



MarineTT

European Marine Research Knowledge Transfer and Uptake of Results

Project number: 244164

Supporting Action
Seventh Framework Programme
Environment (Including Climate Change)

Deliverable D4.3

Proceedings

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months

Duration: 30

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Revision: V0

Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)	
Dissemination Level	
PU Public	X
PP Restricted to other programme participants (including the Commission Services)	
RE Restricted to a group specified by the consortium (including the Commission Services)	
CO Confidential, only for members of the consortium (including the Commission Services)	

Introduction

During the execution of the MarineTT project a number of barriers to stakeholder access and uptake of relevant knowledge and innovation from research were encountered and recorded. These barriers were discussed as part of WP 4 - Consultation with RTD performers and Stakeholders, with a wider audience at two dedicated MarineTT workshops:

1. From Marine RTD to Measurable Value Creation - An Open Stakeholder Workshop to Explore the Challenges and Solutions to Effective Knowledge Capture and Transfer (23 May, 2012)
2. How do we get more Innovation from Research? - Bringing together and learning from pioneering initiatives and novel approaches (19 July, 2012)¹

The objectives of the 1st workshop were:

- To map the barriers to knowledge capture, transfer and uptake of research for innovation that exist in the current research environment
- To identify the interdependencies between barriers
- To prioritise the critical challenges to uptake of research results and subsequent innovation
- To develop a collective plan of potential options that could be implemented across the system to resolve the critical barriers

The objectives of the 2nd workshop were to provide coordinators from similar Knowledge Management projects with a platform for an open exchange of experiences and ideas on overcoming barriers to innovation from research, including:

- To identify common issues affecting innovation from research
- To provide potential solutions to these barriers
- To validate these potential solutions based on project experiences and perspectives

Deliverable 4.3 provides the proceedings of two workshops and includes - the context for the workshops, the participants and the presentations given at the workshop.

¹ Refer to Deliverables 4.2 Handbooks for details on the discussion and outcomes from the workshops.

MARINETT WORKSHOP PROCEEDINGS

From Marine RTD to Measurable Value Creation

An Open Stakeholder Workshop to Explore the Challenges and Solutions to Effective Knowledge Capture and Transfer

– 23rd May 2012 –

- 1 MarineTT at a glance
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Marine TT at a glance

Title	European Marine Research Knowledge Transfer and Uptake of Results
Programme	FP7, Cooperation, Environment (including Climate Change)
Instrument	Coordination and Support Action (Supporting)
Total budget	€871,336
EC contribution	€782,000
Duration	February 2010 – January 2012
Coordinator	AquaTT Limited, Ireland
Partner	EurOcean, Portugal
Web	www.marinetLeu

Project objectives

MarineTT will step up to the challenge to unlock the knowledge potential of previously funded research activities using an innovative approach to address the problem:

- Gain a more comprehensive overview of the knowledge generated by reviewing research outcomes and identifying which could be potentially exploited.
- Devise and trial an innovative evaluation mechanism to identify the research outcomes with the most potential for exploitation.
- Connect and transfer knowledge to key stakeholders.



2 Context for the Workshop / Objectives / Target Audience

"Exploring the Challenges and Solutions to Effective Knowledge Capture and Transfer"

Context

"We need to get more innovation out of our research. Cooperation between the worlds of science and the world of business must be enhanced, obstacles removed and incentives put in place." Europe 2020 Flagship Initiative Innovation Union COM (2010) 546 final

The European Commission have provided a significant investment in marine research and development in the last 12 years across FP6 and FP7, latest figures estimate that more than € 1.98 billion have been provided to almost 985 projects (Source: EurOcean). If correctly exploited, the research outcomes could drive Europe's Knowledge Economy and secure an international reputation for Excellence in Marine Research. The EC is demanding improved systems and methodologies for knowledge capture and transfer both within FP7 and the upcoming successor programme – HORIZON 2020.

MarineTT is a timely FP7 Support Action that has been piloting new methodologies and tools for capturing, analysing and transferring knowledge from past and in-progress EC projects. The overall aim is to develop improved systems that can measurably demonstrate value creation from research investments.

During the course of MarineTT we have gained a number of insights into the way knowledge from EC funded projects is managed and have recorded barriers to stakeholder access and uptake of relevant knowledge. In parallel several other initiatives are also dealing with

different aspects of managing and transferring marine research knowledge. This event intends to bring together these projects, so that the accumulated experiences can be used to inform best practice going forward.

Objectives

Within this context, the objectives of the workshop were to:

- Map the barriers to Knowledge Transfer and uptake of research for innovation that exist in the current research environment
- Identify the interdependencies between barriers
- Prioritise the critical challenges to uptake of research results and subsequent innovation
- Develop a collective plan of potential options that could be implemented across the system to resolve the critical barriers.

Target Audience

Stakeholders from across the Marine Science System will participate so that all views are represented. Participation will be limited to a maximum of 40 persons.

3 Agenda

09.15 – 10.00

Coffee and registration

10.00 - 10.10

Welcome by Host – MarineTT

Overview of the MarineTT project – Mr. David Murphy (AquaTT)

Introduction to the integrated management methodology for the day – Dr. Mike Hogan (NUIG)

10.10 - 11.00

Setting the Scene - A: Knowledge Transfer Needs from the Key End User Stakeholders Perspective

European level policy advisor – Mr. Cornelis Vis (BEPA)

European Commission – Mr. Arnoldas Milukas (DG Research and Innovation)

Member States needs – Mr. Willem De Moor (JPI Oceans)

Technology Platforms representing Industry needs – Dr. Panos Christofilogiannis (Aquark)

11.00 - 11.35

Setting the Scene – B: Knowledge Transfer Insights from other initiatives (Pecha Kucha format presentations)

ICE2SEA – Ms. Heather Martin (British Antarctic Survey)

MESMA – Dr. Oscar Bos (IMARES)

Marcom+ – Dr. Wojciech Wawrzynski (ICES)

LEI Knowledge Groups – Drs. Wouter Jan Strietman (LEI)

11.35 - 11.50

Coffee Break

11.50 – 13.30

Interactive Facilitated Workshop – Dr. Mike Hogan (NUIG)

Interactive Management tools and Systems Thinking will be used to:

- Verify and clarify barriers identified
- Identify the interdependencies
- Prioritise the critical challenges
- Develop a collective plan of potential actions that could be taken across the system to overcome the critical barriers

13.30 – 14.00

Lunch

14.00 - 16.15

Interactive Facilitated Workshop (continued)

16.15

Conclusions

16.30

Closing of the Workshop – MarineTT

4 Workshop Presentations Session

The workshop began with short flash presentations to set the scene: A) needs of various stakeholder groups (Policy Makers – EU & Member State level – and Industry), B) Knowledge Management experiences of relevant projects.

4.1 Speakers – Short Biography

List of Speakers together with short biographies following the order of the Agenda:

Mr. Cornelis Vis (BEPA)
Mr. Arnoldas Milukas (DG RTD)
Mr. Willem De Moor (JPI Oceans)
Dr. Panos Christofilogiannis (Aquark)
Ms. Heather Martin (BAS)
Dr. Oscar Bos (IMARES)
Mr. Wojciech Wawrzynski (ICES)
Drs. Wouter Jan Strietman (LEI)
Dr. Mike Hogan (NUIG)

Mr. Cornelis Vis (BEPA)

Member of the Analysis team of the Bureau of European Policy Advisers (BEPA)

Mr. Vis holds degrees in economics and law (University of Tilburg, The Netherlands) and is specialised in the European policy domains of research, science and technology, innovation, higher education and the digital agenda, industry and internal market.

