

oceanlinx

Oceanlinx Wave Energy Technology



oceanlinx

In Brief

Problem

Virtually all jurisdictions require:

- Security of energy supply
- Climate Change Targets
 - Reduction in greenhouse gas emissions
 - Target quotas for supply from renewable sources

Solution

- Renewable energies mix
- Oceanlinx as a world leader in wave energy technology

How can the UK help?

Partners: investors, utilities, renewable energy project developers & operators; industrial partners such as marine engineering and construction



Oceanlinx Corporate Summary

- Company formed as Energetech Australia in **1997**
- Headquarters in Sydney
- **Global project base** with a footprint in the UK for European opportunities
- **IP – a number of existing global patents granted** for key systems and components, with several other patents in progress

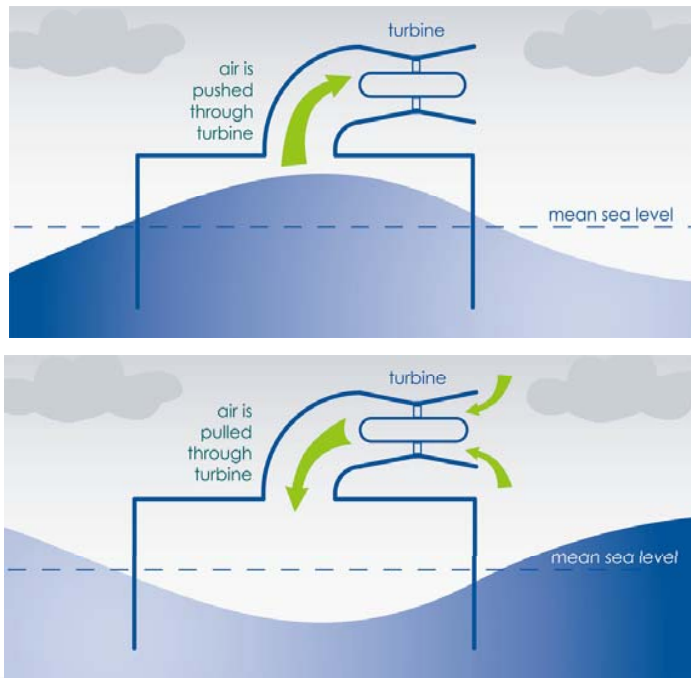
Technology Overview

Oscillating water column

Oceanlinx turbine

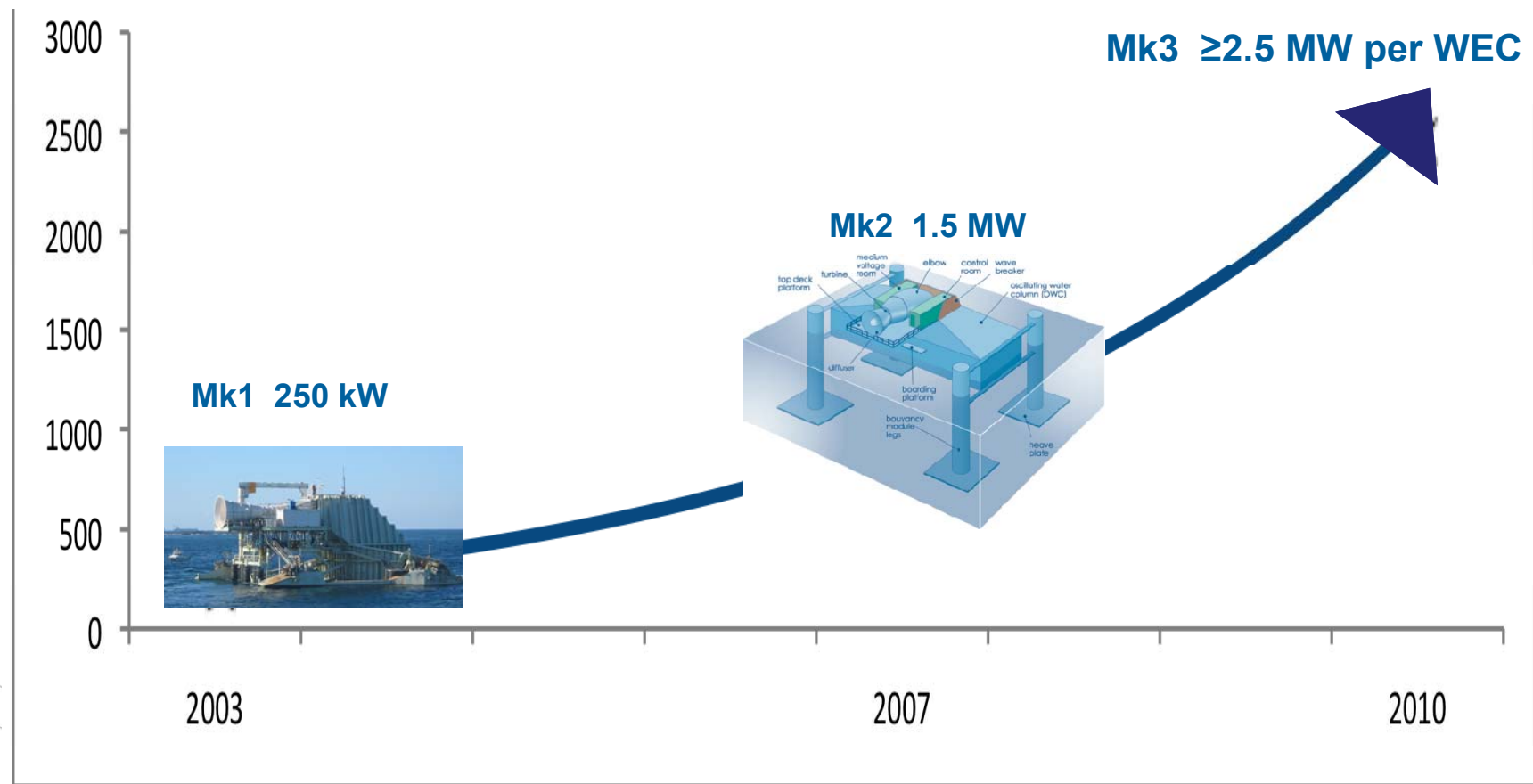
Electricity generator

Water desalination unit



OLX Technology Road Map

Increasing capacity & Moving from fixed to floating...



Key technology advantages

- **No greenhouse gas emission**
- **No underwater moving parts**
- **Large MW installed per WEC**
- **Modular design allows for dense deployment and hence competitive seabed usage**
- **Offshore deployment and low height : minimal visual impact and no competition with highly used near-shore area**



Projects

- **Individual project SPVs who own and operate the projects**
- **Projects equity coming from Oceanlinx and other equity partners**
- **Oceanlinx provides the technology and ongoing technical support**
- **Strong demand pull into a large and increasingly attractive market**

Oceanlinx Track Record

- **Rare “full scale deployment” – proven technology**
- **Established company and experienced management team**
- **R&D capability PLUS operational experience**
- **Australian achievements transferrable to established UK presence**
- **Global Opportunities**
- **Track record verified by successive investments, grants and awards**

Grants

- NSW Government ‘Climate Ready’
- Victoria ‘Sustainability Victoria’
- Various DOE (USA)
- Australian Government R&D grant
- Various USA state grants

Awards

- 2006 finalist International Academy of Science’s Outstanding Technology of the Year Award
- 2007 Ocean Energy Council, Energy Pioneer ‘Company Award’ and ‘Technology Award’
- 2009 DOE award
- 2009 Ernst & Young Entrepreneur of the Year Nomination Award