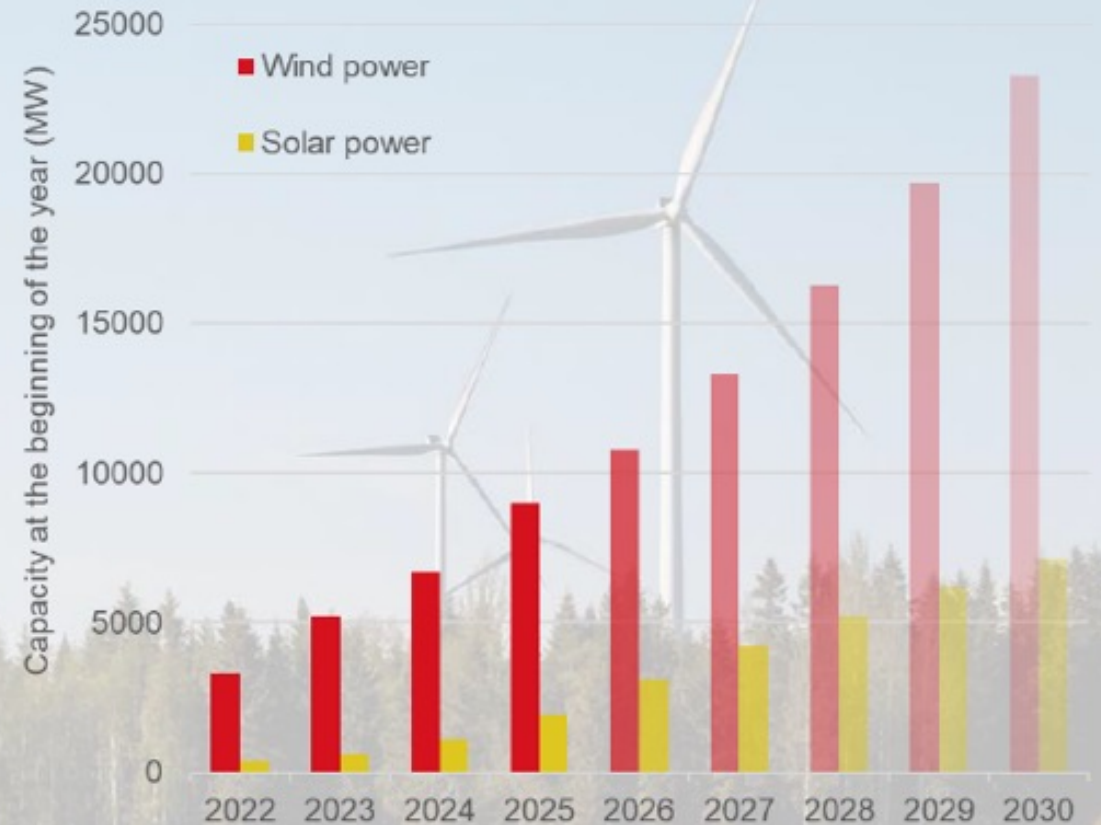


# How to unlock the huge potential that is just around the corner?

**Fingrid:  
23GW 2030**

**vs.  
6,4GW today**

### Expected wind and solar power capacity



**FINGRID**

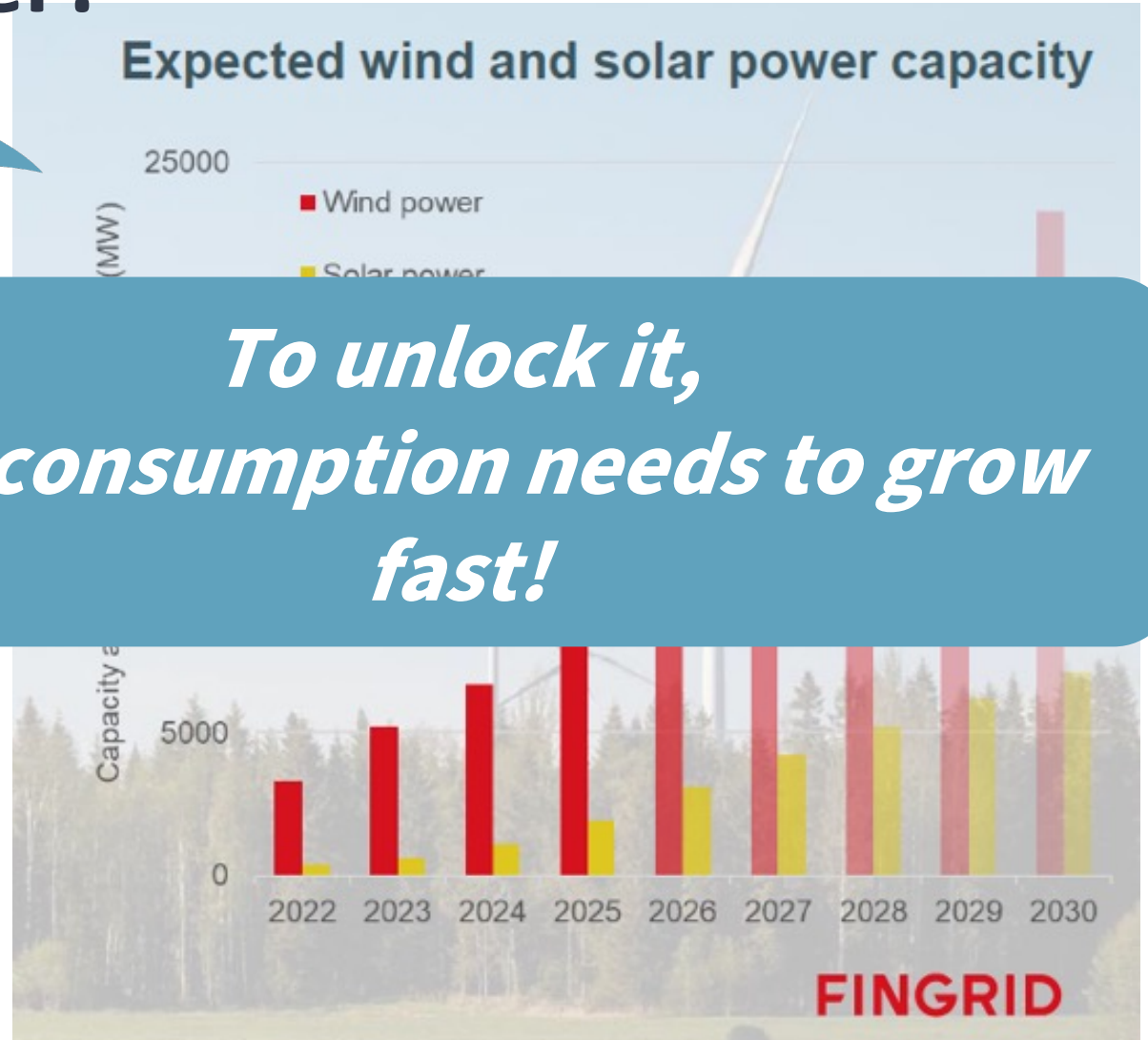


