



European
Commission



GRIDS AND THE EU ISLANDS INITIATIVE

Megan Richards
Director for Energy Policy
European Commission – DG ENERGY



CLEAN ENERGY TRANSITION FOR EU ISLANDS



2 700 islands in the EU



Population of 15 million Europeans

COMMON OBSTACLES

- Net importers of energy
- Poorly connected to the "mainland" and heavily dependent on a single supplier
- Compensation of these high cost: over 3 billion EURO annually

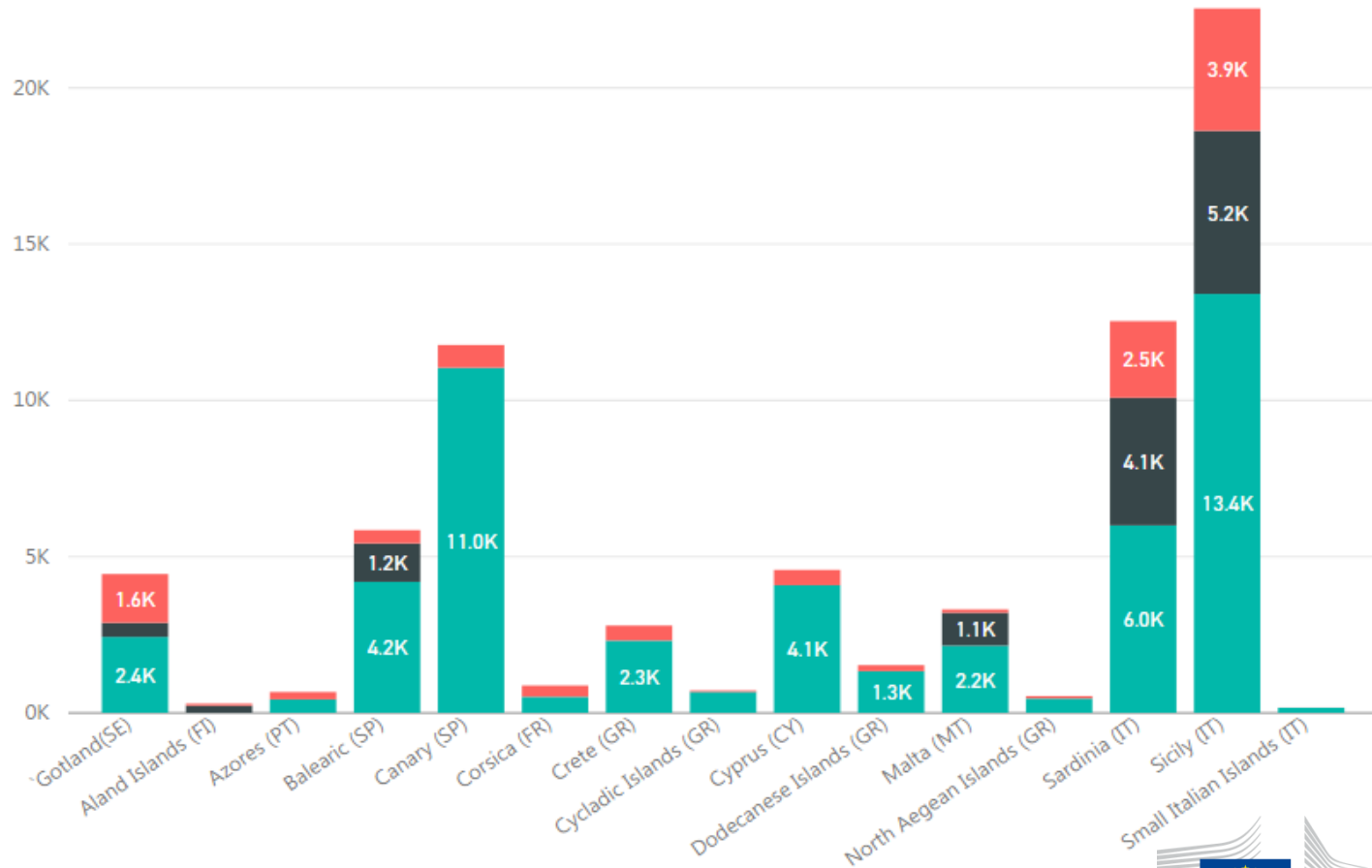
COMMON FUTURE

- Bring down energy production costs
- Eliminate subsidies for fossil fuels
- Focus on energy efficiency and renewables, with best use of available technologies

EU ENERGY ISLANDS AND THEIR ENERGY MIX

FF (Local Thermal Generation), Interconnection Exchange and Local Renewables Generation by Island/ Group of Islands

(GWh) ● FF (Local Thermal Generation) ● Interconnection Exchange ● Local Renewables Generation



THE CLEAN ENERGY FOR ALL EUROPEANS PACKAGE



Putting energy efficiency first



Demonstrating global leadership in renewables



Delivering a fair deal for consumers

An opportunity to..