Before joining BEPA he worked at the European Commission's Directorate General for Research, initially as policy adviser on EU funding programmes in the strategy and policy unit, later on as policy coordinator in the Directorate "European Research Area; Knowledge-based economy", involved in the development of initiatives with other Directorates General, such as the European Institute of Innovation and Technology (EIT) and the "European partnership for researchers".

Other previously held positions include those of deputy director for international relations (Europe and the Russian Federation) at the Netherlands Research Council NWO, The Hague; executive director of the Netherlands house for Science and Technology (NEST), Brussels; and personal adviser to the President of the European Science Foundation (ESF), Strasbourg.

Mr. Arnoldas Milukas (DG RTD)

Head of Unit I.3 Head of Unit "Management of Natural Resources" - "Environment"; Directorate-General for Research and Innovation; European Commission

Mr. Milukas joined the European Commission in December 2005 and was appointed Head of Unit "Strategy and Policy" in the Transport Directorate of the Directorate General for Research. He had overall responsibility for Horizontal aspects and coordination in Directorate H "Transport" of DG RTD, including transport research policy and strategy aspects, with the main objective to develop integrated, safer, "greener" and "smarter" transport systems. In January 2011 he became Head of Unit "Management of Natural Resources" in the Environment Directorate of DG RTDI. His contributes to the development of the European Research Area through the implementation of the EC Research Framework Programmes in the field of management of natural resources and the support of other EU initiatives. He has to determine and formulate policy initiatives relevant to the EU research policy in the field of management of natural resources.

Before joining European Commission, Mr. Milukas held various positions in the Diplomatic Service of the Republic of Lithuania for the period of fourteen years. From June 2000, until 2004, he served as Deputy Head of Mission in the Lithuanian Permanent Representation to European Union, and was appointed as the representative of the Republic of Lithuania to the Western European Union (from January 2002) and EU Political and Security Committee (from May 2003). Subsequently he was nominated as Ambassador at Large in the ministry of Foreign Affairs of Lithuania in Vilnius.

Mr. Milukas earned a degree in International Economic Relations at the University of Vilnius in 1992. In 1999 he received a master's Degree in International Commerce at the Vilnius University. Prior to his university studies, he graduated at the Lithuanian Academy of Agriculture in Kaunas, earning a diploma with distinction in mechanical engineering.

Mr. Willem De Moor (JPI Oceans)

Communication and outreach adviser at the secretariat of the Joint Programming Initiative for Healthy and Productive Seas and Oceans (JPI Oceans)

Before joining the JPI Oceans secretariat, Mr. De Moor was a policy adviser at the Flemish Ministry for Economy, Science and Innovation where he was part of the EU presidency team. In this role he worked mainly on the organisation of the Strategic Energy Technology (SET)-plan 2010 conference and the EuroOCEAN 2010 conference. Previously he worked as a policy adviser to the cabinet of the Flemish Minister of Economy, Science and Innovation.

Mr. De Moor graduated with a Masters in Modern History at the KU Leuven. He spent an additional year in a Masters programme in Political Science – International relations at the Université Catholique de Louvain. His first work experience was as an Intern at the European Parliament.

Dr. Panos Christoflogiannis (Aquark)

Founder and Managing director of AQUARK – Aquatic Resources Managing Solutions – Consultancy training services in the field of aquaculture

Trained as a veterinary scientist, with a Ph.D in aquaculture, Dr. Christoflogiannis worked first as a Technical Scientist in the Institute of Aquaculture of the University of Stirling and became a Scientific Consultant for the Federation of Greek Maricultures (FGM) and the Head Fish Pathologist for three farm units.

Dr. Christoflogiannis is the Coordinator of Program PESCA for the foundation of system of self-monitoring in the Greek Mariculture industry and the Coordinator of Committee of Fish Pathologists. Dr. Christoflogiannis is also a FEAP expert in E.U Advisory Committee of Fisheries and Aquaculture and a Representative of FGM in the F.A.O.

Today, Dr. Christoflogiannis provides technical advice to the ELLINIKI ALIEFTIKI PIOTIKI (EL.A.PO), a sector-based non-profitable technology company responsible for the coordination of internal audits for the Greek Quality Scheme in the Greek Gilthead Sea Bream and Sea Bass, to the Federation of European Aquaculture Producers and to the Schering Plough Aquaculture in Greece.

Dr. Christoflogiannis operates the secretariat for the Hellenic Aquaculture Technology Platform and is involved in two WG of the Europe and Aquaculture and technology Platform. Given his blend of Academic achievement and Industrial experience he has a unique insight on both sides of the sector.

Ms. Heather Martin (BAS)

PR & Communications Manager at the British Antarctic Survey (BAS)

Representative of the Ice2sea project

Ms. Martin is a communications professional specialising in Polar Science working for the British Antarctic Survey (BAS), which is one of the world's leading environmental research centres and is responsible for the UK's national scientific activities in Antarctica. Ms. Martin focuses on building stakeholder engagement strategies using a range of tools to effectively communicate with key audiences.

Ms. Martin manages the communications for three major programmes of scientific research coordinated at British Antarctic Survey: 'Ice2sea' – an EU-funded FP7 programme that aims to improve projections for future global sea-level rise; 'Subglacial Lake Ellsworth' – an extraordinary scientific mission to access and sample an ancient buried lake in Antarctica; and the 'Arctic Research Programme', which enhances the UK's capabilities for scientific research in the Arctic.

Dr. Oscar Bos (IMARES)

Marine ecologist at the Institute for Marine Resources and Ecosystem Studies (IMARES) from Wageningen University and Research Centre

Representative of the MESMA project

Dr. Bos holds a Ph.D. in Marine ecology from the Netherlands Institute for Sea Research (NIOZ). Dr. Bos is the IMARES Biodiversity Theme coordinator and a member of ICES working group on Biodiversity. IMARES concentrates on research into strategic and applied marine ecology. And was established to provide the scientific support that is essential to developing policies and innovation in respect of the marine environment, fishery activities, aquaculture and the maritime sector. At IMARES, Dr. Bos mainly works in projects related to spatial pro-

tection measures and to biodiversity issues in the Dutch part of the North Sea.

Dr. Bos works on dissemination of the MESMA project results—an EU-FP7 project on monitoring and evaluation of spatially managed marine areas —.

Mr. Wojciech Wawrzynski (ICES)

Professional Secretary for Scientific Cooperation at the International Council for the Exploration of the Sea (ICES) in Copenhagen
Representative of the Marcom+ project

Mr. Wawrzynski is a PhD student on the field of financial mechanisms for the European Research Area at the University of Gdansk, Department of Economics and Business Administration. Before joining the ICES Professional Secretary for Scientific Cooperation, Mr. Wawrzynski was the Head of the Coordination and Promotion of Research Unit at the National Marine Fisheries Research Institute in Gdynia, Poland.

ICES coordinates and promotes marine research on oceanography, the marine environment, the marine ecosystem, and on living marine resources in the North Atlantic. Members of the ICES community now include all coastal states bordering the North Atlantic and the Baltic Sea. As part of ICES, Mr. Wawrzynski is the Project Manager for the MARCOM+, an FP7 support action to integrate the marine and maritime research communities by establishing a sustainable and long-lasting partnership forum (European Marine and Maritime Forum).