# How to unlock the huge potential that is just around the corner?

**Fingrid:  
23GW 2030**

**vs.  
6,4GW today**

*To unlock it,  
the consumption needs to grow  
fast!*



# Huge growth in the project pipeline

## *Projects 12/2022*

Onshore 12/2022

~ 50 GW

300 projects

Offshore 12/2022

~ 33 GW

15 projects

## *Projects 5/2023*

Onshore 5/2023

~ 63 GW

380 projects

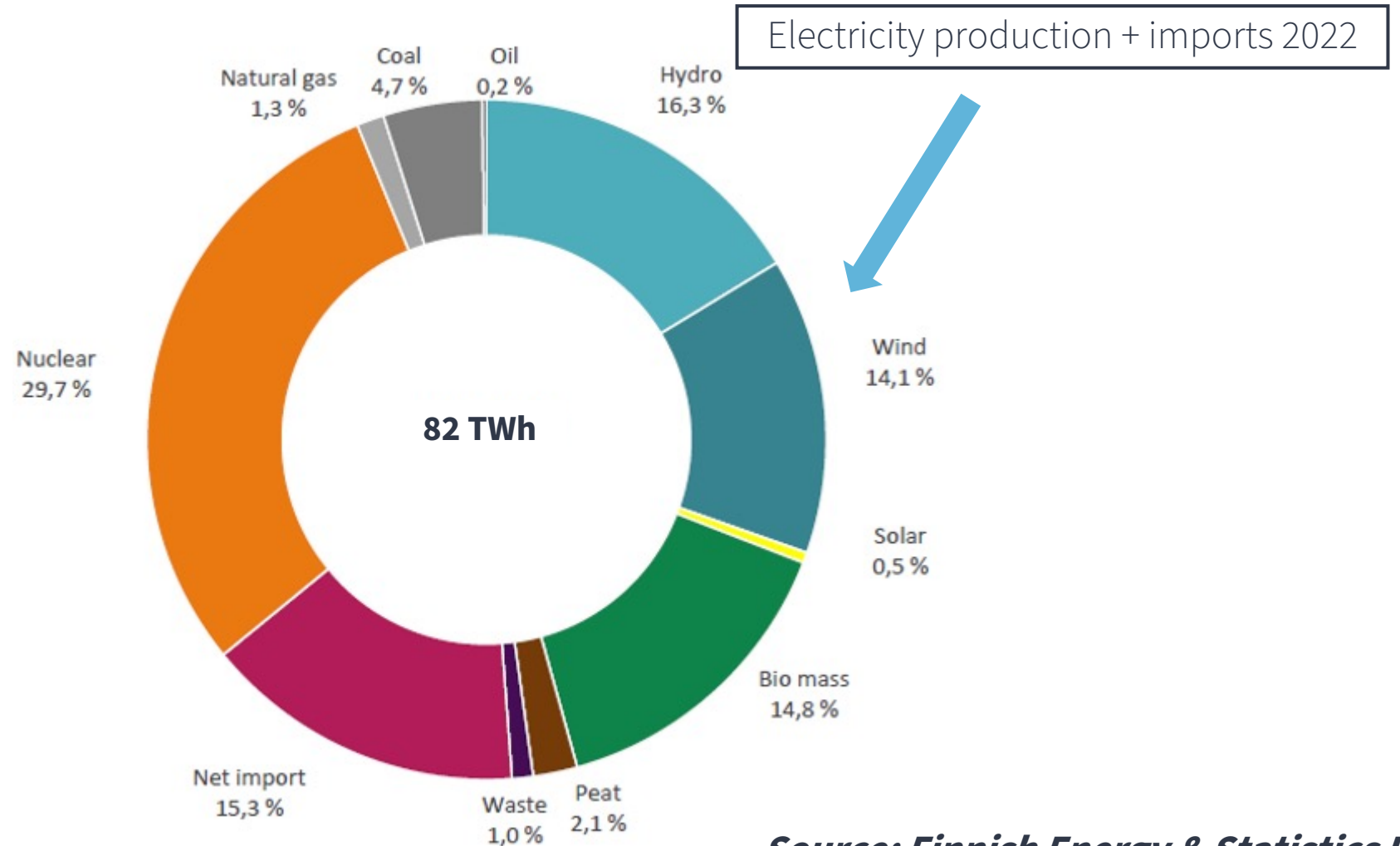
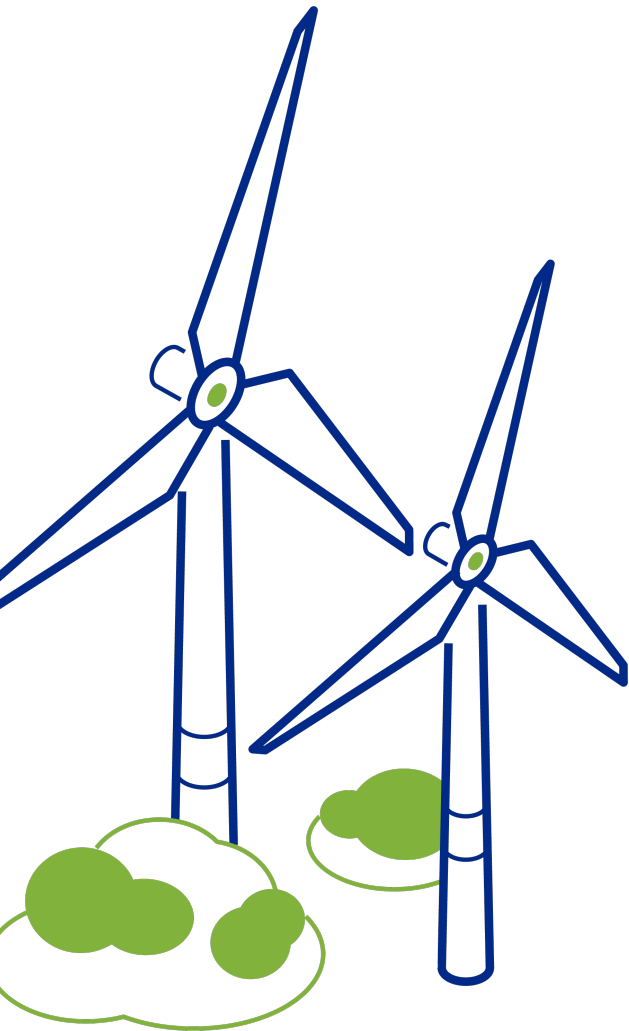
Offshore 5/2023 \*

