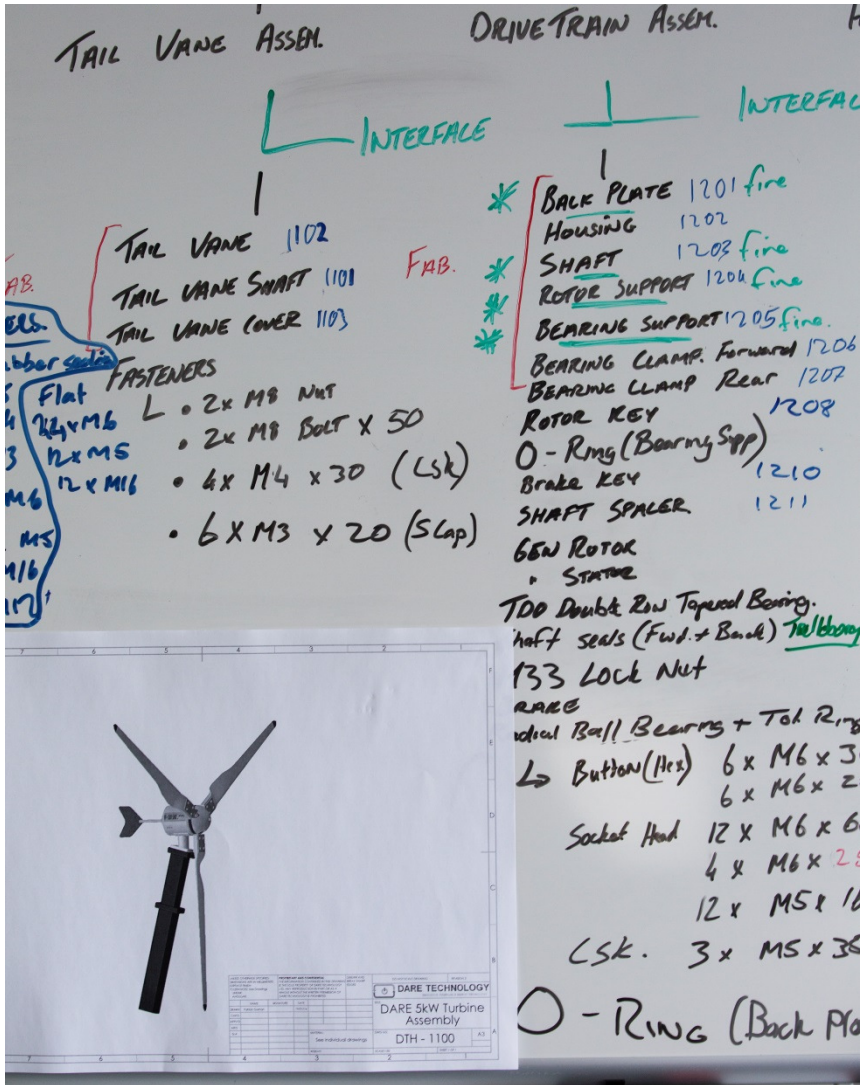
The Entrepreneur Ship

Martin Wall

What's on Offer?

- Collaborative atmosphere with like-minded companies
- Access to world class testbed facilities and expertise
- Fantastic Mentors
- Workshop to bring your ideas to life



Companies:

BLACK & VEATCH

SkyTec Ireland
Unmanned Aircraft Systems Technology

solo energy

SFPA
AN tUDARÁS UM CHOSAINT IASCAIGH MHARA
SEA-FISHERIES PROTECTION AUTHORITY

NATIONAL SPACECENTRE

EXCEEDENCE
MAKING RENEWABLES COMMERCIAL

Sound & Sea Technology
engineering solutions

SEA Tech
Evolution Matters

DARE TECHNOLOGY
INNOVATIVE RENEWABLE ENERGY TECHNOLOGY

RESOLUTE MARINE ENERGY

MARINE
USER EXPERIENCE

Our Ecosystem

Research

HALPIN
Centre for Research & Innovation at NMCI
Ionad um Thaighde agus Nuálaíocht ag NMCI

