

Research funding to support the economic maritime sectors

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Beaufort Marine Research Awards

- Research Capacity Scheme
- All Island (North-South) Scheme
 - Projects funded in the North
- PIs & Researchers
 - 7 year contracts
 - Targets for international recruitment
- PhD Studentships
 - 4 years funding
 - Full fees for non-EU nationals paid by DCMNR
 - Provision for PhD students to complete part of their PhD studies at international centres of excellence
- Undergraduate Summer Placement programme

Context

- Strategy for Science Technology & Innovation (SSTI) 2006-2013
 - Marine
 - Energy
 - Environment
 - Health
 - Agriculture & Food
- Relevant SSTI objectives
 - Doubling number of PhD graduates by 2013
 - Significant increase of PIs

Beaufort Marine Research Awards

- Total value €20 million over 7 years
- 10 Awards funded forming 5 consortia:
 1. Ecosystems Approach to Fisheries Management Awards (QUB, UCC, MI)
 2. Marine Biodiscovery Awards (UCC, NUIG, QUB)
 3. Sensors and Communication Systems for the Marine Environment Award (DCU & MI)
 4. Marine Genetics Awards (UCC, QUB & MI)
 5. Economic and Social Research Award (NUIG, Teagasc & MI)

Marine: key component of the SSTI

- NDP *Transforming Ireland* (2007-2013)
 - Aim: Attain a knowledge economy
 - €19 billion of NDP on Science, Technology, Innovation and Higher Education
- Sea Change *A Marine Knowledge & Innovation for Ireland* (2007-2013)
 - National programme funded by NDP, private sector & international funds
 - Aim: Drive development of marine sector as element of Ireland's knowledge economy
- Download Sea Change
 - www@marine.ie/home/SeaChange.htm

SSTI Interdepartmental Projects

- €7.41 million over 2 years-3 research initiatives
 1. Marine Functional Foods Research Initiative
 - Joint funding from MI and DAFF (€5.2 million)
 - Consortium of 6 institutions (Teagasc, UCD, UCC, UL, UU)
 - 2 new research teams created, supporting 16 new researchers
 - Aim: i) Integrate researchers from food, health, marine, ecological sciences under new scientific leadership
ii) Identify novel marine based food ingredients & products

SSTI Interdepartmental Projects

2. Marine Climate Change Programme
 - Aim: Undertake preliminary programme or research relating to ocean mediated climate change
 - Team of climate scientists & technicians established within MI
 - NUIG & NUIM granted funding
 - Outputs: i) Ocean climate status report for Ireland
ii) National Ocean Climate Change Research Plan (2008-2013)

Year 1 Achievements 2007

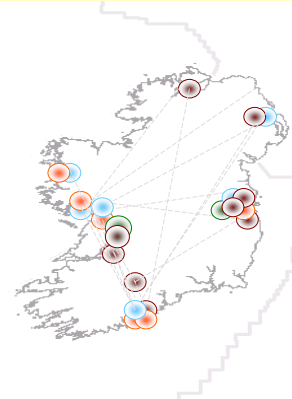
Funding (€63m)

- Industry (€20m)
- Discovery (€21m)
- Policy Support (€11m)
- Infrastructure (€11m)

Institutions / Organisations
All major research institutions on the Island of Ireland
>54 research groups



>81 new researchers,
>76PhDs,
+117 summer students



SSTI Interdepartmental Projects

3. Integrated Marine Exploration
 - Aim: i) Further develop national capacity in marine exploration by developing pool of trained personnel
ii) Coordinate Irish deep sea research (national & international)
 - Principal elements of the programme:
 - Multidisciplinary Field Team established within MI
 - Support field research activities
 - Increase quality & quantity information gathered on survey
 - Develop & participate training programmes
 - Ship-Time Funding
 - Grant-aid toward ship time for:
 - i) Integrated research surveys
 - ii) Training for undergraduate & postgraduate students

Future Opportunities for Marine Related Research Funding

Basic Research:	SFI Strategic Research Clusters North-South Research Partnership Clusters US Ireland R&D Partnership Programme Principal Investigator Programme Grant Research Professor Recruitment Award Industrial Partnership Research Supplements International Research Partnership
Marine Food:	DAFF - FIRM E.I. - Seafood Development BIM - Seafood Development
Marine Environment:	EPA Masters, Doctoral & Research Fellowship Schemes 08 Cleaner Greener Production Programme Climate Change
Dedicated Marine Research:	Marine Institute Industry Networking Ship Time Targeted Call
Ocean Energy:	S.E.I.
Industry:	E.I. The R&D Fund R&D Stimulation Grant Innovation Vouchers

Overview of Marine Funding Committed in 2007: through both Dedicated Marine Funding Schemes and Other (national & international) Funding Schemes