~ 58 GW

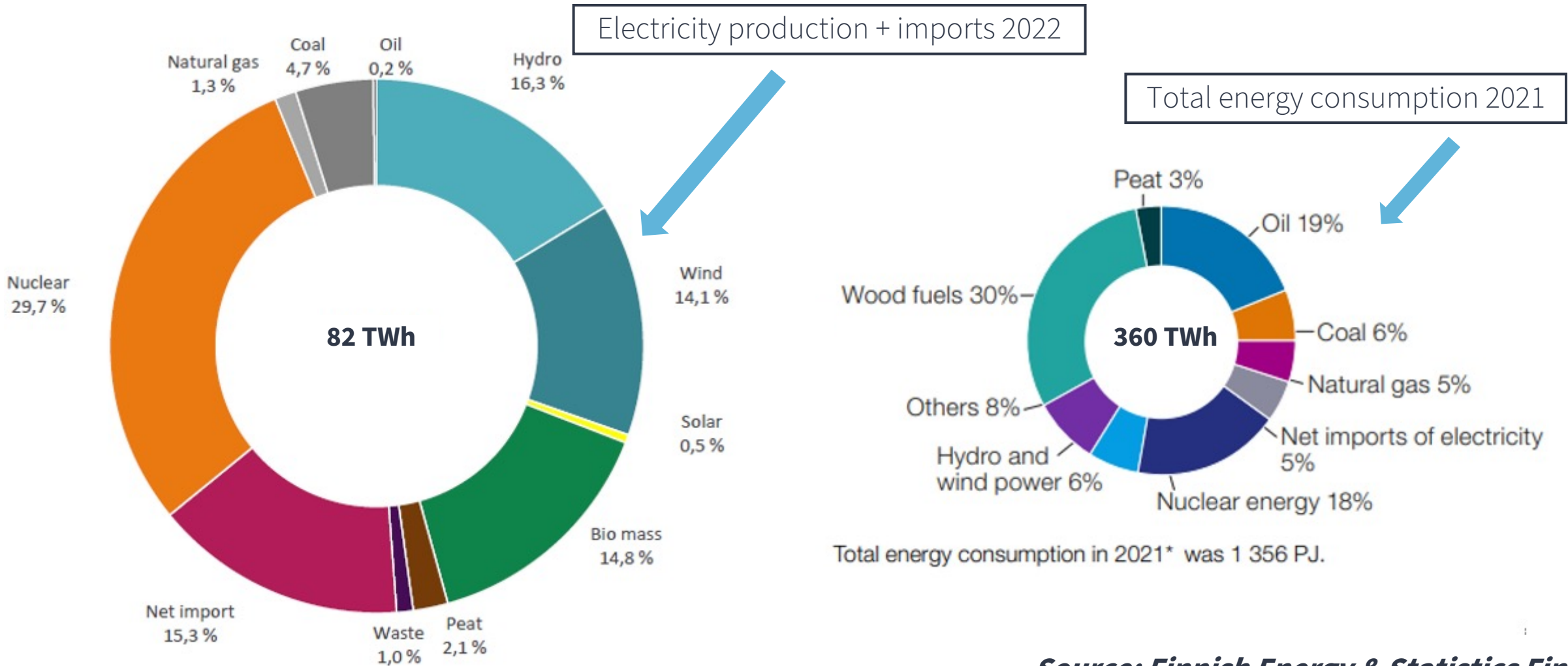
32 projects

\* Note! During the summer 2023, several study permits were granted to EEZ – these are not included.

