Energy transition pathway in Balearic Islands

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Balearic energy background

GOVERN ILLES BALEARS

Data electricity demand (2021):

5.527 GWh

5,4 % Renewables

63 % Combined cycle

16 % Link to península

A fragmented electric system

Balearic roadmap to 2050 or before

GOVERN ILLES BALEARS

Energy and Climate Change Law 2019 and review

2030	2050
35% renewables	100% renewables
26% efficiency	40% efficiency
-40% emissions	-90% emissions

Energy and Climate Change Plan (Work in progress)

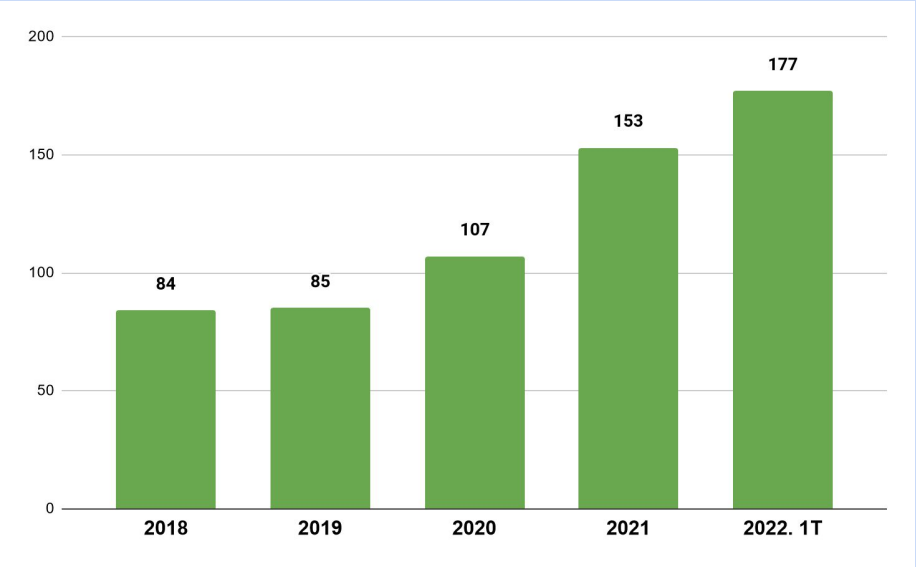
Next Gen Funds:

230 M€ for Energy Transition in the Balearic Islands

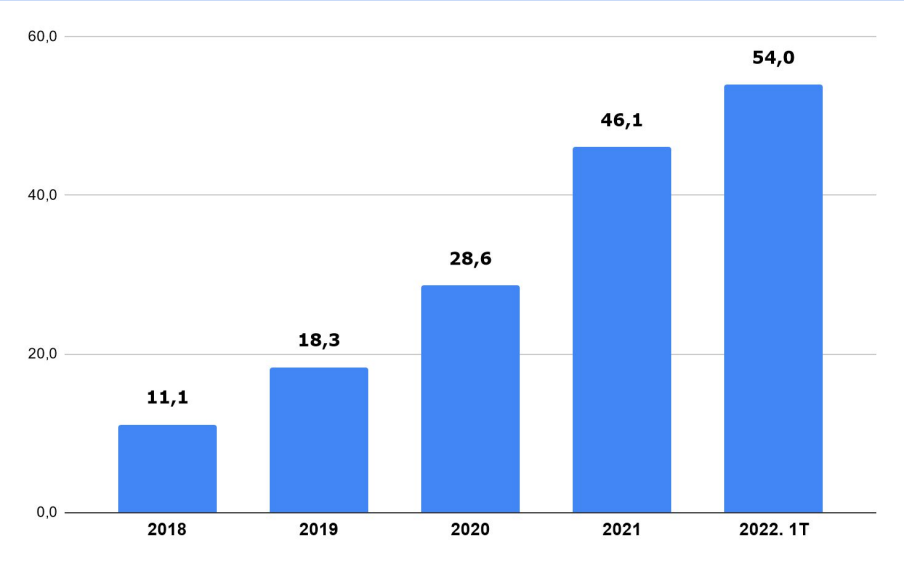
NextGenerationEU

Evolution of the energy transition

Renewable power installed (MW)



