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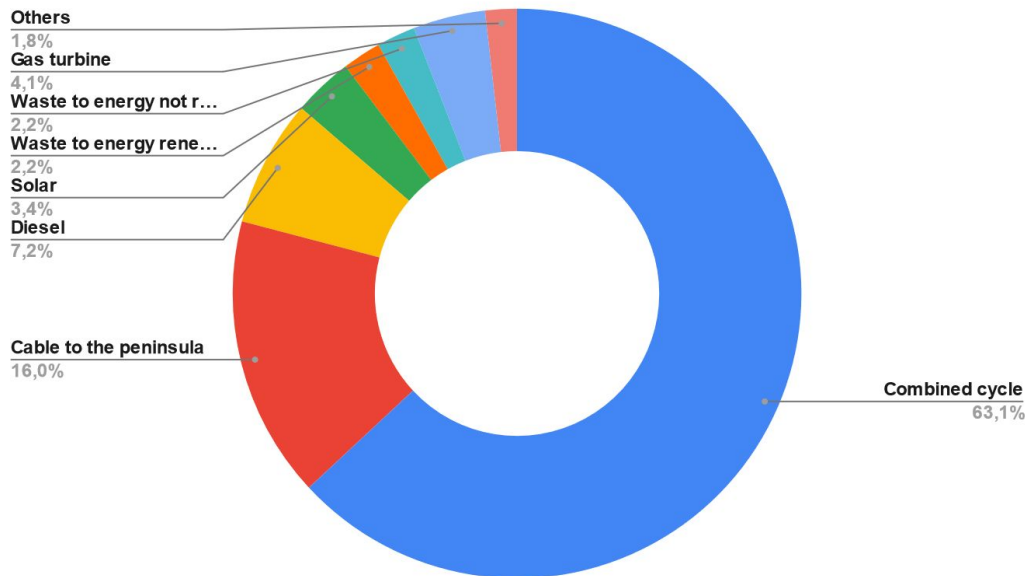
Energy transition in the Balearic Islands

How to achieve energy sovereignty through local
engagement and innovative solutions

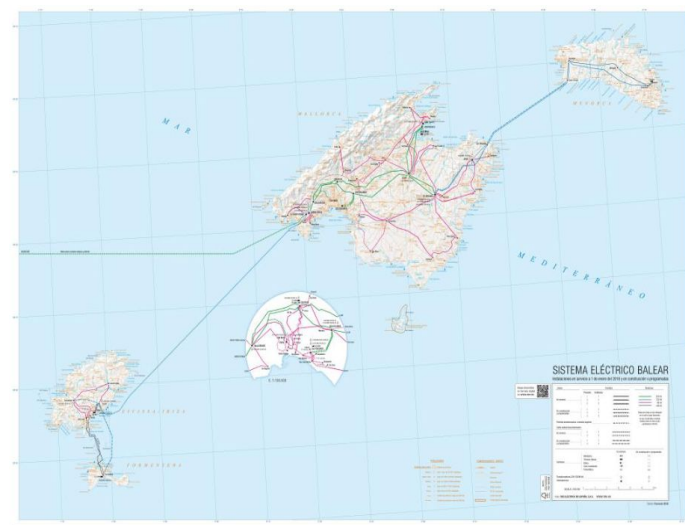
Pep Malagrava, DG Energy and Climate Change
Government of the Balearic Islands

Energy background

Electricity demand coverage (2021)



A fragmented electrical system



Roadmap to 2050... or before

Balearic Law on Climate Change and Energy Transition

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



Funds Next Gen EU:

233 M€ of the Investment Plan for the Energy Transition of the Balearic Islands

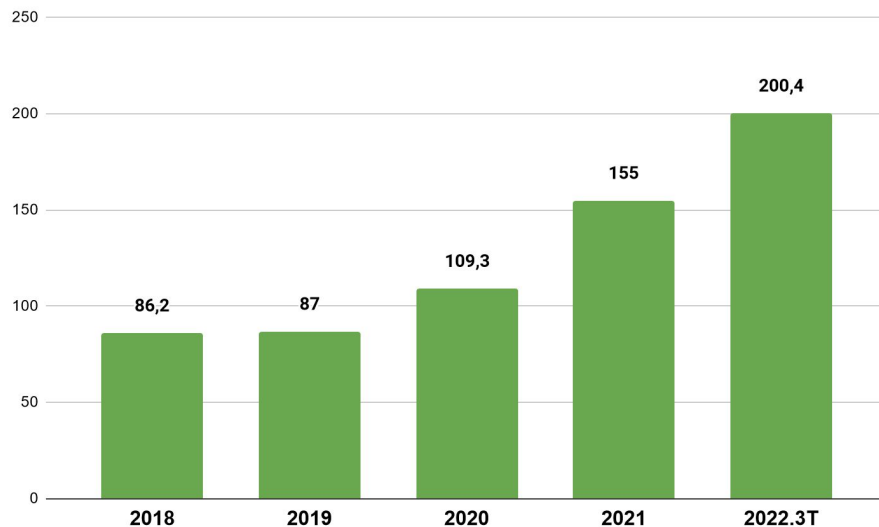
Energy Transition and Climate Change Plan (in development)