MaREI
Centre for Marine and Renewable Energy

LiR
NATIONAL OCEAN TEST FACILITY

EXPERTISE

TEST FACILITIES

Hydrodynamics

Governance

Energy storage

Economics

Mammal observation

Condition monitoring

Resource assessment

Electrical design

Policy

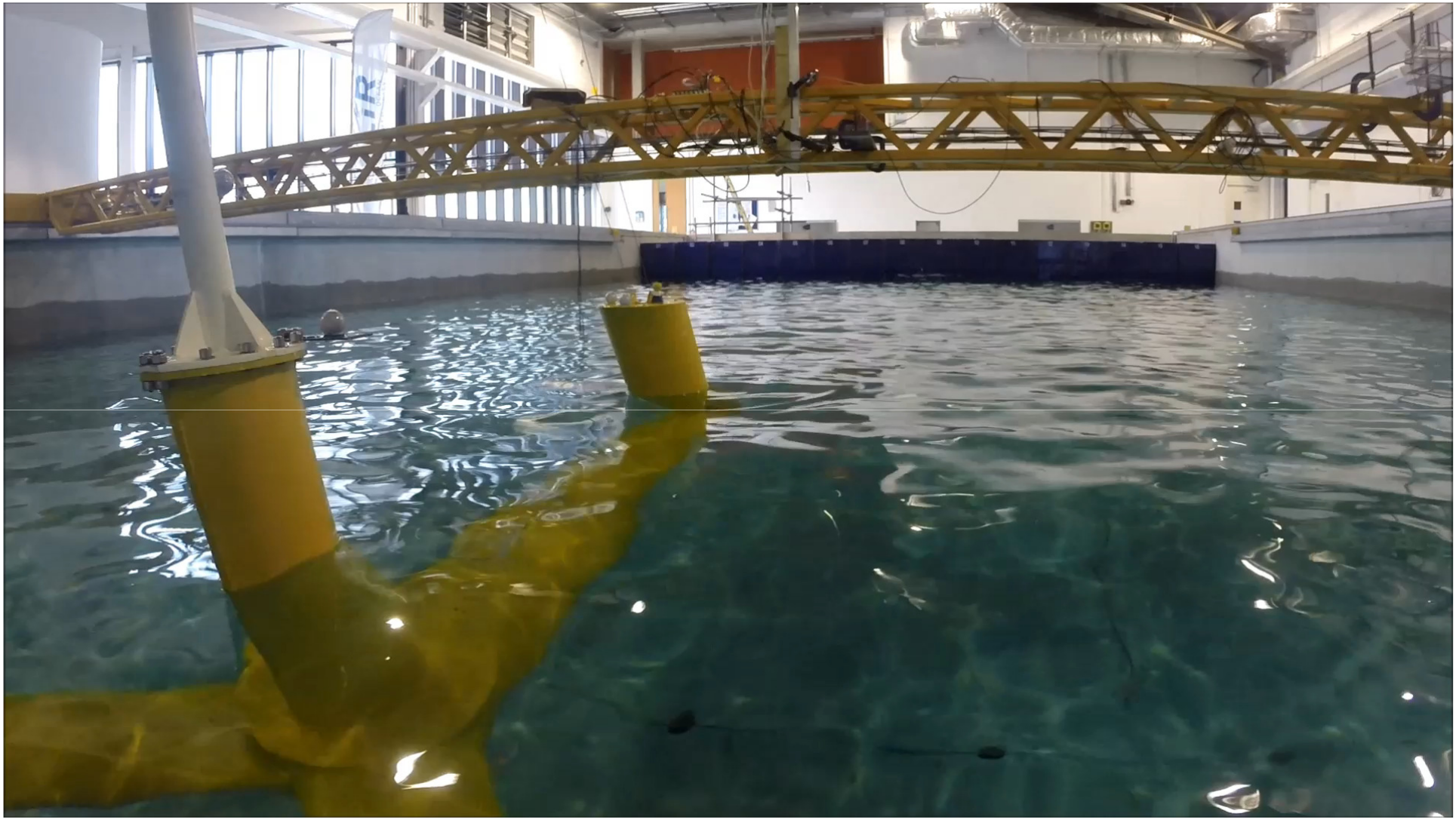
Naval architecture

Civil design

Earth observation

ROV design

wind/wave/tidal



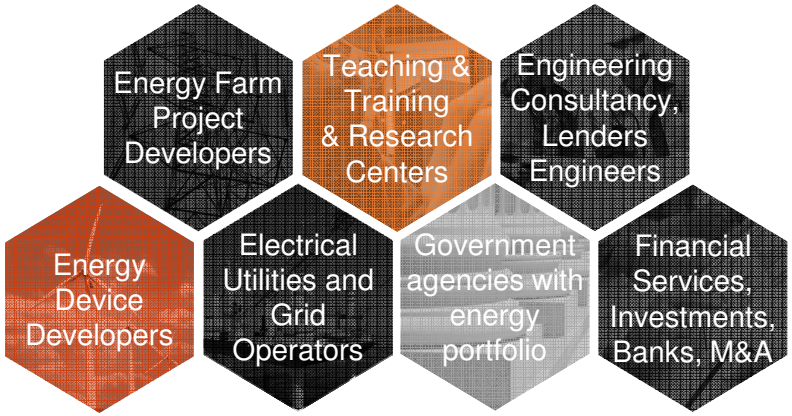
Talent
NMCI
onal Maritime College of Ireland
Coláiste Náisiúnta Mara na hÉireann
Pipeline

Testbed

- Gateway to the Atlantic – 10 times our land mass
- Cork Harbour - 2nd largest natural Harbour in the World
- LIR National Ocean Energy Test Tank Facility
- Naval ships, Basin & Graving Dock

EXCEEDENCE
MAKING RENEWABLES COMMERCIAL

- UCC Spinout
- EI – HPSU Track
- Financial Modelling:
  - Wind (Onshore and Offshore)
  - Wave
  - Tidal
  - Solar (coming 2017)



The Entrepreneur Ship Support

- Proximity to MaREI – two new staff employed
- Engagement on projects
  - CINMarS
- Vital Introductions
  - WavePower

DARE TECHNOLOGY

INNOVATIVE RENEWABLE ENERGY TECHNOLOGY

- Founded in January 2015
- Marine Renewable Energy – Technology Development
- Enterprise Ireland CSF investment & HPSU programme
- Over €120k funding secured to fund prototype
- National finalist at Start Up Awards 2015 – Innovative Start Up Of The Year
- Marine Industry Awards Finalist 2016

The Entrepreneur Ship

- Access to Naval Test Bed
- Innovation Voucher with MaREI, IMERC
- Partnerships with other companies

Hi-Gen

- A **portable wind turbine** for commercial ships
- Utilises the **existing ships crane** as the turbine mast
- Aims to replace the diesel generator during **downtime** (when vessel is stationary).

BLACK & VEATCH
Building a world of difference.®

- FDI Company with over 10,000 employees worldwide
- HQ of Global Wave Energy
- Attractive Irish supports for wave energy + speciality in Cork
- Ocean Energy Project - $10million SEAI & DoE

