

Orkney – the Energy Islands

Aquatera's inspiring headquarters



Presentation by Gareth Davies

400 sustainable energy projects
250 marine energy projects
35 marine energy technologies supported
12 marine array projects

**Aquatera: a world-leading
business in sustainable
island energy**

Working in **30** countries

Established over **50** island links

20 strategic energy plans

100 onshore wind projects

Over **50** staff & associates

Based in **Orkney**

Formed in **2000**

aquatera



Sectors

- World leaders in **marine energy**
- World class in **onshore and offshore oil and gas**
- International specialists in **island, community and supply chain development**
- Internationally experienced in **project management** and **research**
- Experts and innovators in **port, shipping and workboat operations**
- Specialists in **onshore wind** and **offshore floating wind** energy, **cables & pipelines, aquaculture, quarrying, peat harvesting, conservation** and **dredging**
- Growing experience in tourism, fisheries, energy storage, and energy use



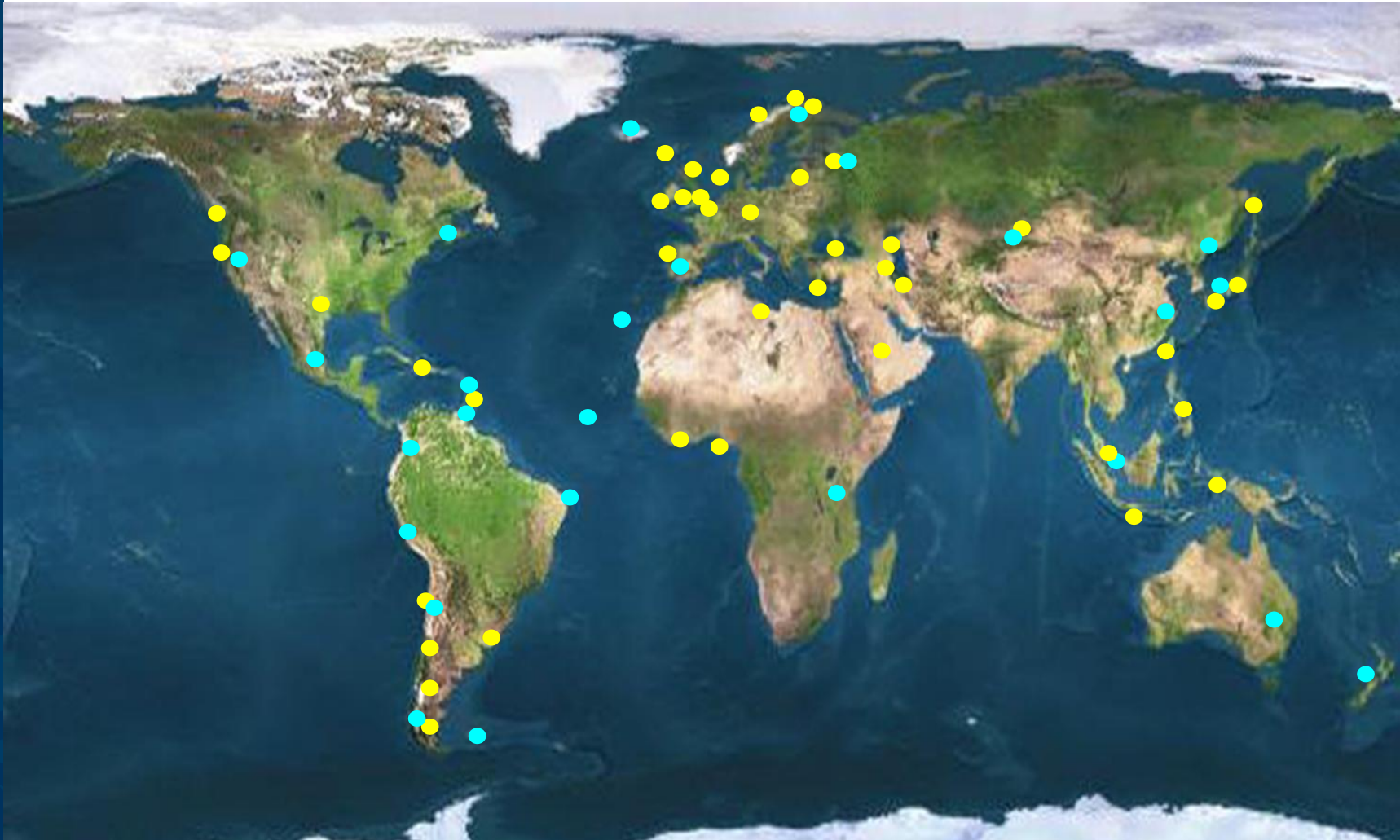
Work activities: environment/marine/energy/research

- Project management
 - *ISO 9001 accredited*
- Project planning
 - *Scheduling, costing, resource planning*
- Strategic planning, road-mapping, SEAs
 - *Innovative mapping tool
RADMAPP*
- All types of environmental surveying
- Assessment
 - *EIA, HRA, NRA, ERA*
- Risk & opportunity analysis & management
- Conceptual design optimisation
- Innovation & enabling technology development
 - *Vessel design, subsea vehicles, cable laying & protection etc*
- Managing marine & survey operations, ECoW
- Recourse characterisation
 - *AQUA-TIDAL database*
- Energy market analysis
- Community & supply chain capacity building
- Communication, education & awareness



Thinking locally acting globally

- Aquatera projects undertaken in 30 countries ●
- We are actively collaborating in many more ●



Aquatera's marine technology pathway

Within our team we have:

- Been involved in over **50** installation and recovery operations
- Managed over **1000** days of marine operations
- Successfully applied for **70** marine licenses and onshore planning permits
- Undertaken over **150** seabed & ADCP surveys; over **500** days of bird and mammal observations
- Contributed to developing **10** centres of excellence

But our success is only built upon our clients success. We therefore look forward to exploring opportunities to expand this experience further with you over coming months and years.