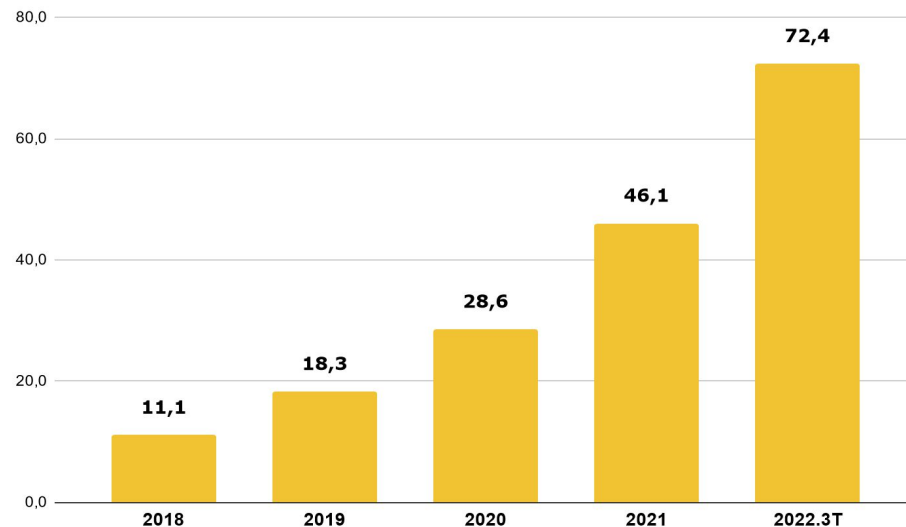
Five-year objectives by sectors and islands

Evolution of energy transition

Renewable power evolution (2018-2022)



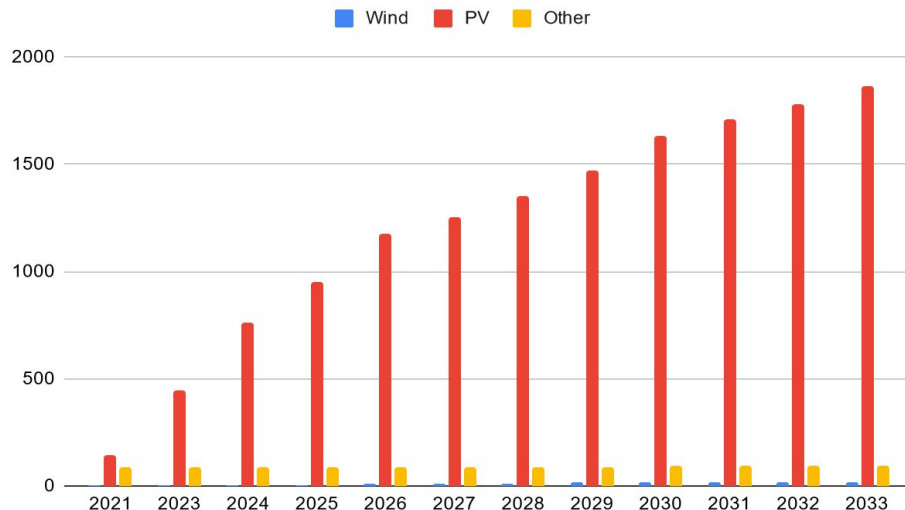
Self-consumption evolution (2018-2022)