Drs. Wouter Jan Strietman (LEI–Wageningen UR)

Researcher and project manager at the Agricultural Economics Institute (LEI) from the Wageningen University and Research Centre Wageningen (WUR)
Coordinator of the Fisheries Knowledge Groups

Drs. Strietman holds a master in Economic Geography and experience in marine governance, marine environmental protection and regional economic development. At LEI – a leading institute for social-economic research in the fields of agriculture, horticulture and fisheries, the management of rural areas, the agricultural sector and the production and consumption of food. Drs. Strietman works in marine related socio-economic topics and is currently involved in projects related to the Marine Strategy

Framework Directive, Natura 2000 and the CFP.

In addition, Drs. Strietman is one of the coordinators of the Fisheries Knowledge Groups. The main goal of these groups, consisting of fishermen and scientists, is to increase cooperation among Dutch fishermen on a national level, and at the same time stimulate and empower fishermen to innovate towards more sustainable fisheries through joint projects and activities.

Dr. Mike Hogan (NUIG)

Lecturer in the School of Psychology, National University of Ireland, Galway.

Dr. Michael Hogan researches in the field of ageing cognition but has published in the following broad areas: Systems Science and Integral Frameworks (in Systems Research and Behavioral Science); behavioral and electrophysiological aspects of executive control, learning and memory (Experimental Ageing Research; Brain Research; International Journal of Psychophysiology; Cognitive Brain Research; Neuropsychobiology); Physical activity and ageing cognition (International Journal of Human Ageing and Development); Emotion, Personality and Cognition in younger and older adults (Psychology and Aging -Experimental Ageing Research); Emotion and cardiovascular responding (Biological Psychology -International Journal of Behavioral Medicine); The cerebellum and aging cognition (Cortex); Positive Psychology (The Journal of Positive Psychology); Critical Thinking and Education (Educational Research and Reviews; Thinking Skills and Creativity); Argument Mapping (Thinking Skills and Creativity); Chronic Pain (PAIN; European Journal of Psychological Assessment); Spirituality (Nova Science Publishers; Thinking Skills and Creativity); and Mindfulness (The Irish Psychologist).

In addition, Dr. Michael Hogan is also the book review editor for the Journal of Positive Psychology, a member of the European Science Foundation (ESF) Steering Committee for European Research Network for Investigating Human Sensorimotor Function in Health and Disease (ERNI-HSF), Co-Director of the Structured PhD in Perception, Cognition and Action, Co-Director of Structured PhD in Learning Sciences, and co-leader of the Health and Well-being priority theme at the Institute for Business, Social Sciences and Public Policy (IBSSPP), NUI, Galway.

4.2 Presentations

Welcome by Host – MarineTT

Overview of the MarineTT project - Mr. David Murphy (AquaTT)



MarineTT – In Brief

- Type of Funding Scheme: **Coordination and Support Action (supporting)**
- Work programme topics addressed:
ENV.2009.5.1.0.2 - Knowledge transfer and uptake of EU research results
- Partners: **AQUATT**
- Budget: **€782,000**
- Duration: **30m (Feb 2010 – July 2012)**

Policy Drivers



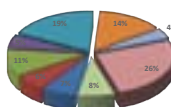
“We need to get more innovation out of our research. Cooperation between the worlds of science and the world of business must be enhanced, obstacles removed and incentives put in place.”

Europe 2020 Flagship Initiative Innovation Union
COM(2010) 546 final

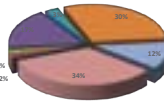
FP6 and FP7 Marine Projects

Source: Marine Knowledge Gate 1.0

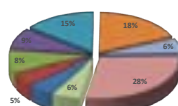
FP6 (471 Projects, €863 M)



FP7 (514 Projects, €1,123 M)*



Combined FP6 & FP7



* FP7 Data up to June 2011



How is MarineTT different?

- Change of focus:
 - Promotion of research projects
 - Identification of individual "Knowledge Outputs"
- The clustering, analysis and validation of "Knowledge Output" potential
- Customised Knowledge Transfer through appropriate positioning of Knowledge Outputs in the value chain (end user focused)
- Measuring the outcome of Knowledge Transfer and Impact(s)

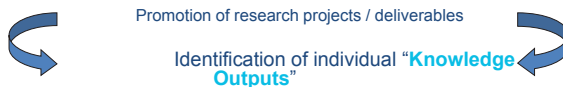
MarineTT Conceptual Approach



A "Knowledge Output" is the term used to describe a unit of knowledge that has been generated during a scientific project.

It is not limited to de-novo or pioneering discoveries but may also include new methodologies/ processes, adaptations, insights, alternative applications of prior know-how or knowledge.

MarineTT Conceptual Approach



- Clear & concise "Knowledge Output" description (including type, IP ownership, completeness, source)
- Identification of possible applications
- Identification of specific end-users
- Assessment of the market readiness

Knowledge Management Methodology



Project Structure: Phases & Status



Online Survey: 507 FP6 & FP7 Projects

Valid Responses: 148 Projects

Knowledge Outputs: 593

Project Structure: Phases & Status

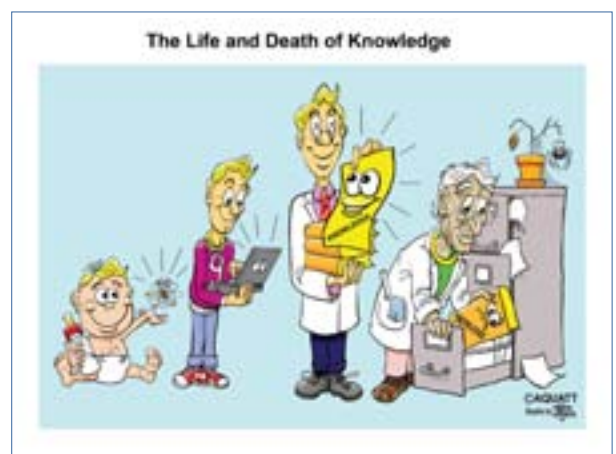
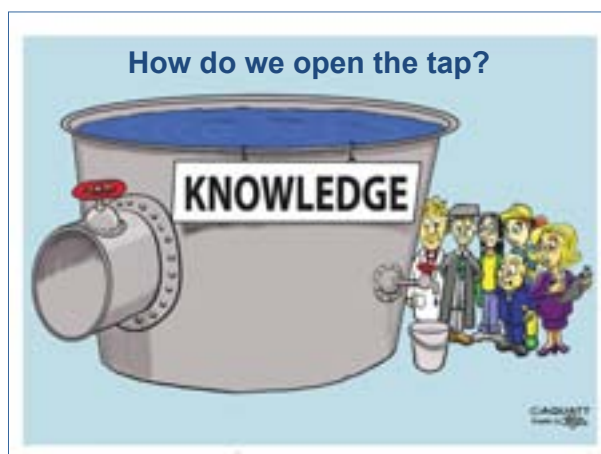
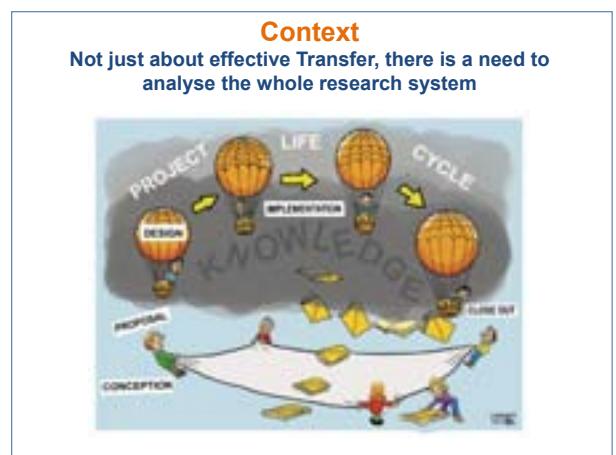


- 1) **Primary Analysis:** Reviewed survey responses & material
- 2) **Internal Analysis:** The MarineTT team reviewed KO's and validated content
- 3) **Coordinator Validation:** Coordinator approved final KO's
- 4) **External Assessment:** Sector focused experts validated content and identified high potential outputs



Context for today's workshop

More Innovation from Research



- 1) What are the barriers to innovation from Research
- 2) How do we Overcome the Barriers?