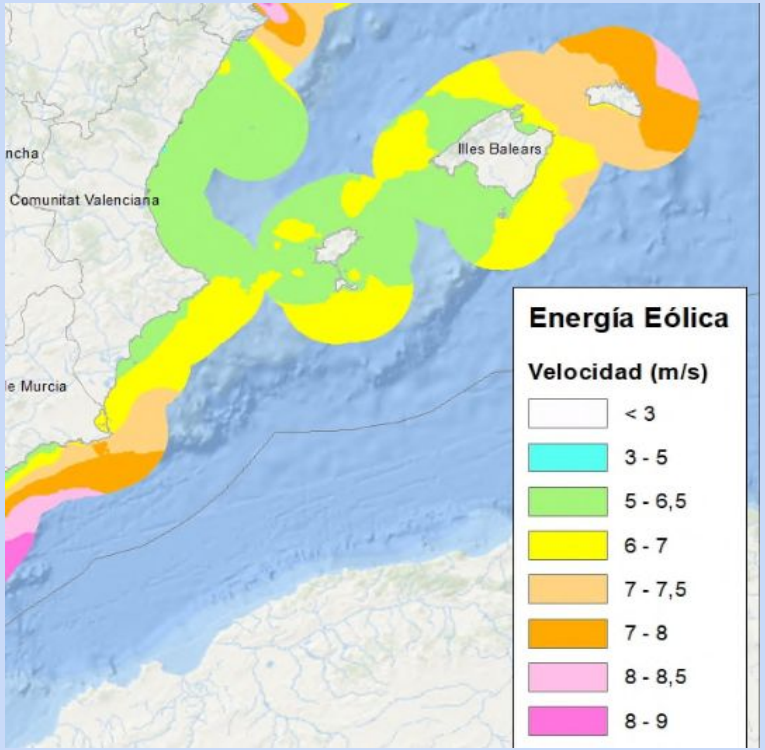
Self consumption (MW)



❗ Only 4 MW of wind power

Looking into the sea

Wind power map

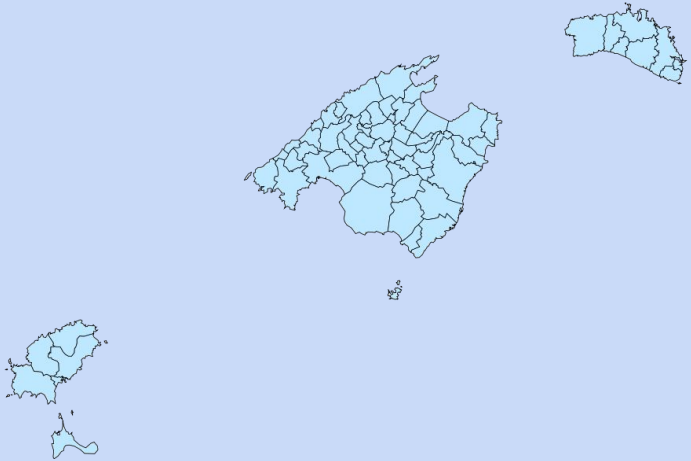


Off shore wind power to:

- diversify the energy mix
- do not occupy land
- achieve energy sovereignty

Renewables at ports

Illes Balears: 38 Ports



Spare energy

Self Consumption

Firsts projects developing…

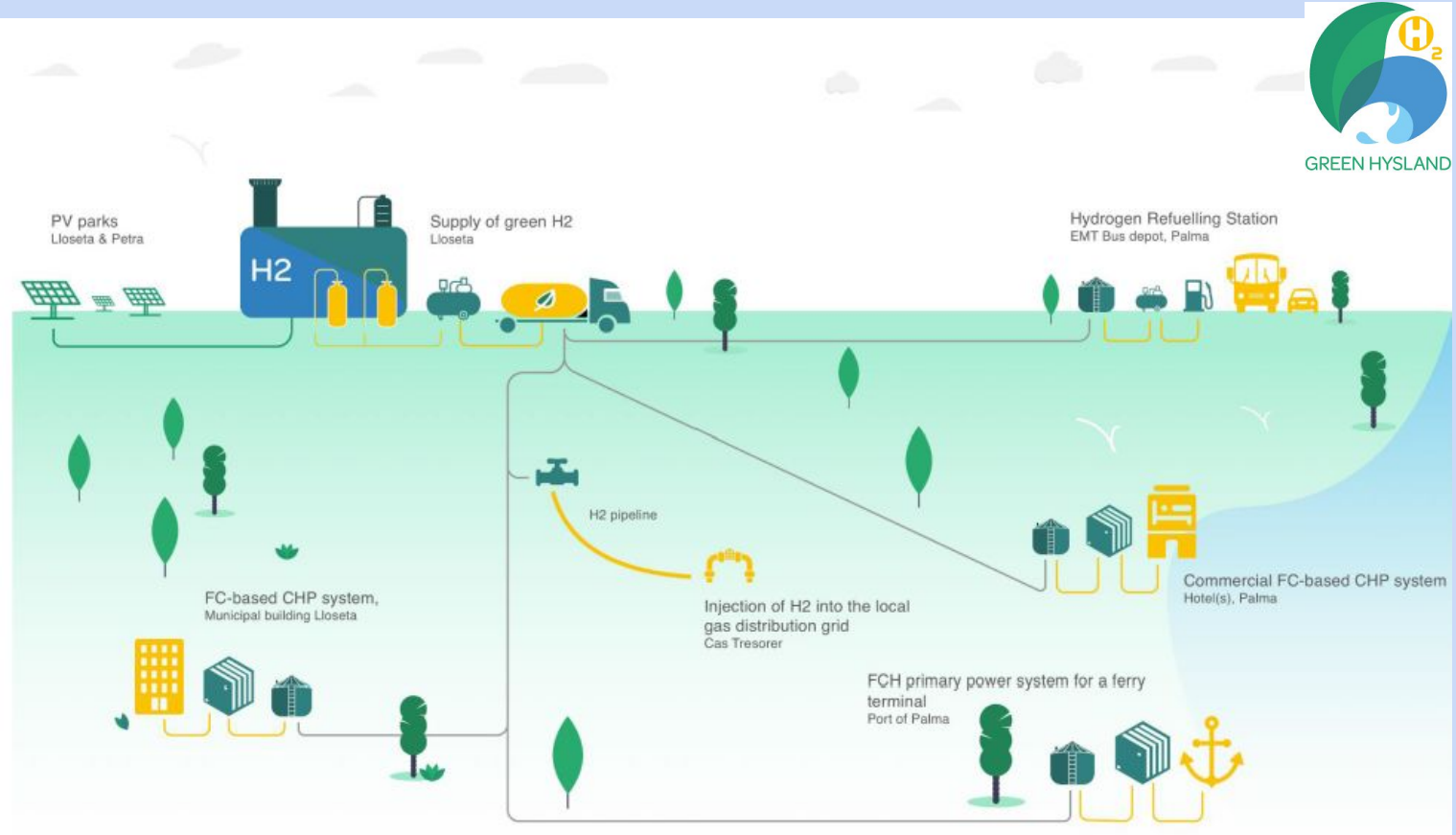
Balearic Institute for Energy

The public energy company, as a catalyser for:

institut balear de l'energia

- Energy democratisation
- Deployment of renewables in urban areas
- Electric mobility
- Innovation

Innovation in energy transition: Green Hysland Project



Thank you for your attention!