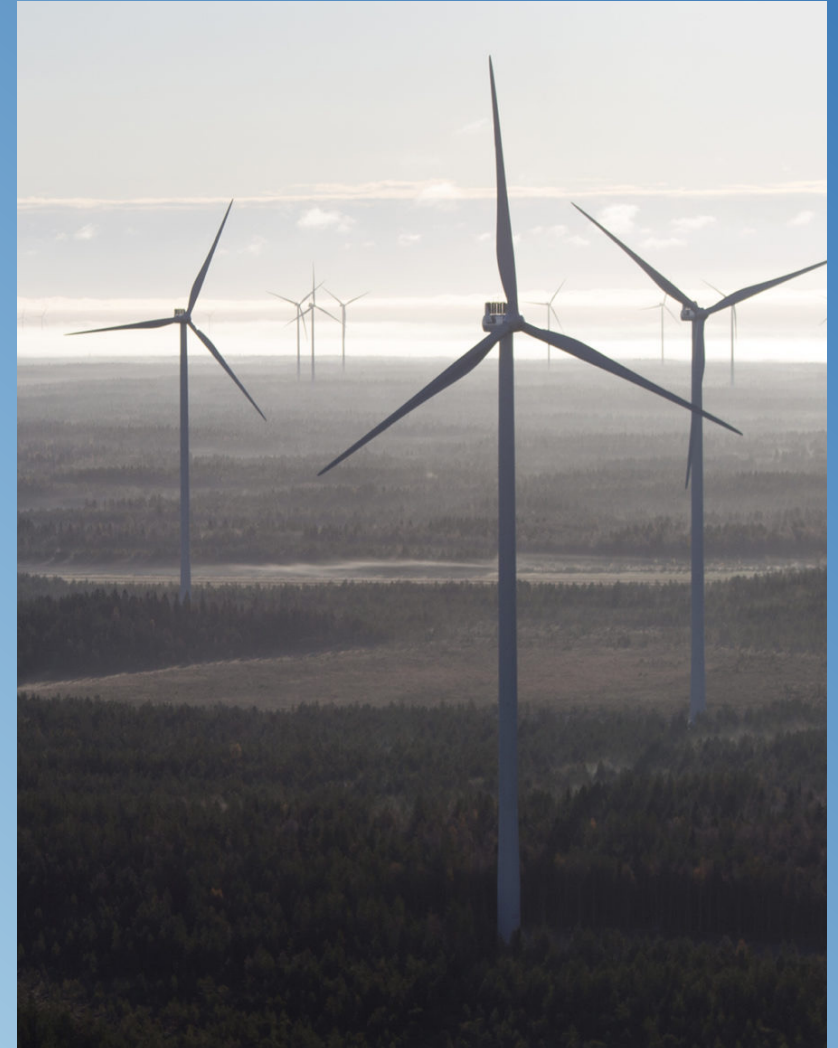
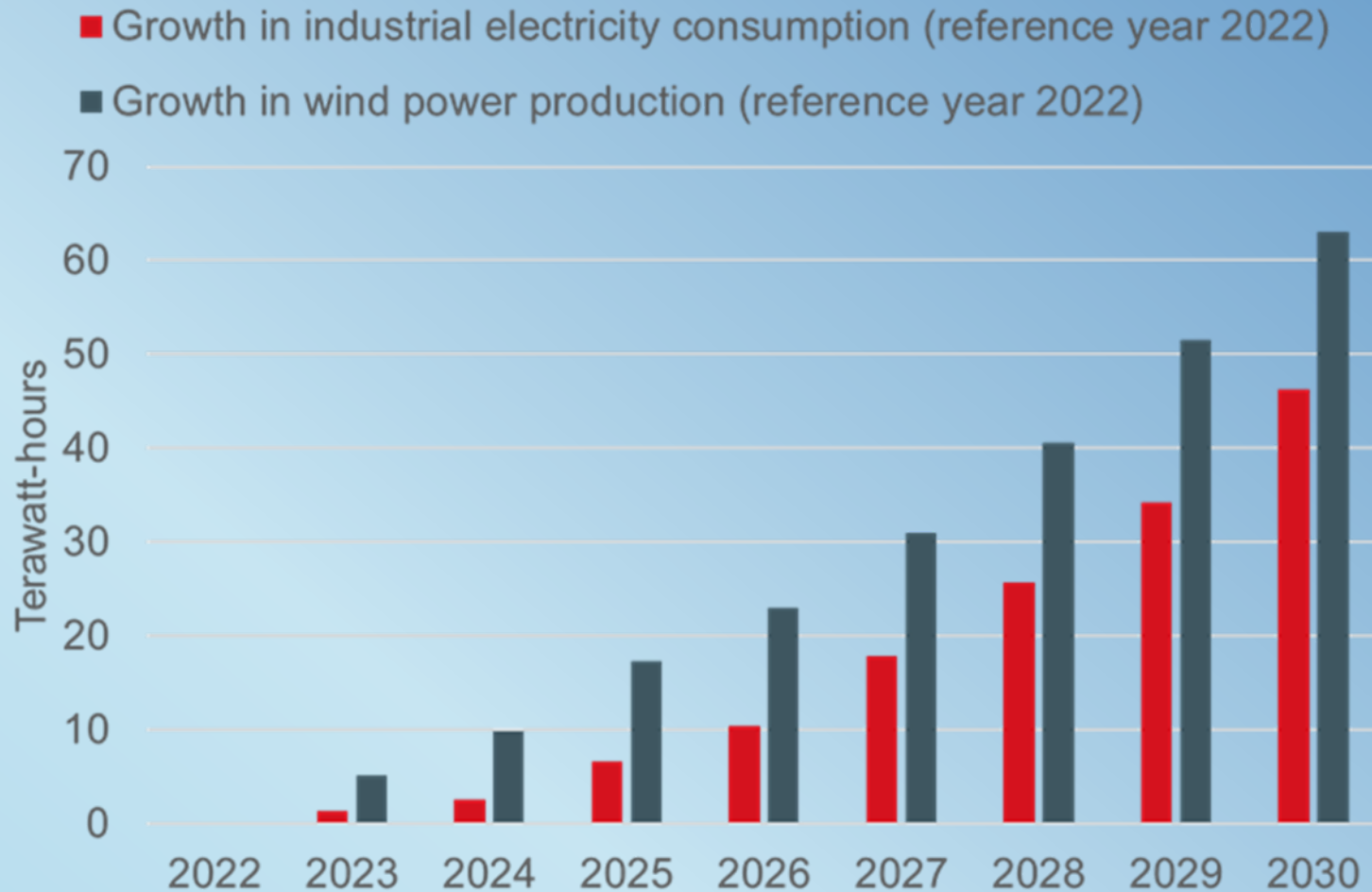
# The role of electricity will grow



