Exploring Knowledge Infrastructures to Support Marine Renewables: the Case of Research Innovation in Scotland

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PMEC
Pacific Marine Energy Center

All-Center Meeting 2019

Scottish Energy Strategy:
The future of energy in Scotland

December 2017

Scottish Government
Riaghaltas na h-Alba
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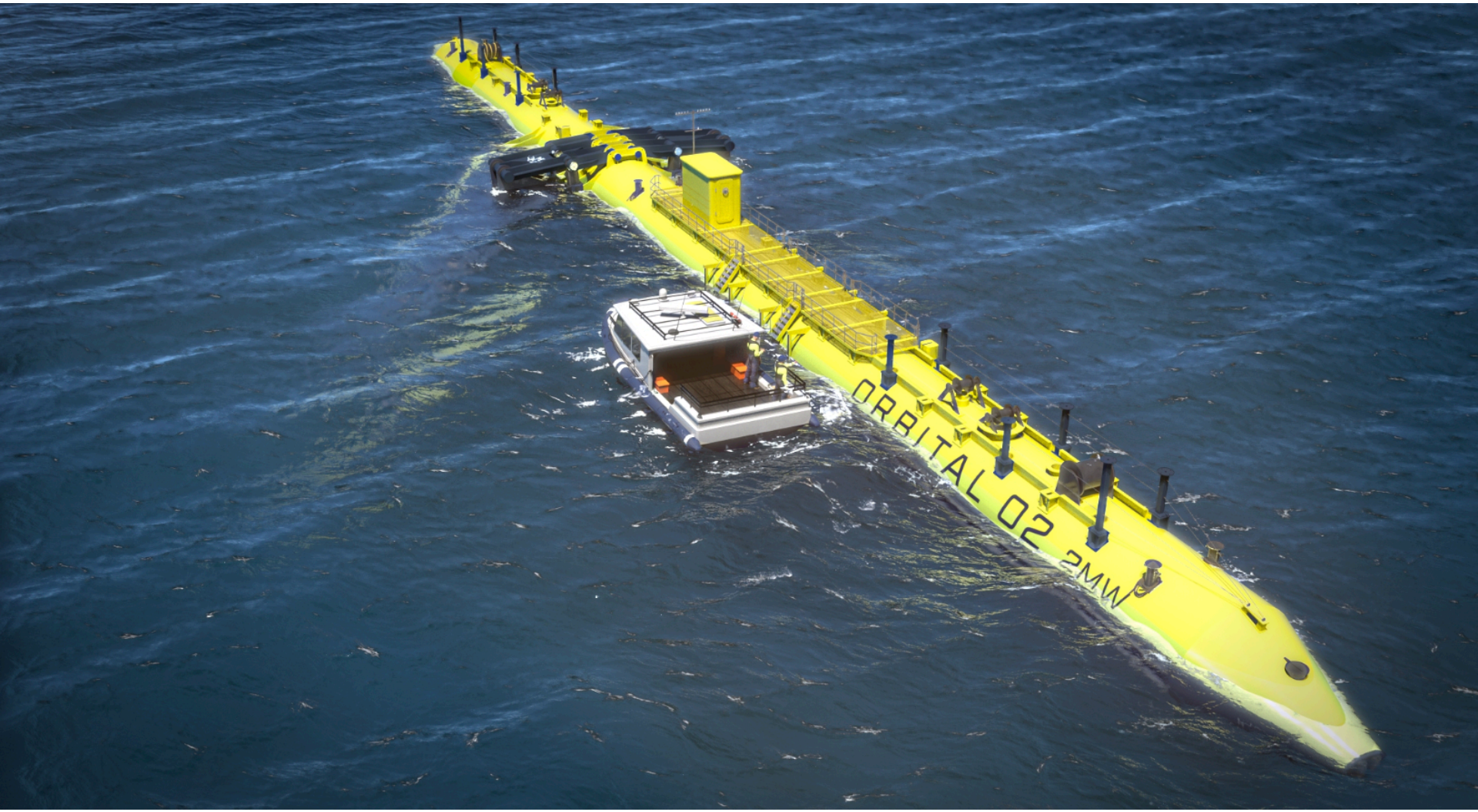
LEYLAND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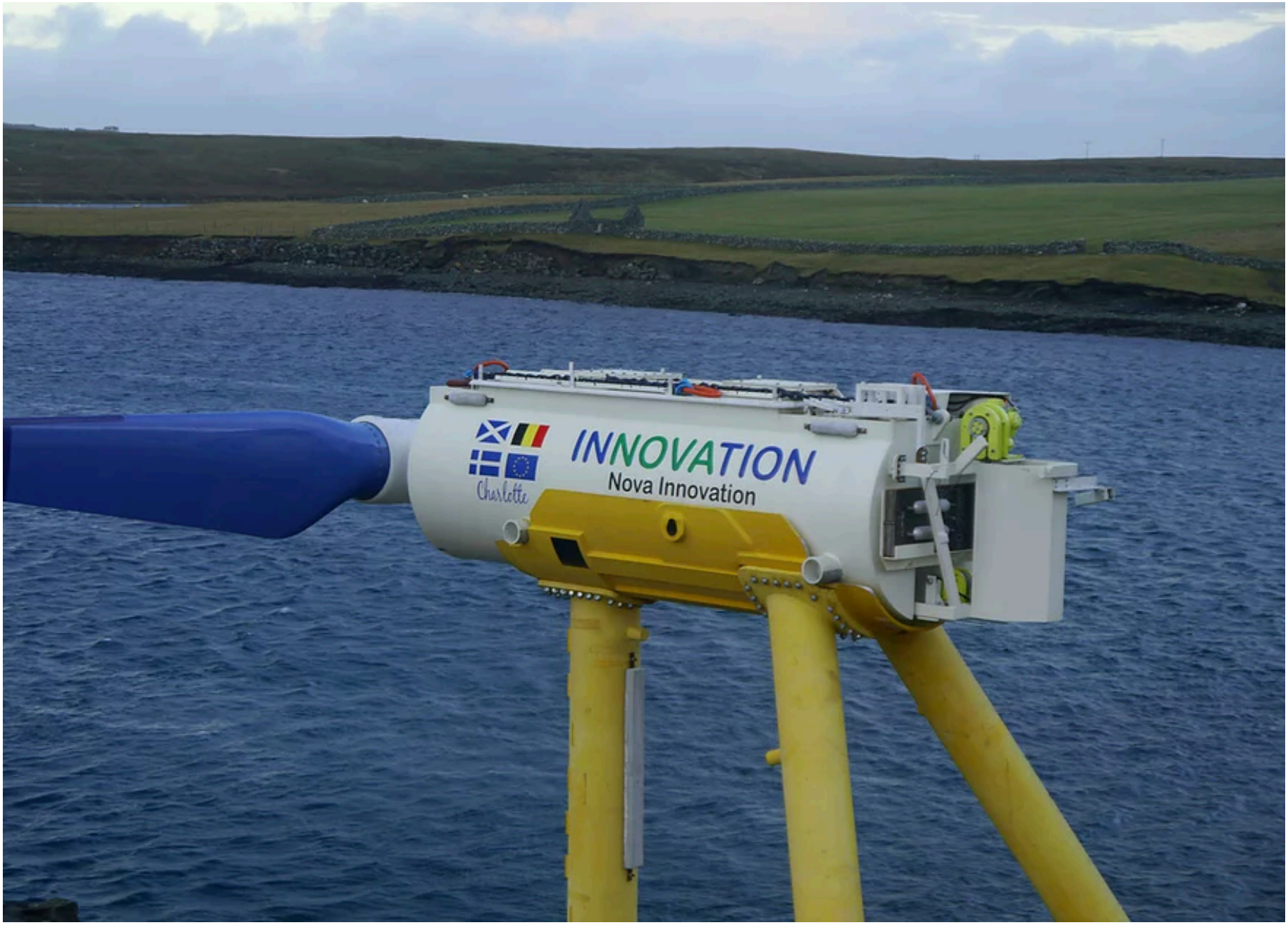
INNOVATION
Nova Innovation
Charlotte

