

17-21 JUNE 2019
EU SUSTAINABLE ENERGY WEEK
SHAPING EUROPE'S ENERGY FUTURE



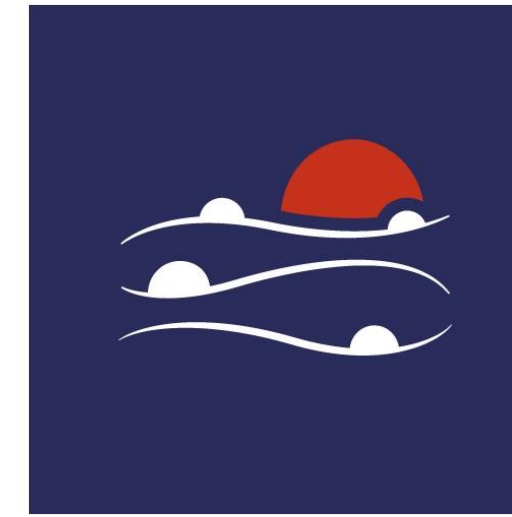
#EUSEW19

Islands as Lighthouses for Europe's Decarbonisation

18 June 2019

Introduction

What is “Les îles du Ponant” ?



Les Îles du Ponant

- Since 1971, the Ponant Islands Association (AIP) brings together elected and socio-professional leaders of the islands: Mayors, General & Regional Councilors, representatives of the economic and agricultural Consular Chambers, Local Fishery Committees, Tourist Offices, Transport companies, local authority partners, university involved on their territories etc.
- It has a great ambition: to offer a future to the 15 French islands of the Atlantic and the Channel.
- Energy is one of the major topics for the future of Islands