MarineTT Workshop

Agenda

1. Pre-Event: Participant perspectives on barriers
2. Stakeholder Perspectives
3. Insights from initiatives working in field of innovation from research
4. Facilitated participative sessions
5. Actions....Next Steps....

Contact Us

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Disclaimer



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Setting the Scene - A. Knowledge Transfer Needs from the Key End User Stakeholders Perspective

European level policy advisor – Mr. Cornelis Vis (Bureau of European Policy Advisors - BEPA)

* No Power Point Presentation is available as it was an oral presentation with no electronic support.

Mr. Vis discussed the need to convert European research outputs into innovation for industry. In view of the dire economic circumstances effecting Europe there was an urgent need to create new ways of stimulating sustainable economic growth. This is one of the main pillars of the 'Horizon 2020' strategy. However, results are not forthcoming as fast as the European Union would like and so new approaches are needed.

Budgets are declining and so the call is going out for the alignment of research agendas to address societal challenges (such as environmental challenges and energy supply challenges). In addition, new conditions for grant aid to research will be for researchers and companies to create innovation and technology transfer from the results of their research.

As a European level policy advisor, Mr. Vis noted that MarineTT is a timely initiative and welcomed the approach adopted by the project which is in line with policy trends in trying to extract more results from research in a "investment in = innovation out" principle. This is a holistic approach that will shape the research programmes in the future, which will enhance cooperation between research institutions and business.

European Commission – Mr. Arnoldas Milukas (DG Research and Innovation)

Knowledge Transfer Needs: challenges

Arnas Milukas
Head of Unit I3
Management of Natural Resources

Knowledge Transfer Needs: challenges

Science – an unusual trade

The communication conundrum

The scientist's view is not an opinion

- Tested against alternative hypotheses, peer reviewed
- Not easy to explain scientific method to lay audience

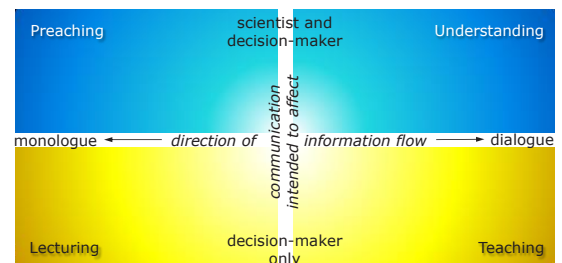
The scientist is the expert

- Years spent developing understanding
- Easy to appear arrogant, superior, a caste apart

The scientist holds "the truth"

- Obtained objectively, unbiased (non-negotiable)
- Not easy to explain that this is not just another stakeholder's view

Communication flow and effect



Facts are not enough

Models of communication

- Deficit
- Contextual

Deficit model: asymmetric monologue

lack of sufficient knowledge -> inadequate response
adequate information -> appropriate action

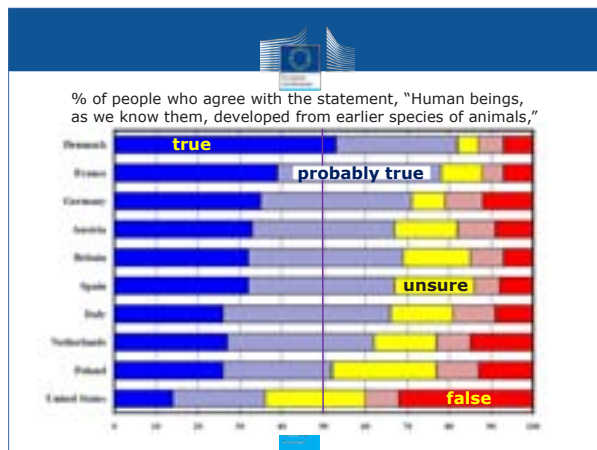
- so just arrange information better
- and explain why action is in the public's interest...

...and everything will be OK

...except it doesn't work

- Climate change
- Evolution

Political orientation determines your willingness to listen



Contextual model

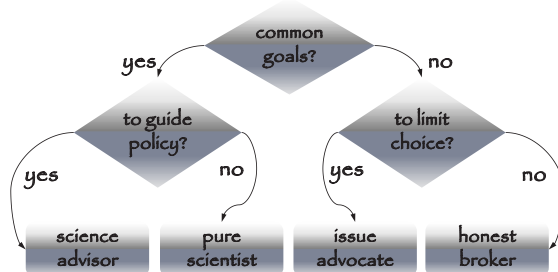
Better framing-> acceptance

- What is your audience's attitude towards science?
- What experiences have they had that might fix their views?
- What do their peers think?
- What is the profile of the person who gives them knowledge?
- How do they package the information to be shared?
- Under what circumstances is the sharing taking place?
- What are the motives of the person sharing knowledge?

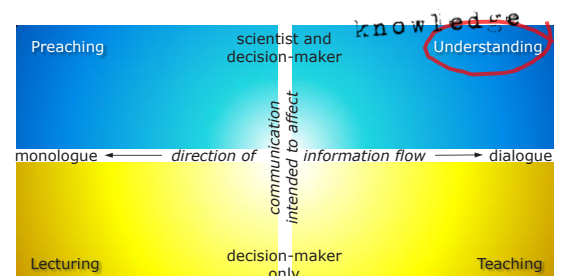
Camouflaged deficit model

- Although it acknowledges that knowledge transfer is difficult
- It still assumes the value of scientific knowledge

Pielke (2007) the honest broker



Communication flow



The policy-maker: a profile

Lawyer, not scientist

- is not trained to seek "objective truth" but to win arguments by picking out favourable facts

Deals with several distinct issues

- needs intelligible, communicative sound-bites

Under pressure all the time

- needs the right element of information at the right moment
- has no time for discourses on evidence, probability, and the limits of knowledge

Knowledge transfer

14bn years ago: Universe begins



The universe began with a 'Big Bang' just less than 14 billion years ago.

Before it, the universe was tiny, incredibly dense and unimaginably hot. All of space, time and energy were contained in an area almost infinitesimally small.

The universe suddenly expanded at an incredible rate, so that a tiny fraction of a second later it was a thousand billion billion kilometres across.



Message

Get the story line right! Tell me...