# The role of electricity will grow



# There is a huge need for clean electricity in Finland



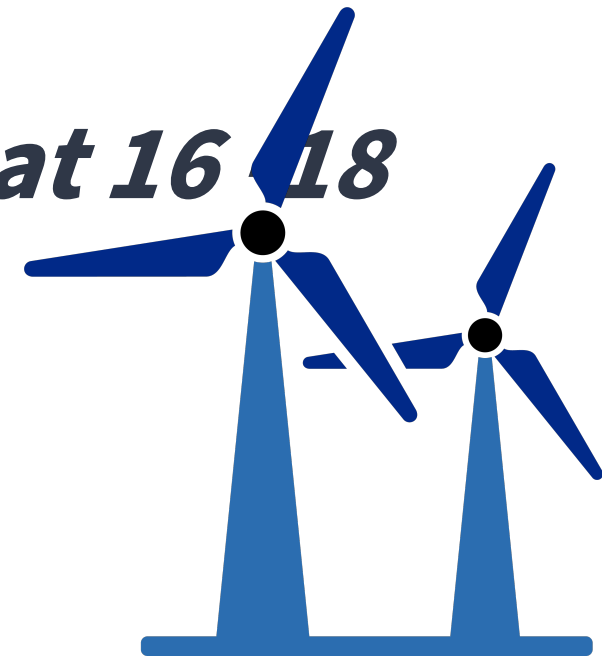
*Source: Fingrid*

# Do we have enough people working in wind?

- ***The industry needs new skill!***
- ***Meet potential young talents here today during***

***the Wind Finland recruitment event at 16-18***  
***Speed-dating***

***at FWPA stand at 17.30-18***



# New activities of FWPA

- Highlighting the production phase of wind power
  - ***Committee for Producers***
  - ***TCM emphasis on Technical Task Force***
- WG Sustainability
- Forums to discuss specific topics
  - ***Cyber security***
  - ***Pressure equipment***
- Updates on the achievements in advocacy



# WIND

**WIND FINLAND**

OULU 2024

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**1 FEB. 2024**

TULLISALI, OULU

# WIND

**WIND FINLAND**

OFFSHORE 2024

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**14 MAY. 2024**

PIKKU-FINLANDIA, HELSINKI

[www.windfinland.fi](http://www.windfinland.fi)