



sea THE FUTURE

DCNS

MRE to provide energy for coastal cities and isolated industrial/mining operations; Connecting marine renewable energies to the ground network; Do we need specific networks to manage and deliver the energy produced?

PECC, June 24th 2014, Santiago

Brand New Industries in The Following Years

Industry time
 Tidal energy on tracks; OTEC & floating wind gearing up; Wave technologies back to drawing table
 50 GW of short/middle term potential in supportive countries (France, Canada, UK, ...)

Ocean Thermal Energy Conversion



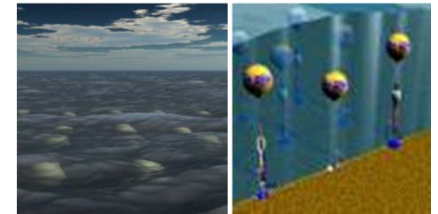
Floating Wind Turbine



Tidal Energy

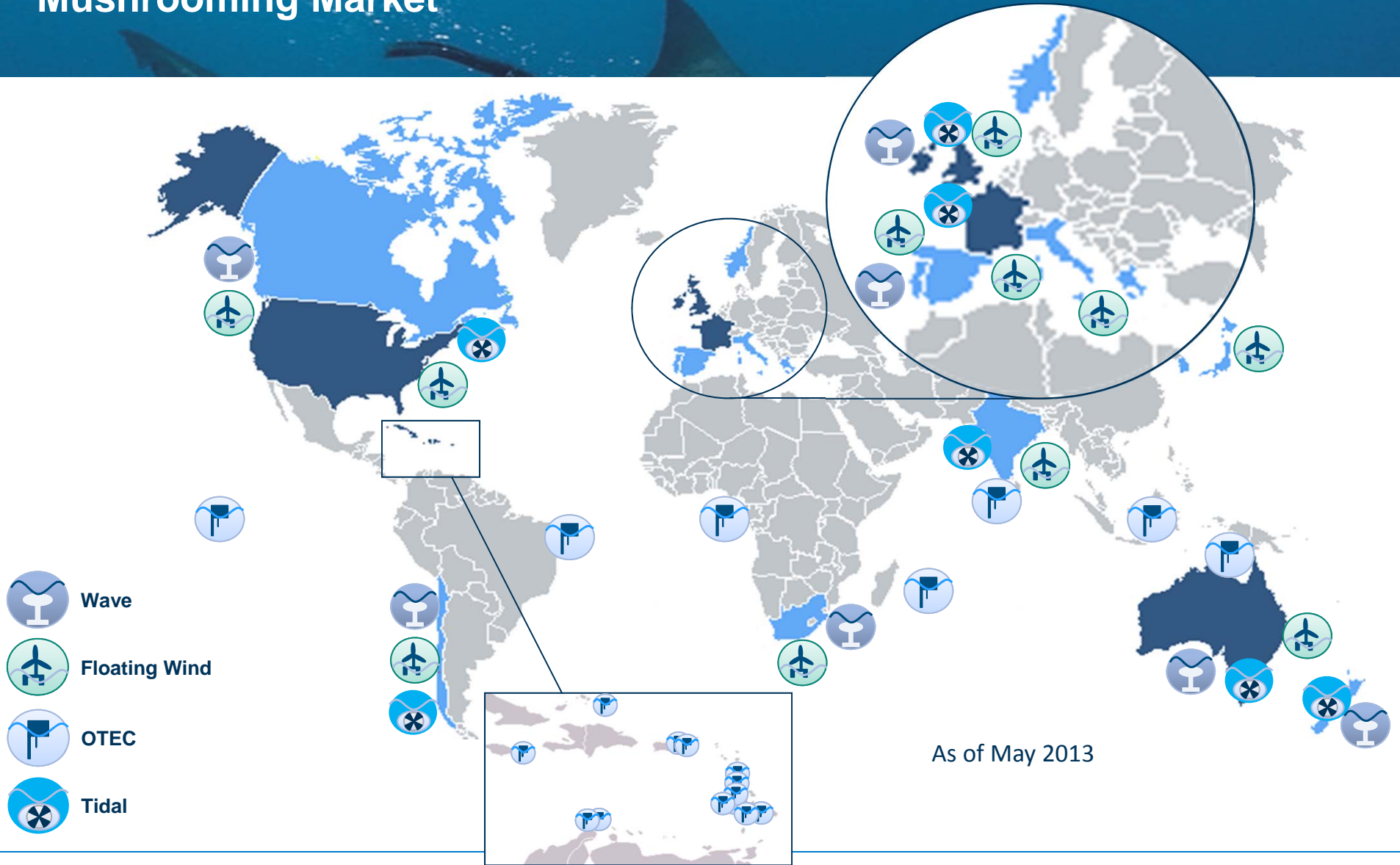


Waves Energy



Technological Demonstration	• Running	• 2017	• Done	• Running
Pilot Farm	• 2017	• 2017	• 2017	• 2017
Commercial	• 2018	• 2019	• 2019	• 2019

Mushrooming Market



MRE Project Key Factors for Success

- Growth: need to increase the capacity
- Energy price
 - And/or land issues
 - And/or political will
- Network: isolated sites
- Clear permit procedures
- Local authorities support
- Academics knowledge embedded
- Industrial network & know-how