- **Why am I reading this?**
- **What do you want me to do?**
- **In 25 words or less, why should I do it?**
- **Why am I the right person to do it?**



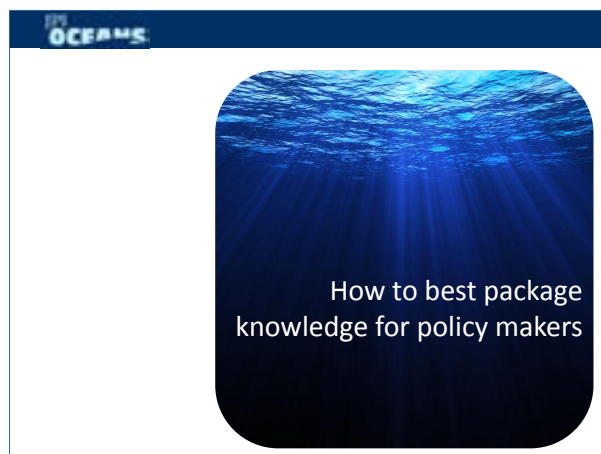
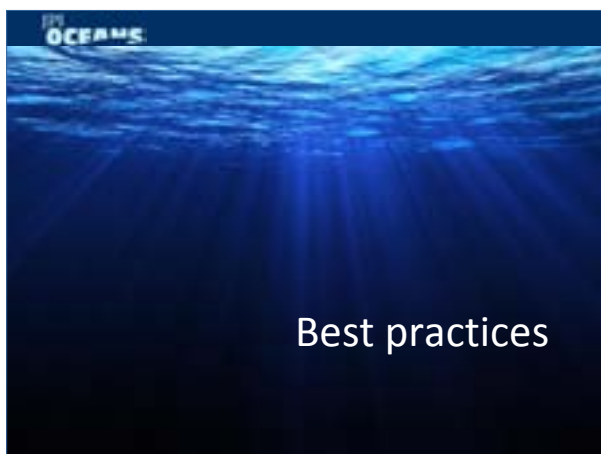
JPI needs – Mr. Willem De Moor (JPI - Oceans)



Stakeholder platforms and
umbrella organisations




Google Search You're Feeling Lucky



Focus on relevance
for policy makers
on project
websites



Straightforward and
simple and relevant
abstracts

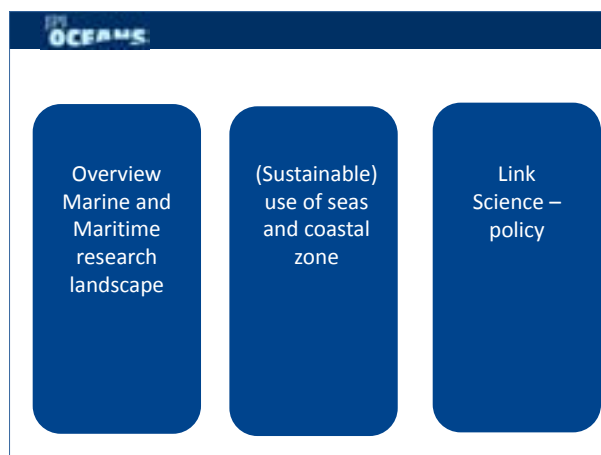
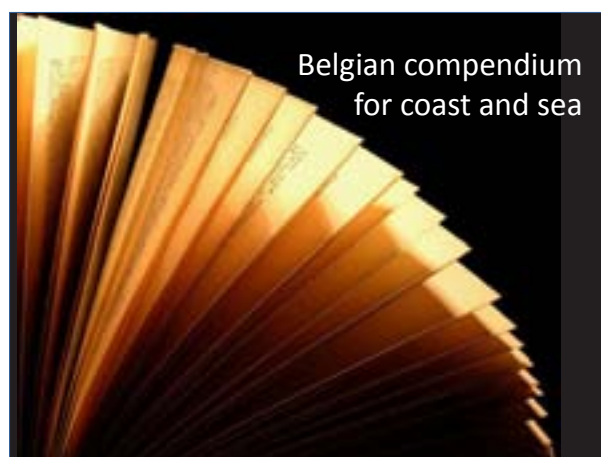
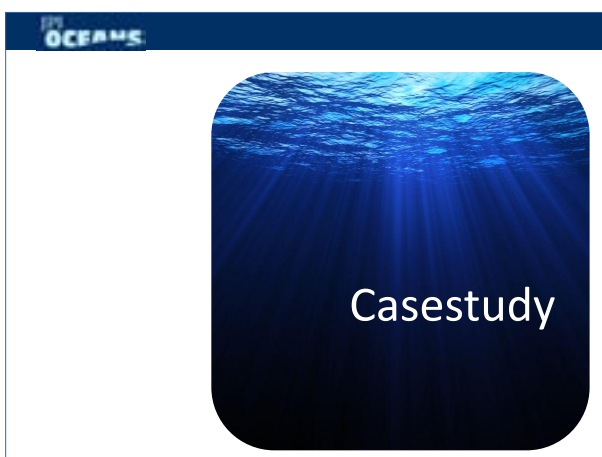
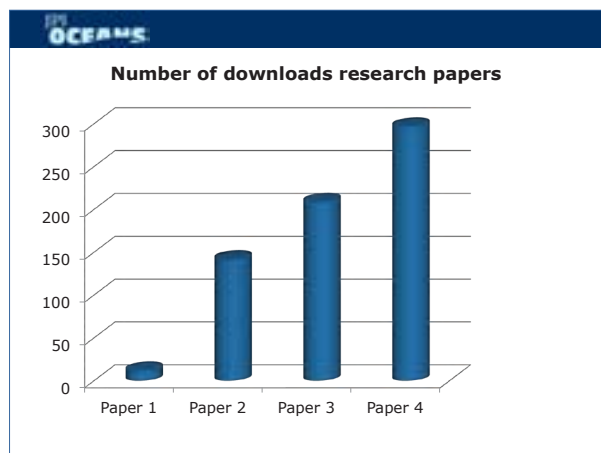
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Efficient mechanisms for
interaction & knowledge transfer

Use of social media



www.marinett.eu | 17

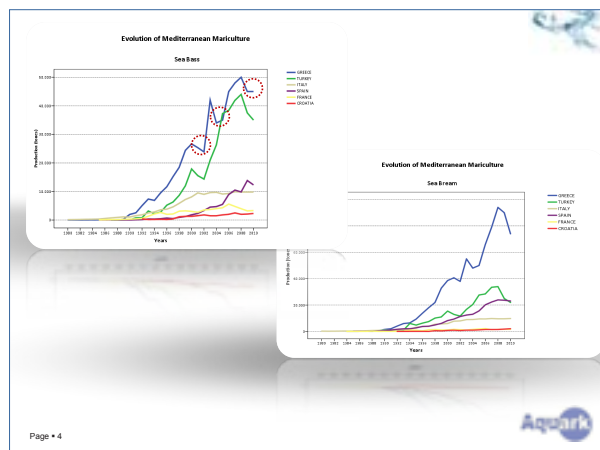
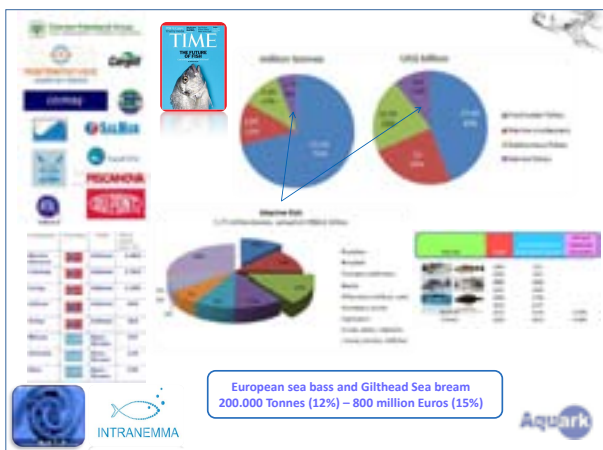
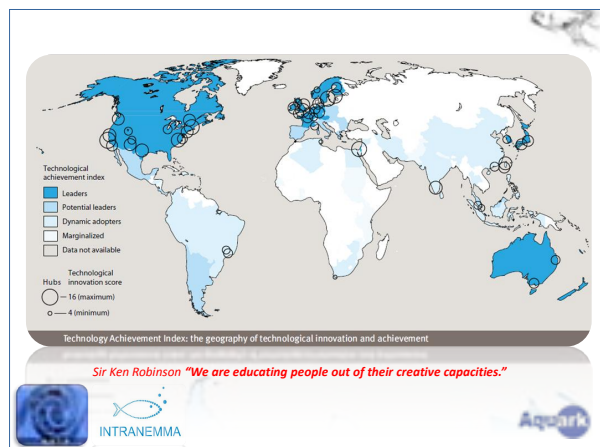