KNOWLEDGE INFRASTRUCTURES

- Organizations and institutions
- Epistemic cultures and norms
- Standards
- Test facilities and Instruments
- Research Collaboratives or Boundary Organizations
- Computing resources
- Data and databases
- Funding and policy support

KNOWLEDGE INFRASTRUCTURES

- Networks of people, artifacts, institutions
  Generate, share, maintain knowledge
  (Edwards et al., 2010)

- Support scientific work and also influence it
  (Bowker and Star, 1999)

- Paradoxical: can support and stifle change
  (Star and Ruhleder, 1994)

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Deliver World-Class, Industry Focussed, Research in Offshore Renewable Energy

Meeting the UK's ambitious (2020 and 2050) deployment targets for offshore renewable energy technologies will require the development of new techniques and technologies to design, build, install, operate, and maintain devices in hostile environments at an affordable economic cost with minimal environmental impact.

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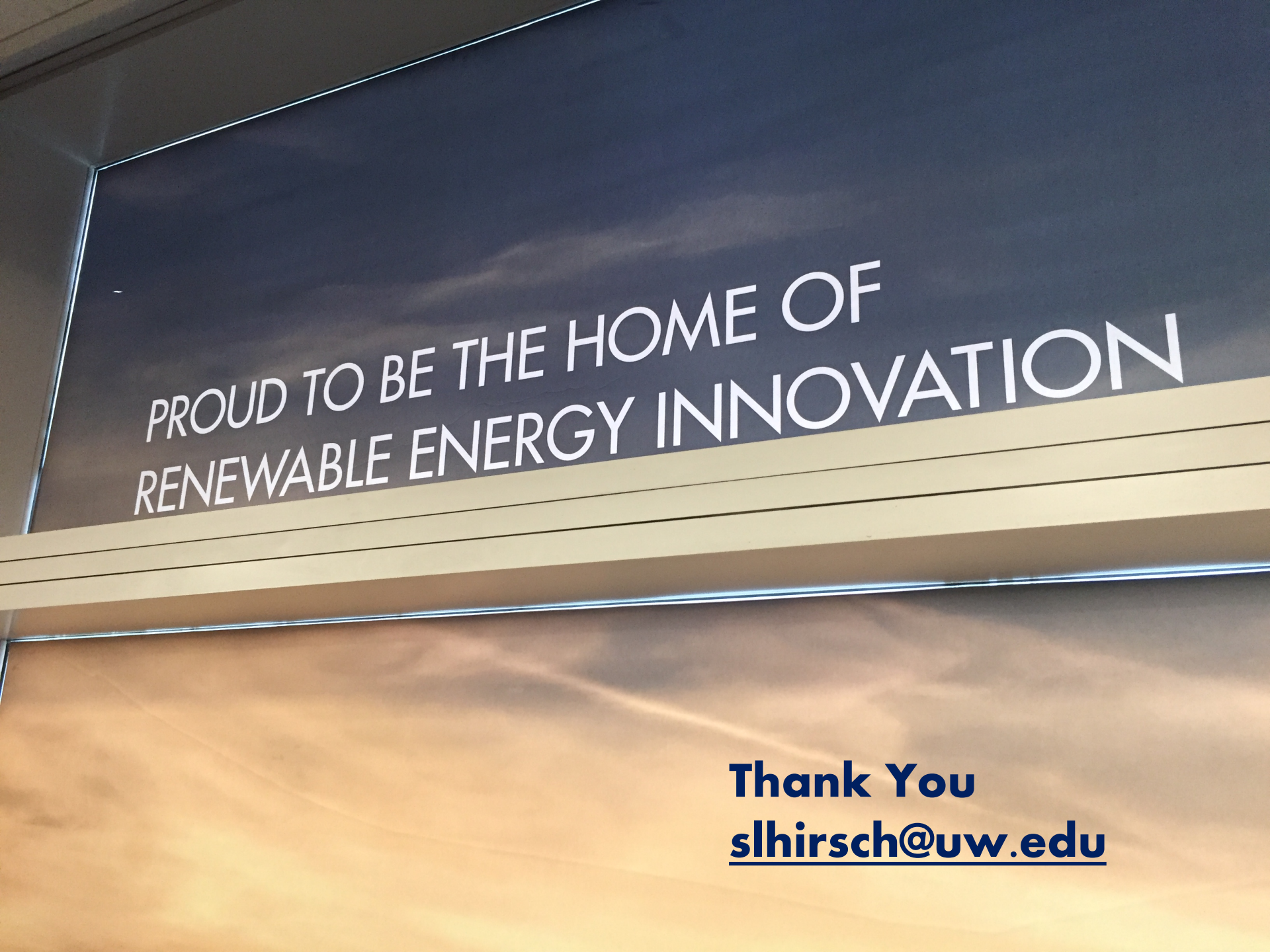
The Oil & Gas Technology Centre


PROUD TO BE THE HOME OF
RENEWABLE ENERGY INNOVATION



Thank You

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