The European Union Strategy for the Atlantic (EUSA)

The Regional / Sea Basin pillar of the Integrated Maritime Plan for the European Union

Five Challenges identified:

1. Implementing the ecosystem approach
2. Reducing Europe’s carbon footprint;
3. Sustainable exploitation of marine resources;
4. Responding to threats and emergencies;
5. Socially inclusive growth.

Co-funded through EU’s Financial Framework (2014-2020)
- Common Strategic Framework – Partnership Contracts.
- Operational Programmes (e.g. EMFF, INTERREG).
- HORIZON 2020, LIFE, etc.

Development of an Atlantic Action Plan (2012/2013)
IRELAND’S MARINE TERRITORIES (220 Million Acres)
Our Ocean Wealth

- **Size**: 0.9m km² (90% of Ireland)
- **Value**: €2.4bn (direct and indirect Gross Value Added)
- **1% of GDP**

Global Ocean Wealth

- **Size**: 361m km² (70% of the earth's surface)
- **Value**: €1,200bn
- **2% of GDP**
The Opportunity

The €1.2 Trillion Global Market

Resources €337bn
- Seafood (Fishing, Aquaculture & Seafood Processing)
- Seaweed
- Offshore Oil & Gas
- Renewable Ocean Energy
- Minerals & Aggregates

Services €786bn
- Shipping/Maritime Transport
- Marine Commerce
- Marine Tourism (incl. Cruise)
- Ocean Survey
- Submarine Telecoms

Manufacturing €96bn
- Marine Equipment
- Marine ICT
- Marine Biotechnology
- Shipbuilding
Seafood Sector is Big Business in Europe

- **Employs 141,110 Full Time Fleet**
- **84,909 Vessels**
- **€ 7.7 Billion Catch Sector**
- **€ 23 Billion Production Sector**

(Source: US Fortune 500; Facts of the CFP, 2010)
Size and Composition of Sector

Irish Marine Sector €3 Billion

**Marine Services**
- Shipping And Maritime Transport: 1,275m
- Water-Based Tourism: 566m
- International Cruise: 66m
- Other Marine Services: 121m

**Marine Resources**
- Fish Processing: 366m
- Fish Landings: 210m
- Aquaculture: 117m
- Oil Exploration: 22m
- Gas Production: 115m
- Offshore Renewable Energy: 18m
- Seaweed: 9m

**Marine Manufacturing**
- Marine Technology: 69m
- Boat Building: 20m
- Other Marine Manufacturing: 27m
Harnessing Our Ocean Wealth: An Integrated Marine Plan for Ireland
GENESIS

Ireland is 90% underwater

Recognition of Ireland’s rich diversity of Marine Resources

The Integrated Maritime Policy for EUROPE
• Atlantic Action Plan (2014-2020)

Assessment of the Economic Value of Ireland’s Marine Resource
OUR VISION

Our ocean wealth will be a key element of our economic recovery and sustainable growth, generating benefits for all our citizens, supported by coherent policy, planning and regulation, and managed in an integrated manner.

GOAL 1
THRIVING MARITIME ECONOMY
- Sustainable economic growth of our marine/maritime sectors
- Increase the contribution to our national GDP
- Deliver a business-friendly yet robust governance, policy and planning framework

GOAL 2
HEALTHY ECOSYSTEMS
- Protect and conserve our rich marine biodiversity and ecosystems
- Manage our living and non-living resources in harmony with the ecosystem
- Implement and comply with environmental legislation

GOAL 3
ENGAGING WITH THE SEA
- Building on our maritime heritage, strengthen our maritime identity
- Increase our awareness of the value, opportunities and societal benefits
- Engagement and participation by all
Seafod (Fisheries, Aquaculture, Seafood Processing) - €1,000 million
SOURCE: Target for seafood set under Food Harvest 2020

Maritime Commerce and Ship Leasing - €2,600 million
SOURCE: IMDO 2020 projection

Marine and Coastal Tourism and Leisure (including Cruise Tourism) - €1,500 million
SOURCE: Fáilte Ireland 2020 projection

Marine ICT and Biotechnology - >€61 million
SOURCE: Projected based on 2007 SEMRU company survey

Ports and Maritime Transport Services, Maritime Manufacturing, Engineering, Offshore Oil and Gas, other marine industries - >€1,200 million
SOURCE: As measured from the most recent comprehensive review of Ireland’s Ocean Economy

PROJECTED ANNUAL TURNOVER 2020 > €6.4 BILLION
HARNESSING OUR OCEAN WEALTH
An Integrated Marine Plan for Ireland

As Taoiseach, I want to see us reconnect to the sea in a way that harnesses the ideas, innovation and knowledge of all our people, at home and abroad. I want to see us setting out to secure for ourselves and our children the social, cultural and economic benefits that our marine assets can deliver.

