



22nd March 2010

Towards A New Horizon
Harnessing Ireland's Potential as a European and Global Centre
For
Ocean Technology

16.00 Registration

Session 1: Chair: Dr. Peter Heffernan CEO, Marine Institute

16.30 ***Welcome and Introduction*** – Minister Tony Killeen T.D., Minister of State, Department of Agriculture Fisheries and Food, Chair of Inter-Department Marine Co-ordination Group

16.40 **Keynote 1: *Marine & Maritime Research and Innovation: Harnessing the Potential***
Ms. Máire Geoghegan-Quinn - European Commissioner for Research, Innovation and Science

17.00 ***Catalysing an Ocean Technology Innovation Cluster in Ireland***
Yvonne Shields – Director, Strategic Planning and Development Services, Marine Institute

17.20 **Keynote 2: *Trends in Energy and Environmental Monitoring: Sensor to Web Applications*** Mr. Paul Lencioni – President, Netlink, Information and Communications Technology Consulting, US.

17.40 **Keynote 3: *New Opportunities to Extend the Reach of Foreign Direct Investment in Ireland***
Mr. Gerry Kilcommins - Vice President Global Vascular Operations & General Manager, Medtronic Ireland, Galway Site

18.00 Panel Discussion: Raising the Game: Playing to our Strengths!
Moderator: *Mr. Mike Devane, Partner – Quilly Consultancy and Board Member of the American Chamber of Commerce*

Mr. Robert McCarthy – Manager, Innovative Environmental Solutions Big Green Innovations, IBM Ireland

Prof. Martin Curley – Global Director of IT Innovation at Intel Corporation

Prof. Jim Browne – President, National University of Ireland, Galway

Mr. George Bennett – Head of CleanTech and Services Innovation, IDA

Dr Ruth Freeman – Director, Science Foundation Ireland

Mr. Brendan Hyland - Chairman, WFS Technologies

19.00 **Speed Networking Event**

20.00 Workshop Dinner (included in registration fee)

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Welcome & Introduction

Dr Barbara Fogarty - National Co-ordinator, Advanced Marine Technologies

Session 2: Environment: Sensing, Communications and Forecasting
Chair: Prof. Dermot Diamond, Director, National Centre for Sensor Research, DCU Principal Investigator, CLARITY Centre for Sensor Web Technologies

- 9.00 Keynote: *At the Leading Edge of a Global Environmental Renaissance*
Prof. John Delaney - University of Washington, Dept. of Oceanography
- 9.20 Case Study 1: *Water Technology Market Opportunities*
Mr. Paul O Callaghan – Principal, O₂ Environmental Inc, Technology Assessment Group
- 9.35 Case Study 2: *Underwater Communications*
Mr. Brendan Hyland - Chairman, WFS Technologies
- 9.45 Case Study 3: *Shoal Project – Autonomous Pollution Sensing in the Marine Environment*
Dr. Cian O Mathuna - Head Microsystems Centre, Tyndall National Institute & PI, CLARITY Centre for Sensor Web Technologies
- 9.55 Industry Insights (5mins each)
- **Mr. Gary Carroll** – CEO, Episensor
 - **Mr. Martin Horan** – M.D., Biotector Analytic Systems Ltd
 - **Dr. Richard Fernandes** – CEO, Luxcel Biosciences
- 10.10 Speaker Panel & Audience Discussion
- 10.45 Coffee

Session 3: Transport, Logistics and Security
Chair: Glenn Murphy, Director Irish Maritime Development Office

- 11.15 Keynote: *Transport, Logistics and Security – Opportunities for Ireland to capitalise on niche markets in the marine sector*
Mr Peter Mantel - Deputy Director, Transas Marine Ltd.
- 11.35 Case Study 1: *Seaport Security and Operations - Vehicle and Container Tracking*
Mr. Pat Flynn – CEO, Fairview Analytics
- 11.45 Case Study 2: *Ireland: Europe's Digital Lighthouse*

Dr Willie Donnelly - Head of Research and Innovation,
Telecommunications Software and Systems Group (TSSG)

- 12.00 Industry Insights (5 mins each)
- **Dr. Adrian Boyle** - Managing Director, Cathx Ocean
 - **Dr. Mark White** – CEO, Nowcasting
- 12.10 Speaker Panel and Audience Discussion
- 13.00 Lunch

Session 4: Energy: Renewables; SmartGrid; Oil and Gas

*Chair: Dr. Brian Motherway,
Chief Operations Officer,
Sustainable Energy Ireland*

- 14:00 Keynote: *How Ireland can become the prime mover in Ocean Energy*
Mr Ulf Tisell - Group R&D Director, Vattenfall
- 14.20 Case Study 1: *Offshore Grid Technology Opportunities*
Mr. Mark Norton Manager -Transmission Access Planning, EirGrid
- 14.30 Case Study 2: *Sea-based Trials of WiMax in SmartBay* –
Test Results from SmartBay
Mr. Dave Boundy – Research Manager, Intel Labs Europe
- 14.40 Industry Insights (5mins each)
- **Mr. Andrew Parish** - CEO, Wavebob
 - **Mr. Chris Leonard** - VP IPR Licensing, Intune Networks
 - **Mr. Paraic O Toole** – CEO, Automsoft
- 14.55 Speaker Panel and Audience Discussion

Session 5: Advancing Business and Investment Opportunities

*Moderator: Mr. Mike Devane, Partner – Quilly Consultancy and Board member of
the American Chamber of Commerce*

- 15.30 **Mr. Mark Gantly** – Managing Director, Hewlett Packard Galway
Dr. Adrian Boyle – Managing Director, Cathx Ocean
Mr. Barry Mc Sweeney – Director, National Knowledge Society
Strategy, Department of Communications, Energy and Natural
Resources
- 16.30 *Wrap up and close*
Yvonne Shields
Director, Strategic Planning and Development Services
Marine Institute