Our roadmap: Energy Transition and Climate Change Plan

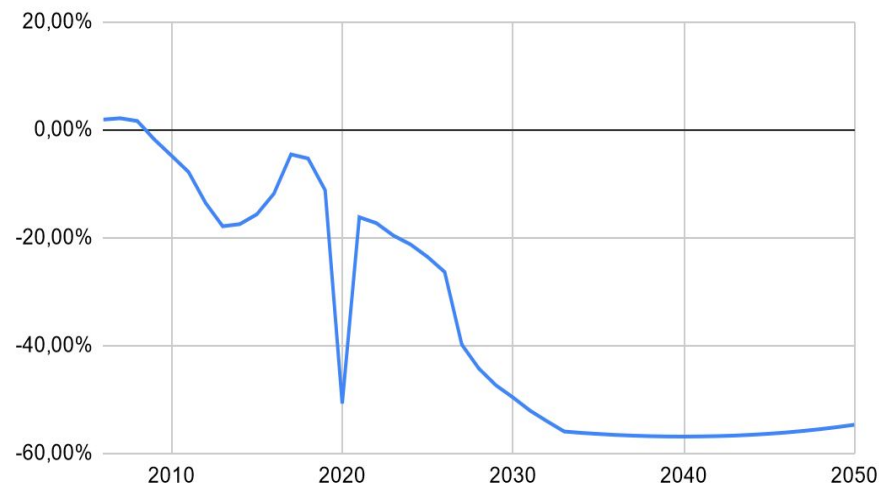
Reach 2.000 MW in 2033

Renewables power (MW)



Reduce 50% our consumption in 2030

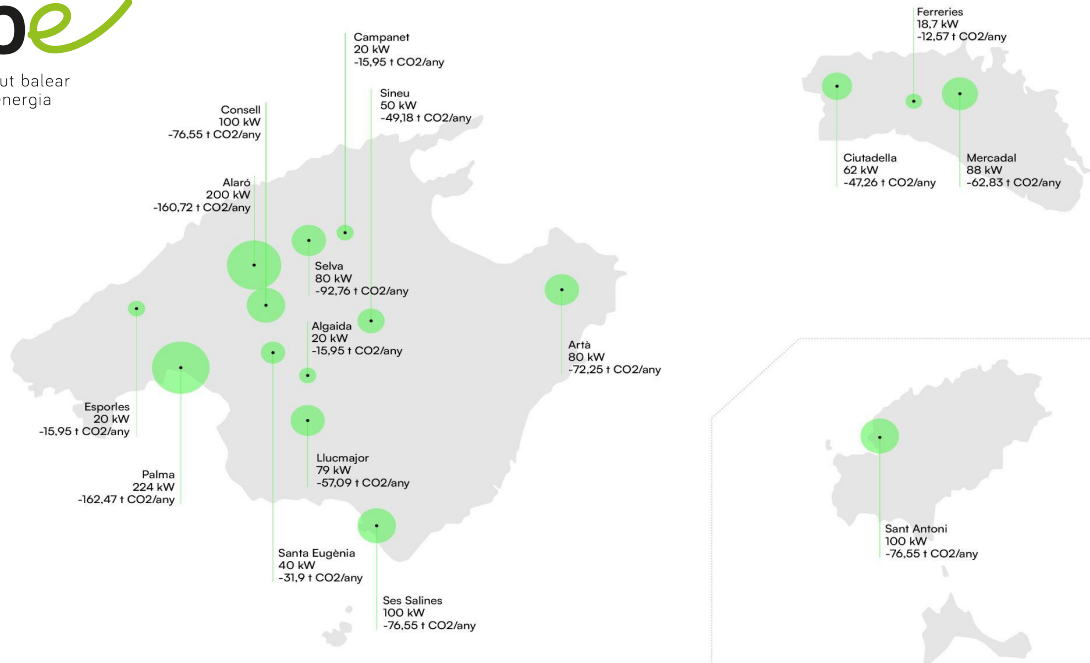
Energy consumption





Local engagement: public self-consumption projects

Balearic Institut of Energy: public company for energy democratization, to boost renewables in urban areas and to execute innovative and social projects



- +45 projects in development
- 2,7 MWp to share energy
- +1500 houses, prioritizing vulnerables
- +250 Small and Medium Enterprise (SME)

