

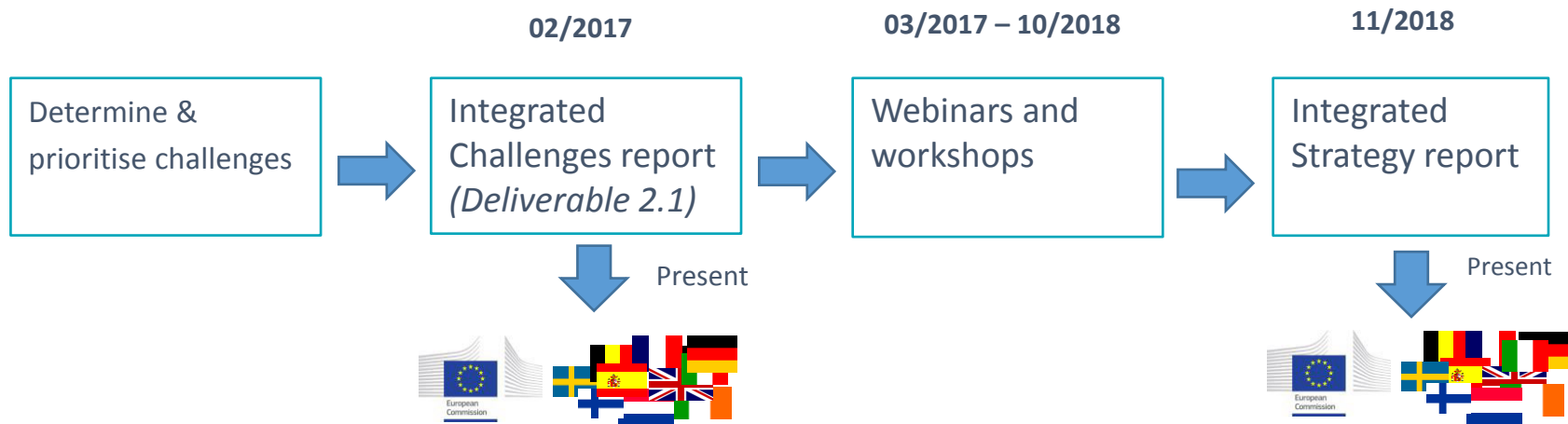


ETIPOCEAN

European Technology & Innovation Platform for Ocean Energy

Enhancing social impact and acceptance

23 May 2017 – ETIP Ocean



Agenda

Moderator: Kasparas Kemeklis, Ocean Energy Europe, ETIP Ocean Project Officer

Presentation:

Sue Barr, OpenHydro, Environment and External Affairs Manager

Bruce Buchanan, Marine Scotland, Senior Policy Officer

Q&A session with the audience



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Ocean Energy and Stakeholder Engagement

Sue Barr, External Affairs Manager

May 2017

Stakeholder Engagement



Project portfolio

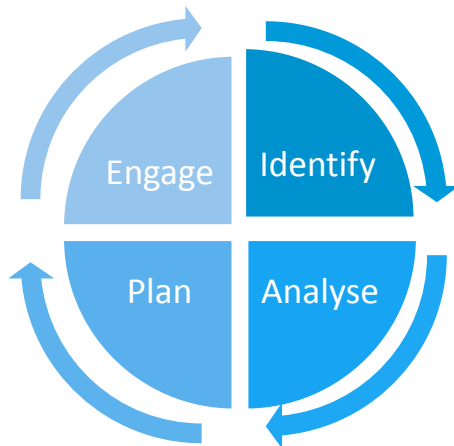


- 1. EMEC**
ORKNEY ISLANDS, SCOTLAND
- 2. EDF**
PAIMPOL-BRÉHAT, FRANCE
- 3. BRIMS TIDAL ARRAY**
ORKNEY ISLANDS, SCOTLAND
- 4. RACE TIDAL**
CHANNEL ISLANDS, UK
- 5. TIDAL VENTURES**
COUNTY ANTRIM, NORTHERN IRELAND
- 6. CAPE SHARP TIDAL**
BAY OF FUNDY, CANADA
- 7. NORMANDIE HYDRO**
RAZ BLANCHARD, FRANCE
- 8. GOTO TIDAL DEMONSTRATION PROJECT**
GOTO ISLANDS, JAPAN
- 9. MORLAIS TIDAL DEMONSTRATION ARRAY**
ANGLESEY, WALES

What do we mean ?

