

# Overview of UK Government's Marine Energy Policy

Setting the context for developing marine energy in the UK

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Wave and Tidal Unit  
DECC

- Suite of marine energy announcements in the Renewable Energy Strategy – July 2009
  - £10m to NaREC to develop onshore wave and tidal testing facility
  - £8m to expand facilities at EMEC
  - £9.51m to support Wave Hub
  - £22m for a “Marine Renewables Proving Fund” to be administered by Carbon Trust
  - £10m of additional investment in the South West
  - Evidence gathering on marine RO banding
  - Retention and extension of the MRDF

- *“This will consider the prospects and environmental implications of wave and tidal technology, including any planning and other barriers to development, along with the nature of support needed to facilitate effective deployment. The Action Plan will provide a basis for considering the framework of support for the deployment of wave and tidal stream technologies going forward.”*

Para 5.28 - The UK Renewable Energy Strategy, Cm 7686.

# Action Plan Terms of Reference

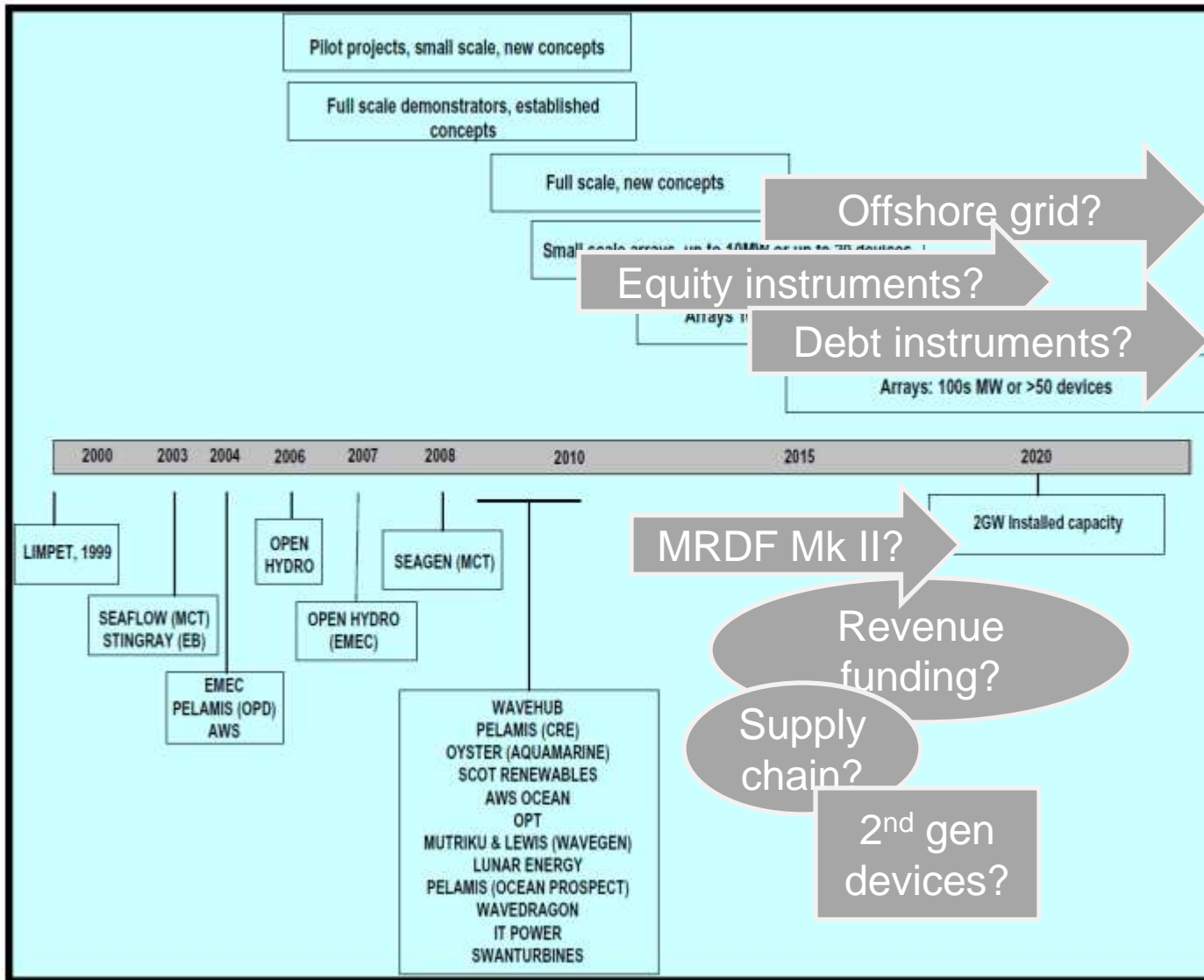
- Developed by DECC with the private sector
- Will set out a vision to 2030 (with ref to 2020)
- Outline actions required by **both** private and public sectors to facilitate the development and deployment of marine energy technology
- Covers wave, tidal range and tidal stream energy (outside the Severn)
- UK-wide focus (while taking account of devolution)
- Plan to publish by end of March 2010
- Practical, working document which will be subject to revision over time

- Five work streams:
  - Financing and Funding of the Sector
  - Marine Technology Road Mapping
  - Infrastructure (including supply chain/skills and physical infrastructure – incl grid, ports etc )
  - Planning, consenting, licensing and environmental issues
  - Tidal Range
- Working groups will work in parallel to produce recommendations

- **Financing and funding of the sector:**
  - The funding landscape
  - Leveraging private capital into the sector
  - Funding Projects (at demonstration and deployment phases)
  - Revenue support for wave & tidal technologies: in particular through the Renewables Obligation
  - Is there a stronger role for Government Investment or other intervention models?

- **Marine technology roadmap:**
  - Build on existing UKERC technology roadmap with input other similar work
  - Update forecast of multi-device array & commercial deployment in UK waters
  - Cost reduction through technology development
- Form a time-line/framework for the Action Plan

# Technology Road Mapping



- **Developing infrastructure:**
  - **Supply chain and skills:** development of UK-based skills and supply chain, e.g.
    - Installation & maintenance vessels
    - Manufacturing facilities
    - Skills, training and leveraging in expertise from other/related sectors
  - **Physical Infrastructure:** timely availability physical infrastructure, e.g.
    - Ports/harbours
    - Grid
    - Other – Manufacturing facilities / transport logistics etc

- **Planning, consenting & environmental issues:** will include topics such as
  - Onshore and offshore planning
  - Strategic Environmental Assessments and other environmental monitoring requirements
  - Licensing and consenting
- Likely to draw in conclusions of work being carried out elsewhere in the public sector

# Tidal Range Sub-Group

- Separate Chapter on Tidal Range
- Covers all work stream areas, but address the issues in relation to Tidal Range

# Timeline...

- Work streams are underway
- Development of work stream conclusions by end February 2010
- Compilation of final report Feb/March 2010
- Action Plan published for consultation – end March 2010
- ...ongoing revisions over time...

- Screening Study for Marine Energy Development in English and Welsh Waters
  - Final Report received from AEA
  - This work will feed into any future SEA

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