...create jobs & growth



...secure energy supply



...bring down GHG emissions



...make the market fit for purpose



...foster innovation



...spur investment

CLEAN ENERGY FOR EU ISLANDS INITIATIVE

THE INITIATIVE IS ABOUT...

Optimally using islands' resources and infrastructures

Mainstreaming existing instruments and best practices

Spurring up investment

Transferring knowledge from one island to the other

ISLANDS TO CONTROL THEIR FUTURE THROUGH...

Energy efficiency measures in buildings/industry

Micro grids, demand-side management and storage

Variable renewable energy sources, e.g. marine energy

Etc.

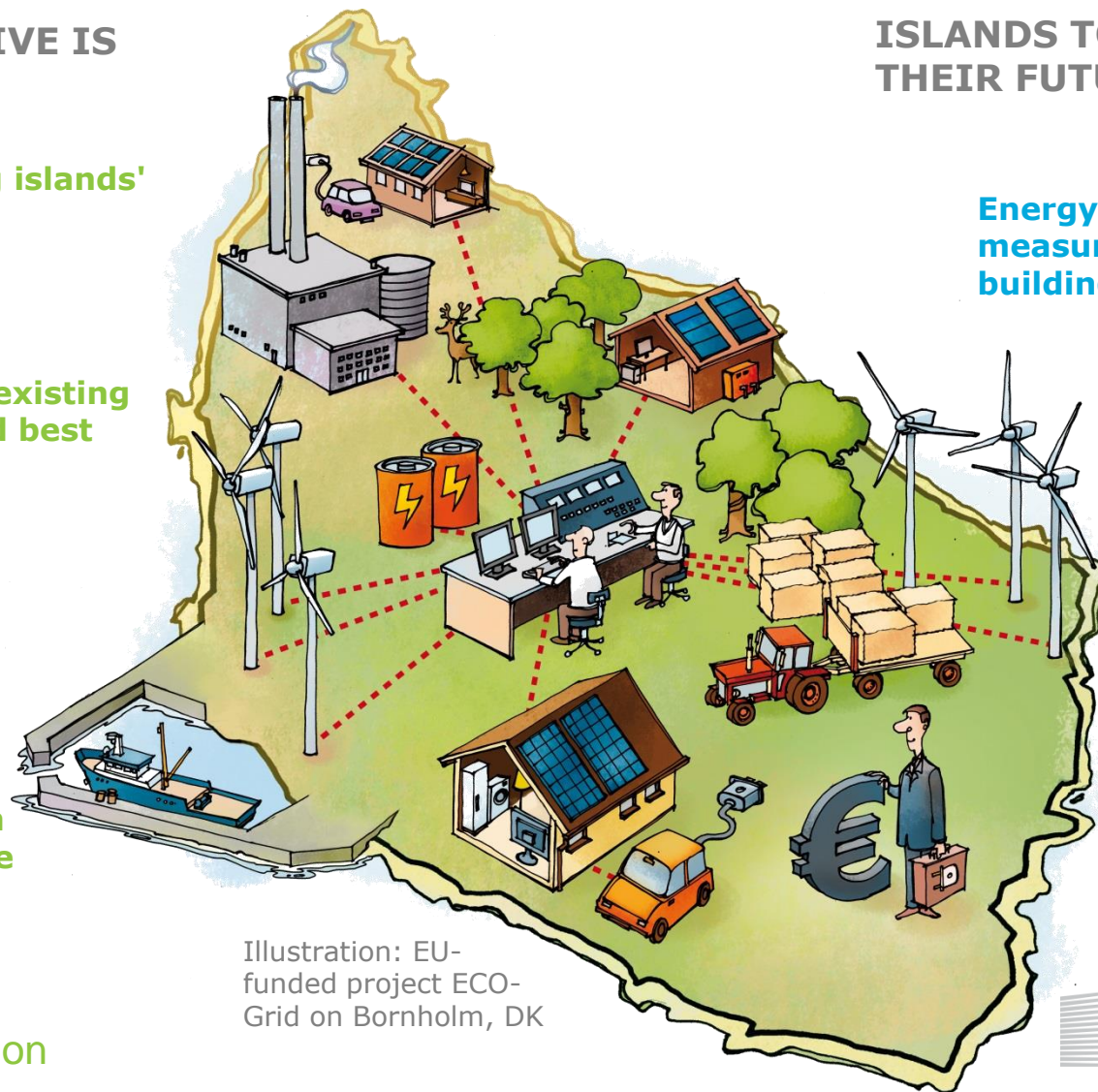


Illustration: EU-funded project ECO-Grid on Bornholm, DK



European
Commission



Follow us:
[@Energy4Europe](#)
[#CleanEnergyEU](#)