- *'the process by which an organisation involves people who may be affected by the decisions it makes or can influence the implementation of its decisions'*.
- Including acceptance of an ocean energy project.
- How do we get from **consultation** → **participation** → **partnership**

Planning



Our world-beating natural resources are inspiring new local industries around our coastline.

The UK has 50% of Europe's tidal energy¹ and 35% of its wave energy.²

Our exceptional resource is creating new industrial clusters outside of the South East - in the Highlands, Wales, North England, the South-West and the Isle of Wight.³

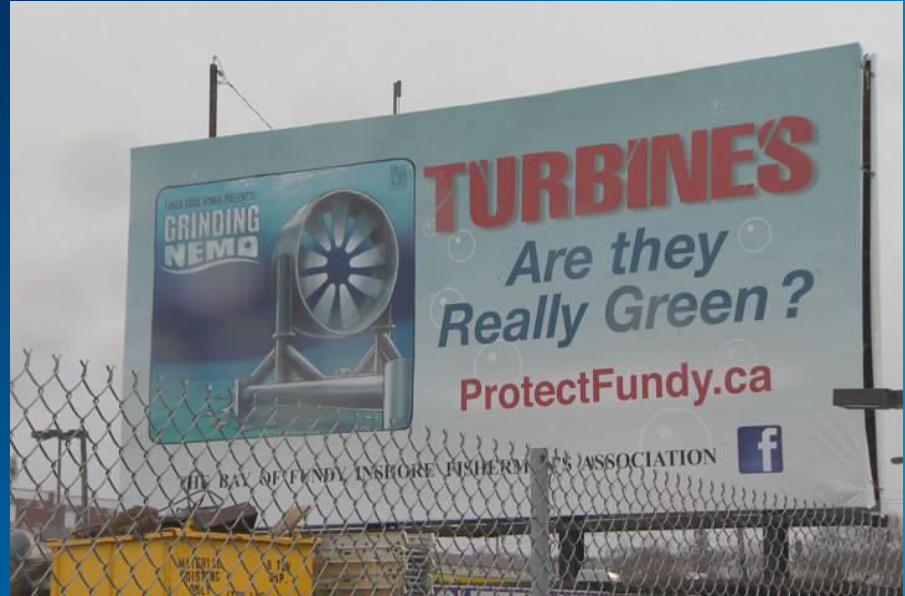
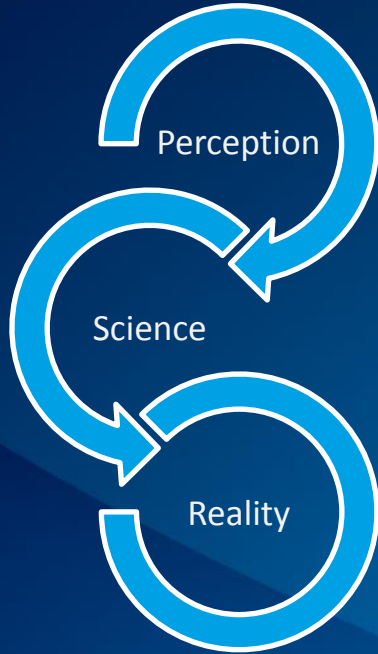
Atlantis's Meygen commercial-scale tidal project is among those bringing new opportunities to industry and communities where jobs are needed most - including areas which used to depend on North Sea oil and gas.⁴



References:
1 OESD (2013)
2 Andrew Thomas et al. (2013)
3 RenewEAMK (2016)
4 Atlantis Resources Limited (2016)

ocean energy race

Challenges – Cape Sharp Tidal



Must determine what data and studies will answer the real scientific challenges and increase confidence.

Real risk is loss of earnings to local fishing industry

Key Issues

- Main issues across project portfolio include the following;
- Impacts on fisheries and loss of earnings.
- Onshore elements – AONB, EMF from cables, substation placements.
- Potential for marine species interactions and impacts.
- *Frustrations at inability to influence the process – site selection, timing of activities, feelings of not being heard.*

Stemming from –

- Low levels of scientific evidence.
- Differing starting points – base knowledge.
- Lack of good planning in engagement.
- Comparisons to existing technologies – tidal barrage, offshore wind.



Wave and Tidal Power Poorly Understood

How can we enhance social acceptance ?

What can we do better ?

- See this process as an important step in delivery of a project.
- Bad stakeholder relations costs time / money and adds risk to projects.
- Identification of your key stakeholders (who you should be talking to) is critical.
- Different audiences require different messaging / types of communication.
- Be honest about what we don't know / can't know.
- Raise awareness of the specific benefits of wave and tidal.
- Spend time on the basics.

This improves business outcomes and performance

Relationships are key





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