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

---

#EnergyUnion
An opportunity to...

- create jobs & growth
- secure energy supply
- bring down GHG emissions
- make the market fit for purpose
- foster innovation
- spur investment
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