esa

business
Incubation
centre

ESA SPACE SOLUTIONS
DOWN TO EARTH

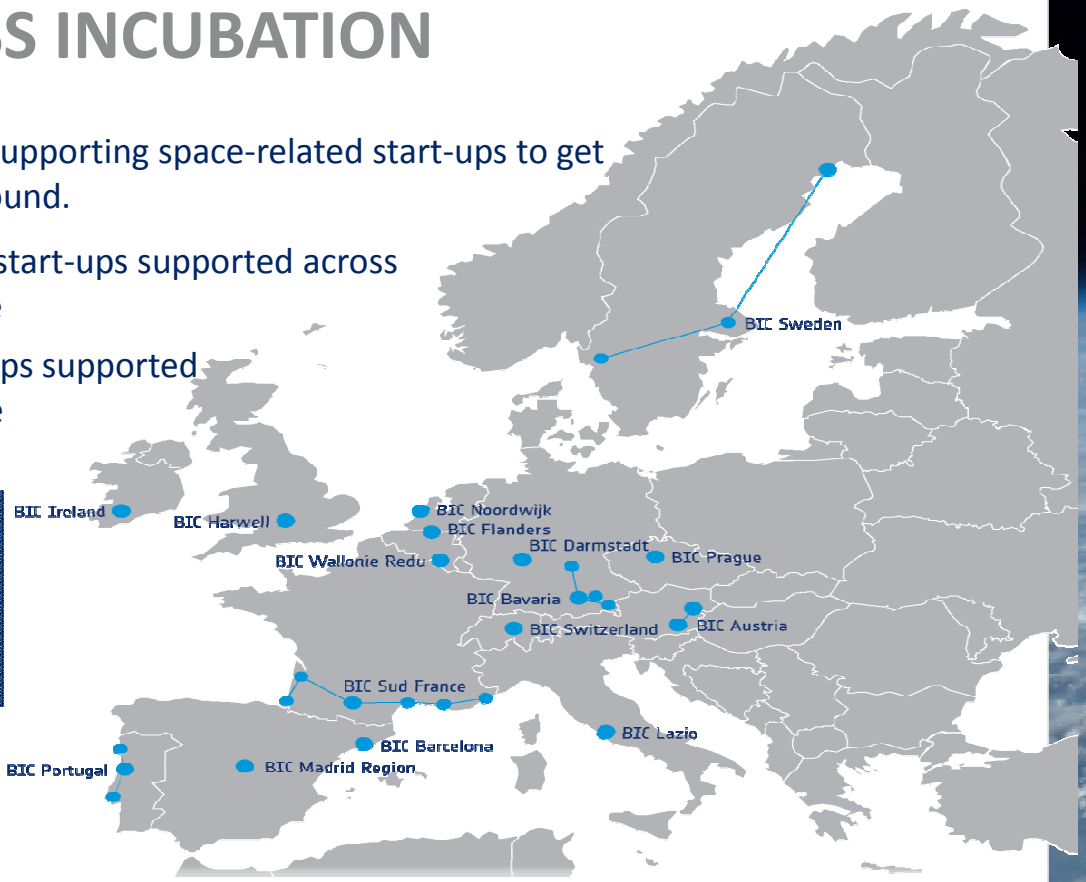
ESA BUSINESS INCUBATION

Network of 16 Centres supporting space-related start-ups to get their business of the ground.

130+ Yearly start-ups supported across Europe

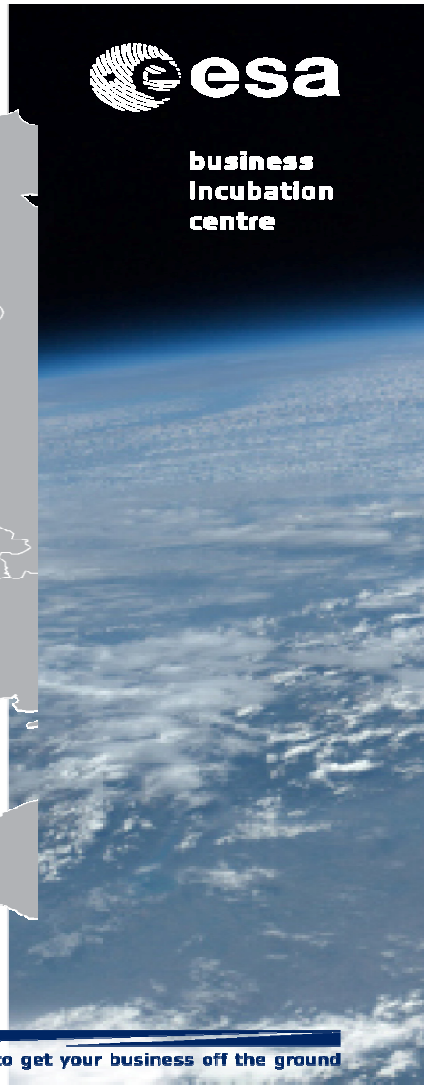
400+ Start-ups supported to date

- ✓ EBN Partnership
- ✓ 9 European Agencies
- ✓ 12 Research Institutes



LEGEND

ESA Business Incubation Centre



Thank you