An Taoiseach, Enda Kenny, TD
February 2012.

Discussion document
February – March 2012

Action Plan
July 2012

New Ways – New Approaches – New Thinking

www.OurOceanWealth.ie
GES

- Biodiversity
- Non-Indigenous species
- Commercial fish and shellfish
- Food Webs
- Eutrophication
- Sea Floor Integrity
- Hydrographical Alteration
- Contaminants
- Contaminants in seafood
- Marine Litter
- Noise

EU LEGISLATION - MARINE STRATEGY FRAMEWORK DIRECTIVE (MSFD)
The Inter-Departmental Marine Co-Ordination Group

Marine Co-ordination Group (MCG)
Chair: Minister for the Marine, Simon Coveney, TD
Host: Dept. The Taoiseach (Prime Minister)
9 Government Departments (Assistant Sec level)

Function: To coordinate marine/maritime issues that require inter-departmental action
Harnessing Our Ocean Wealth: IMPLEMENTATION

8 Enablers – 39 specific actions

1. Individual Departments implementing relevant policy and strategy programmes
2. Improved cross-government communication and engagement (monthly meetings of MCG)
3. On-going up-dates by MCG Bureau – see www.ouroceanwealth.ie
4. Focused Task Forces to address specific actions (MSP and Integrated Enterprise Strategy)
5. Annual Review of Progress including annual public seminar.
Harnessing Our Ocean Wealth: An Integrated Marine Plan For Ireland

Plans to double ocean economy to €6.4bn

39 Specific Actions

- Governance: 2 Actions
- Maritime Safety, Security, Surveillance: 6 Actions
- Clean - Green - Marine: 7 Actions
- Business Development, Marketing, Promotion: 5 Actions
- Research, Technology, Innovation: 5 Actions
- Capacity, Education, Training, Awareness: 5 Actions
- Infrastructure: 5 Actions
- International & North-South Cooperation: 4 Actions

Action 29: Embed knowledge of our ocean wealth into the primary & secondary curricula: (e.g. Explorers' Programme and Follow the Fleet)
Action 30: Develop outreach programmes that create an awareness of our ocean wealth (e.g. national sea week, maritime day, maritime festivals, showcasing state infrastructure such as the Naval and Air Corps, Coast Guard, Research Vessels).
Towards an Integrated Marine Plan – Seeking Your Views

- Discussion Document
- Three Briefing Documents
- Dedicated website
- Ten Questions – online survey, post, email
- Discussion forum (pre-moderated)
- 192 submissions
- Analysis & Feedback
## Executive Summary

- Part I: Context
  1. Introduction
  2. Policy Context
  3. Drivers for Growth – The Market Opportunity
  4. Our Ocean Wealth – Facts & Figures
  5. Engaging with the Sea – Ireland – A Maritime/Coastal Nation
  6. Feedback from the Public Consultation

- Part II: Enabling an Integrated Marine Plan for Ireland
  8. Setting Ambitious, yet Realistic, Targets for Our Ocean Economy
  9. Enablers – Getting the Conditions Right for Growth

  - Key Actions on Governance
  - Maritime Safety, Security & Surveillance
  - Clean – Green – Marine
  - Business Development, Marketing & Promotion
  - Research, Knowledge, Technology & Innovation
  - Capacity, Education, Training & Awareness
  - Infrastructure
  - International and North/South Cooperation

- Part III: Implementing an Integrated Marine Plan for Ireland
  10. Implementing an Integrated Marine Plan for Ireland
  12. Progress and Commitment

- Part IV: Your Views
  13. Summary Feedback from the Consultation – Your Views

## Annexes

- Annex II: Glossary of Acronyms and Terms
Implementation

1. Individual departments implementing policies/strategies
2. Improved cross-gov communication and engagement across sectors
3. Ongoing updates to MCG
4. Focussed Task Forces that address specific actions
5. Qtr reporting and Annual Review (incl. Annual national seminar)
World Wave Energy Map
Annual average wave height is 2.5m-3m off the west coast of Ireland.
Ireland’s Prime Ocean Location for Ocean Energy

Natural resource

Markets
SmartBay Phase 2
Full range of Maritime Activities

Environmental monitoring

Shipping

Fishing, inshore and offshore

Marine leisure

Marine tourism

Aquaculture, finfish, shellfish

RD&D Aquaculture

RD&D Ocean Energy
An Assortment of Cetaceans
Harmful Algae Blooms
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Worlds Largest Seabed Mapping Project – MI & GSI