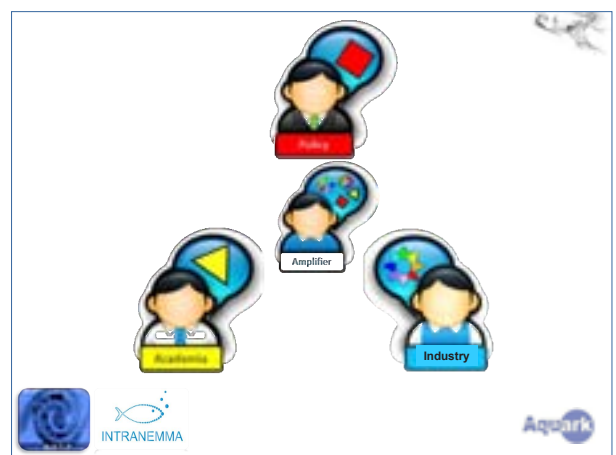
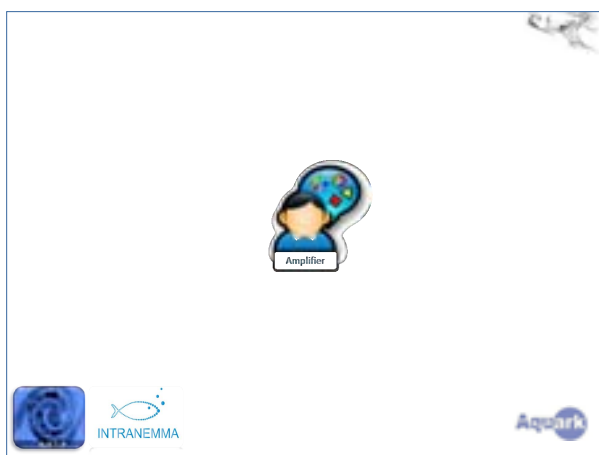
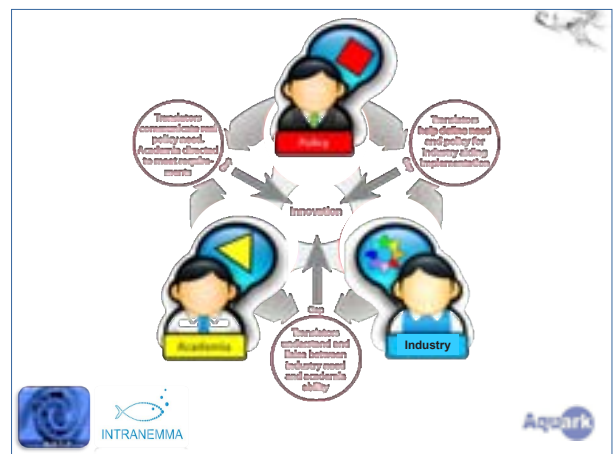
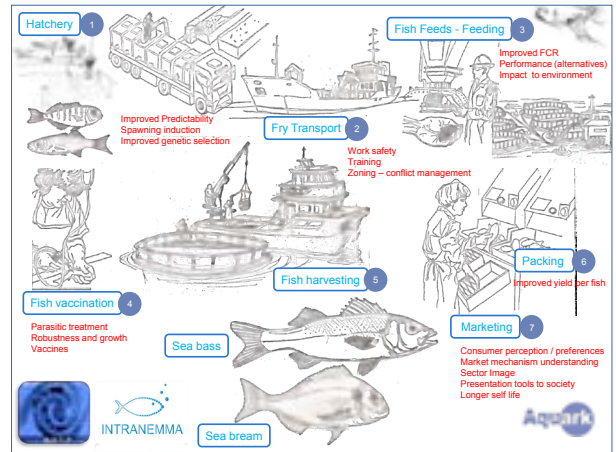
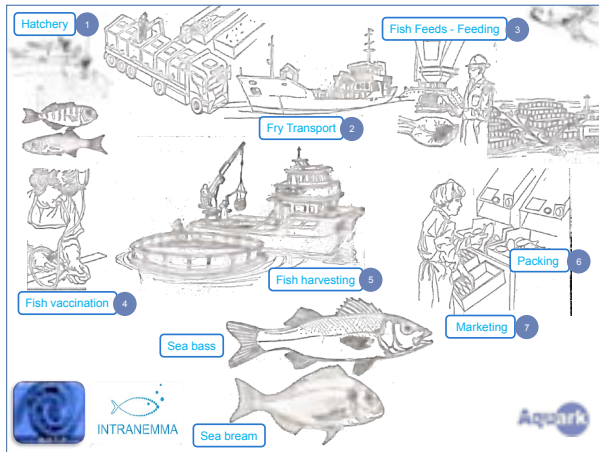


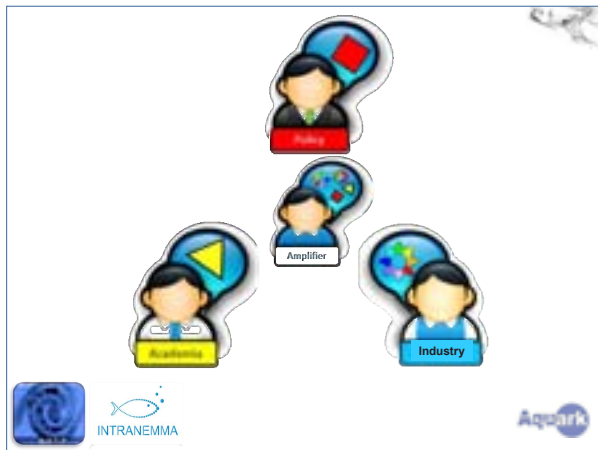
Technology Platforms representing Industry needs – Dr. Panos Christofilogiannis (Aquark)

Knowledge transfer in Mediterranean Mariculture

Dr. Panos Christofilogiannis
Managing Director
AQUARK







Mediterranean Mariculture Industry

- Huge capacity to generate production data but mistrust and protectionism lead to misconceptions
- Lack of training and applied lifelong learning
- Lack of research activities in most of the SMEs companies
- Outsourcing of Technology transfer to the supply sector
- Lack of internal benchmarking mechanisms
- CEOs along with Top Level management need
 - to understand the potential for further optimization
 - to value research as development tool and to avoid being reluctant to invest in research activities and impatient to result delivery.
- Middle management often acts as a barrier to innovation
- Lack of industry mechanisms to follow up European and International developments in Research (Role of Producer Associations)

