

WIND ENERGY IN THE INNOVATION FUND

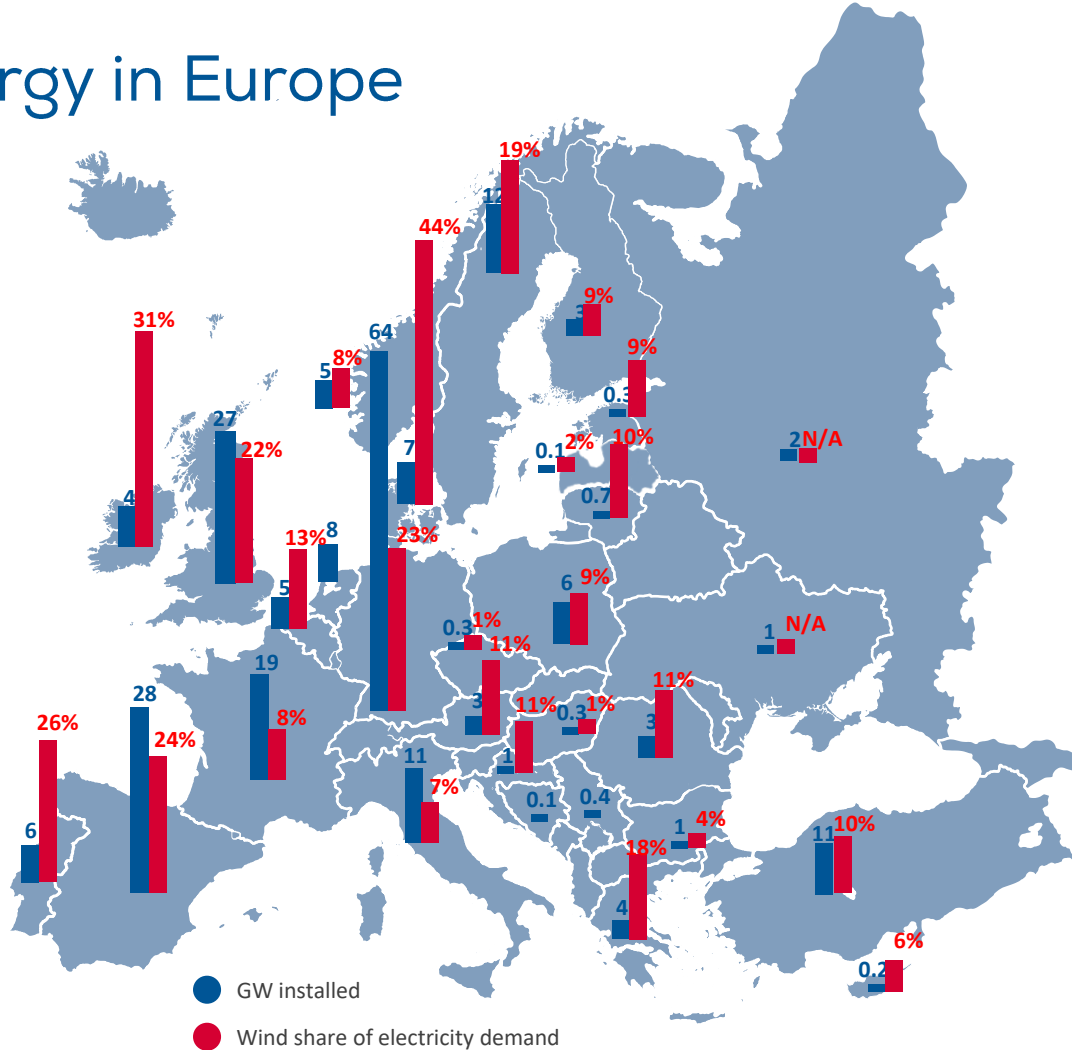
Iván Pineda

Director of Innovation.

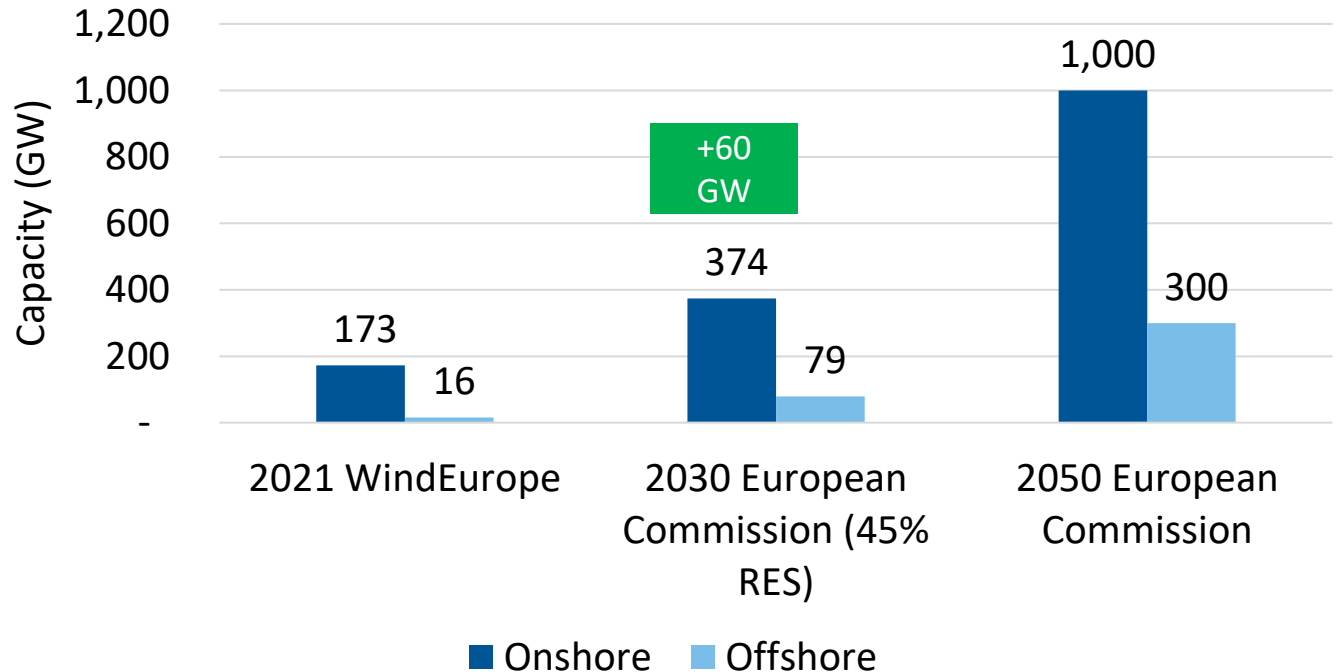
Wind energy in Europe

236
GW

15%
of Europe's
electricity demand



Huge increase in wind capacity coming



Permitting is complicated



A European industry

Major wind turbine manufacturers' share of global market (2017-2019)

43%



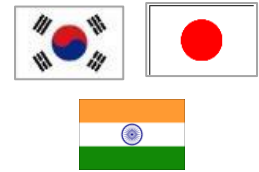
29%



11%



16%



GE Renewable Energy

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Source: WoodMac for WindEurope, 2020

Can we procure more wind materials or components from within Europe?

1. Availability
2. Quality
3. Cost

Example 1: production of grain-oriented steel used in gearboxes / cables cannot satisfy the demand of all EU industrial sectors.

Example 2: permanent magnets manufactured in Europe. Today it's 0% today. Buying EU-produced permanent magnets has higher cost premium that the EU market needs to absorb

Investments in ports



€8.5bn
by
2030



Wind[°]
EUROPE

windeurope.org



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