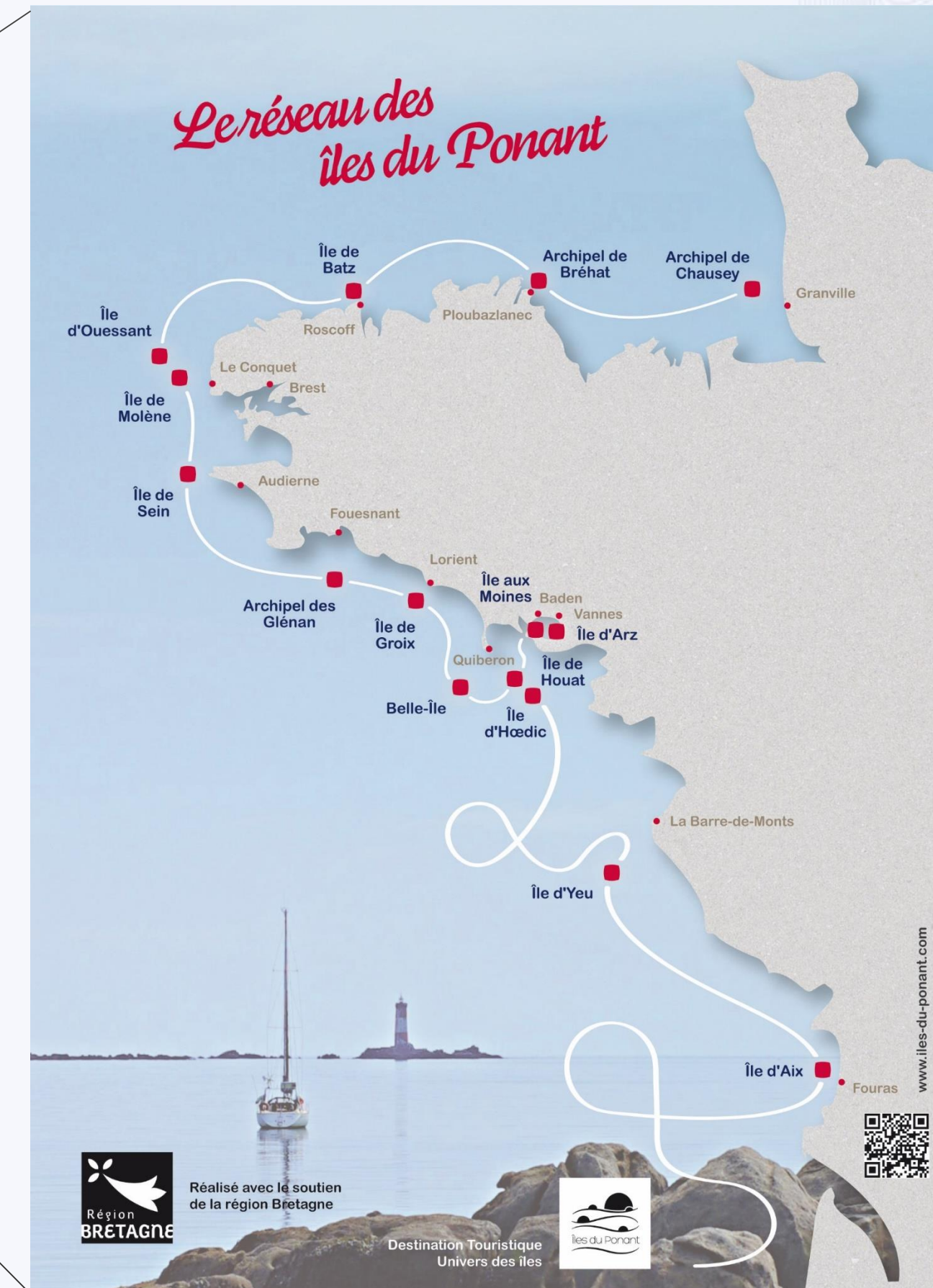
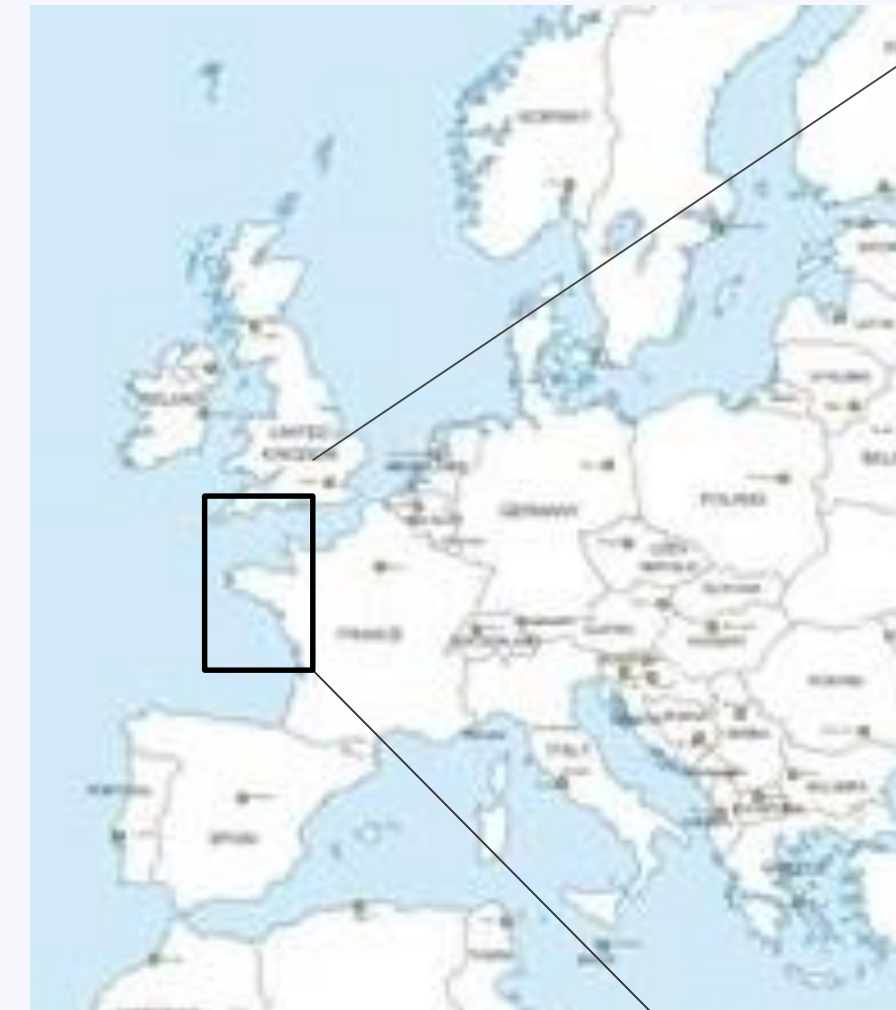
Îles du Ponant

- 15 islands
- 16 000 permanent inhabitants

- 5 islands non inter-connected : ZNI

Energy transition on ZNI

- First action plan 2015- 2018
- Electricity saved 120 MWh/year
- RES production 230 MWh/year
- CO2 reduction - 1690/year = -25% compare to 2014



The project

On ZNI: Goal 100% Renewable electricity 2030

- **RES Production : Solar power, Tidal current, Windpower**
- **Storage : li-ion battery, + H² inter seasonal storage on Chausey & Molène archipelagos**
- **Multi-partnership projects public-private**

- **Prospects**

	Molène	Sein	Ouessant	Chausey	Les Glénan
2023	30%	60%	65%	50%	89% 2019
2028	90 %	75%	75%	65%	100% 2021

On interconnected islands

- **RES Production with self consumption: Solar power,**

Main challenges Îles du Ponant

- Law & regulation
 - Environmental & land management (a specific arrangement was in 2018 passed by law for Ponant ZNI to ensure a better law security for RES production units)
 - Economic regulation (ie: in case of interconnected islands, national regulated price for RES electricity, forbids to help investors to cope with island overcost – 40%)
- Financing on interconnected islands
- Social acceptancy for instance wind turbine

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