Mediterranean Mariculture Academia / Research community

- Incomplete distorted knowledge of the industry's priorities.
- Elitist approach, rigid framework, no facilitation of open collaboration with the industry.
- System that only rewards publications in Peer review journals
- Skepticism and lack of professional approach in IPR issues
- Critical on methods without respecting applied solutions or avoidance practices that the industry developed alone through trial and error
- Major gap in academic training is the economic evaluation as a key attribute in any scientific experiment or solution

*In order for universities to act as engines of economic growth they must translate their research into economic activity.
Non-commercialised ideas are little beyond dreams;
innovation means taking invention to market*

Mediterranean Mariculture Industry Amplifiers

- Combination of high scientific profile and close collaboration with the industry to facilitate Impact.
- Consulting has developed a bad reputation and has been linked to advice during the development phase of aquaculture industry and access to funding mechanisms or representation to authorities for operational issues.
- The Sector is mature enough to accept and adopt amplifier organisations
- European Aquaculture Research community is today leading the world – scope to transfer European knowhow in other regions with the collaboration of European aquaculture companies.

How we can facilitate INDUSTRY – ACADEMIA interactions?

There are a number of key factors that are vital for generating impact from Aquaculture Research:

- Establishment of networks and relationships between industry and research community (Leading role – Evolution of Technology and Innovation platforms)
- Involvement of industry at all stages of the research
- Well-planned public engagement and knowledge exchange strategies
- Portfolios of research activity that build up reputations with the industry
- Good infrastructure and management support
- Involvement of knowledge brokers as translators and technology transfer amplifiers.

How we get more out of research spending ?

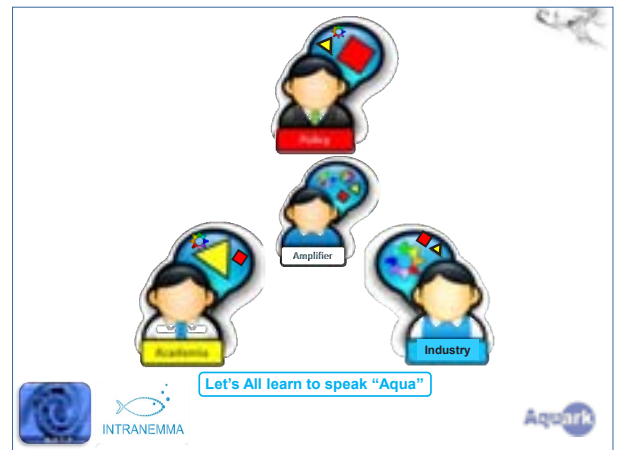
- Design EU RTD work programmes to aim at quantifiable research outputs
- All RTD consortia should involve research impact organizations to guide the RTD to the applied outputs, identify the commercially important attributes and assist on IPR management and communication with potential industry stakeholders for readily uptake.
- RTD Consortia further to scientific quality should be scored on Industrial relevance and anticipated impact
- All RTD projects should include and should be evaluated based on their exploitation plan. This Plan should lead to real innovative products and services rather than final reports.
- EU Aquaculture Research outputs should be gathered and become accessible by all Fisheries and Aquaculture journals, along with the databases of universities (access to post-graduate theses, doctoral).
- All research projects learning outputs should be facilitated gathered, coded, analysed, audited and be readily available to the industry stakeholders as a common pool of knowledge.



How to increase ROI of aquaculture research ?

- CRITICAL Evaluation of the impact of efforts made so far (Aqua-TNET, Aqua Flow, educational programs, joint research projects, technology parks, spin-off, centers of innovation, excellence, etc.)
- Audit and critically define their success, failure and the reasons behind it.
- Move from the logic of money-absorbing projects to achieve:
 - tangible substantial impact to the industry
 - improved competitiveness and addressing issues of sustainability
- This requires continued investment in innovation to overcome technical barriers and improve efficiency.
- Further to the Aquaculture Industry, Academic institutes and Research communities, innovation and technology transfer requires mobilization of Technology and Innovation platforms at national and regional level as well as input by knowledge amplifiers, technology transfer facilitators and research impact organizations





Setting the Scene - B. Knowledge Transfer Insights from other initiatives (Pecha Kucha format presentations)

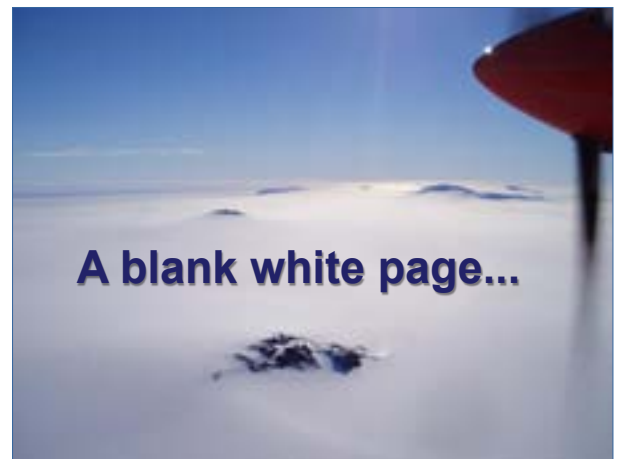
ICE2SEA – Ms. Heather Martin (British Antarctic Survey)



Ice2sea

Barriers to Communication

Heather Martin, Ice2sea Communications Coordinator
British Antarctic Survey
www.ice2sea.eu
@hlmartin83



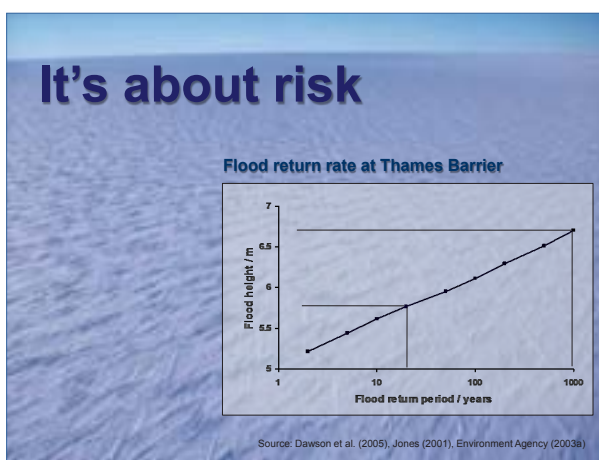
What is Ice2sea?




Who is Ice2sea?