Local engagement: tools to democratize energy

Obligation of local participation in solar parks



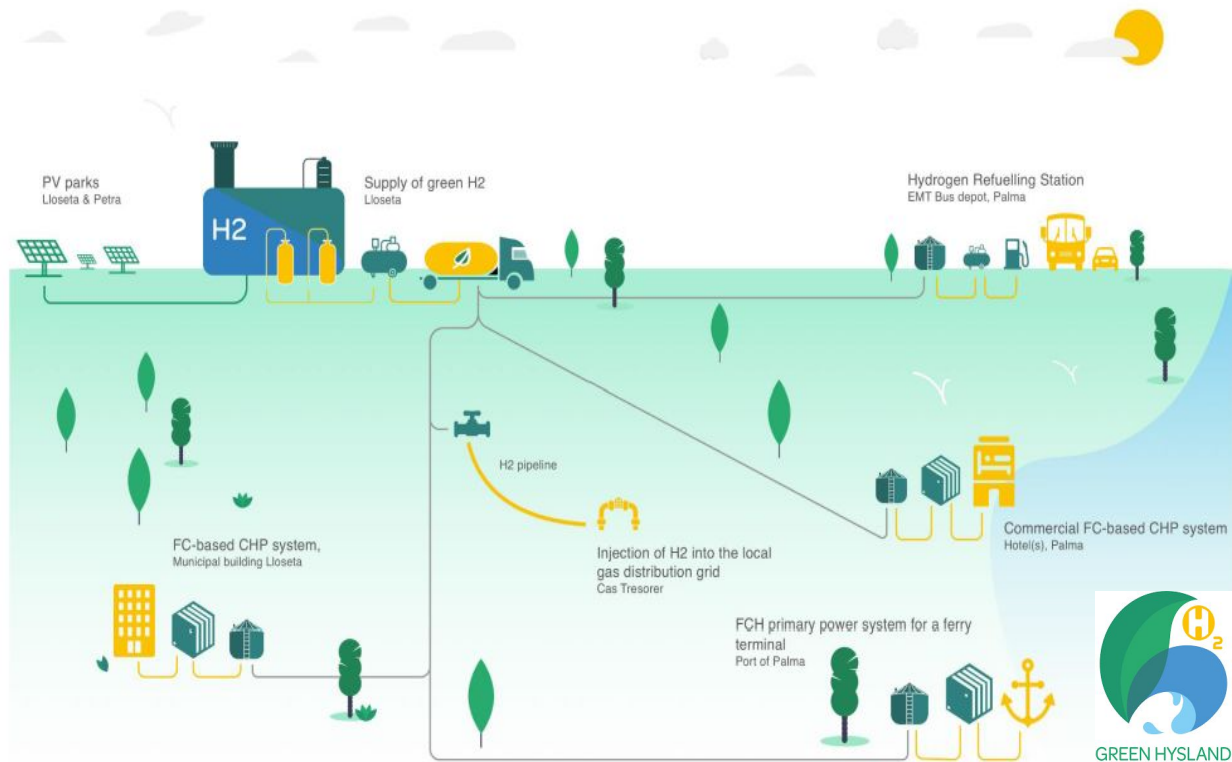
20% must be open for local people

Energy communities



Financial and technical support

Innovative solutions: Green Hydrogen

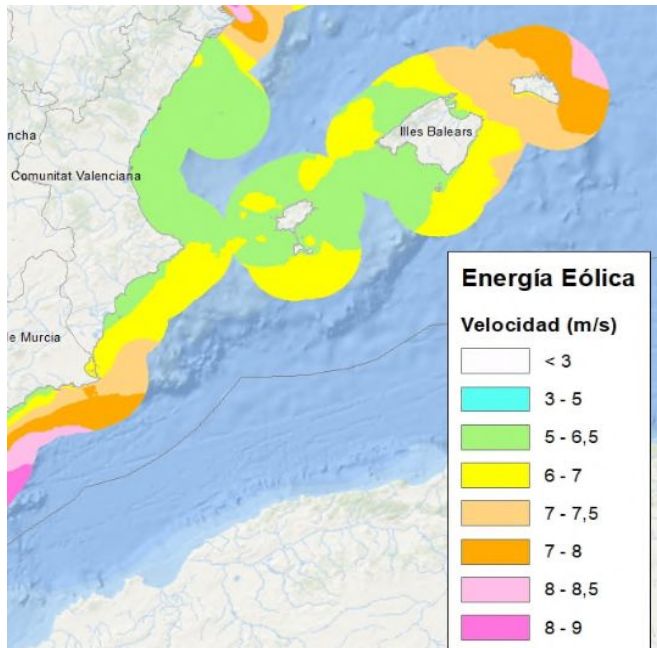


First territory in southern Europe to produce green hydrogen for:

- Public transport
- Ferry Terminal
- Energy storage
- Heating
- Injection in the local distribution

Innovative solutions: off-shore wind and wave energy

Wind to diversify our energetic mix



Wave energy to take advantage of our ports





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Thank you for your attention!



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Government of the Balearic Islands