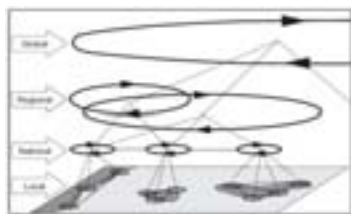


MESMA – Dr. Oscar Bos (IMARES)



Aim of MESMA:

Produce an integrated and flexible management tool box (concepts, models and guidelines) for monitoring and evaluation of spatially managed areas (SMA) at different scales (local, national, regional)

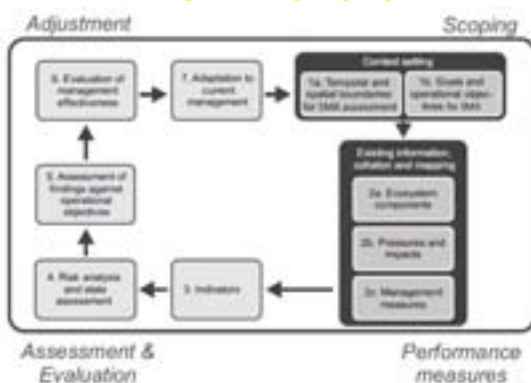


MESMA framework at the heart of the project



Monitoring and Evaluation of Spatially Managed Areas

MESMA Framework







Marcom+ – Mr. Wojciech Wawrzynski (ICES)

ICES CIRM

Marine Research Knowledge Transfer



MarineTT Stakeholder Workshop on Knowledge Transfer - Brussels, 23 May 2012

ICES CIRM

Network of Networks



Towards an integrated marine and maritime science and technology community

MARCOM+ ICES CIRM



The European Commission proposed support of a new governance model for M/M research that will take the form of a **"Forum"** and will advise the EC on policy making

A Forum bringing together a partnership sustainable over the long term, involving existing M/M research networks and key partners

MARCOM+ ICES CIRM

Elements addressed

- The issue of **marine and maritime** key stakeholder integration. There are interrelations that are being identified in order to propose a research framework that allows enhancing synergies;
- Permanent dialogue between the European Commission and European **marine / maritime** research communities.



ICES CIRM



Source: A European Strategy for Marine and Maritime Research (Sept 2008)

MARCOM+ ICES CIRM

'WE': MARCOM + Consortium (1/2)

- Coastal and Marine Union
- Community of European Shipyards' Associations (representing the Waterborne Technology Platform)
- European Council for Maritime Applied Research and Development Association
- European Aquaculture Technology and Innovation Platform
- European Fisheries and Aquaculture Organization




MARCOM + Consortium (2/2)

- Hellenic Centre for Marine Research (representing the European Global Ocean Observing System)
- International Council for the Exploration of the Sea
- Marine Board of the European Science Foundation
- Royal Netherlands Academy of Arts and Sciences (representing the European Network of Marine Research Institutes and Stations)
- Mediterranean Science Commission



MARCOM group



The communication challenge – to convene two communities whose research needs are governed by different drivers.

<p>Maritime industry:</p> <ul style="list-style-type: none"> - to achieve competitiveness - to run safe, sustainable and efficient operations - to position the maritime industry to meet future challenges - to achieve cost-efficiency. 	<p>Marine research:</p> <ul style="list-style-type: none"> - the need to understand ecosystems, how they function and how they change, - to understand the impacts of human activities on ecosystems and to develop options for sustainable use.
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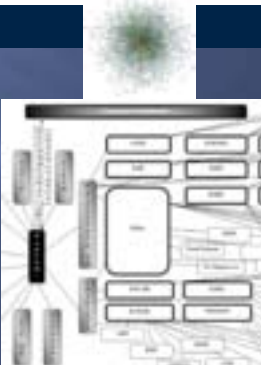


Communication / cooperation barriers

differences in optics



differences in interests

'Single voice' of science

'a distributed network and speaking with one voice are contradictory things'






ICES
CIEM

Cooperation opportunities

- consensus among M/M stakeholders on strategic research issues at pan-European and regional levels
- strengthen interdisciplinary cooperation and generate integrated scientific
- **exchange knowledge on M/M issues and disseminate research results and knowledge;**
- **exchanges between science and industries, as a way to identify issues of common interest and potential cooperation between both sides;**



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Cooperation opportunities

- ways and means on how scientists can be involved in the commercial exploitation of the results stemming from their research;
- concerted dialogue between the scientific community and policy-makers, delivering greater consistency between research objectives and policy goals, and channelling findings of research towards policies;
 - consolidated voice explicit;
 - competition between science disciplines;
 - ERA – reducing fragmentation.



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Review of MARCOM+ activities

1. InterDisciplinary Dialogue Across Science Panel
2. **Technology (Knowledge) Transfer Panel**
3. Policy Interface Panel
4. Research Infrastructure Development Panel
5. Foresight Panel

Success stories of marine-maritime cooperation
Success cases of knowledge / technology transfer
Models of collaborating with business and industries



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1,481 visits from 71 Countries/zones



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Marine / Maritime innovative studies – potential & opportunities

- Marine algae contain anti-oxidants, pigments and vitamins that are being used in cosmetic products;
- Floating bioreactors to detect and degrade organic pollutants in ship ballast waters;
- Jellyfish: Exploitation of biomass for human consumption, for fertilizer production + cement production - inclusion of jellies increases mechanic strength of cement by nearly 50%;
- Studies on submarine hot springs where specific organisms are gathered to be turned into antibiotics, components of cosmetics and food additives with industrial promise;



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Communication challenges

- prove that research and emerging technologies are financially attractive to companies;
- graduates with specific skills are needed for the transfer of knowledge or for e.g. developing result based management. Specific masters courses to be conducted at universities;
- to express the importance of marine / maritime research and its leverage to the European economy.

Potential end-users

Apart from the European Commission the following potential end-users have been identified and should be taken into account:

- 1. JPI Oceans
- 2. JPI Agriculture
- 3. National Research Agencies
- 4. Business owners
- 5. European Institute of Technology

Thank you for listening!

Adi Kellermann
adi@ices.dk

Wojciech Wawrzynski
wojciech@ices.dk

LEI Knowledge Groups – Drs. Wouter Jan Strietman (LEI)

Fisheries Knowledge Groups
Background, results and ambition for the future

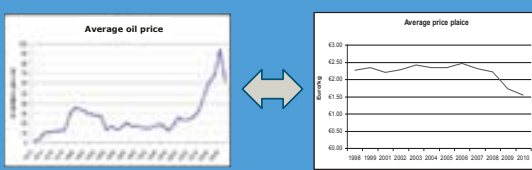
Wouter Jan Strietman
LEI, part of Wageningen UR, The Hague



Contents

- Challenges facing the Dutch fisheries
- Fisheries Knowledge Groups
- Examples
- Ambition for the future

Challenge: economic sustainability (1)



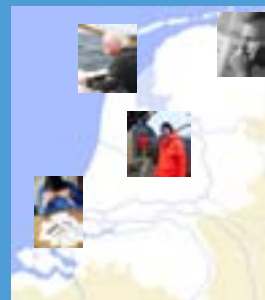
Challenge: economic sustainability (2)



Challenge: ecological sustainability



Challenge: Segmentation of knowledge



Enabling the Dutch process of transition



Fisheries Knowledge Groups

Fisheries Knowledge Groups: Aims



Characteristics

- Partnerships between fishermen and scientists;
- Fishermen take the initiative by deciding which themes, activities and research to work on;
- All knowledge output is made *publicly available*.

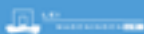
Twelve Fisheries Knowledge Groups

One third of all Dutch fishermen are related to the following Knowledge Groups:

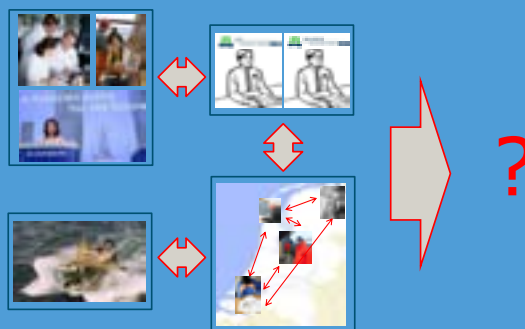
1. Pulse and SumWing fisheries for flatfish
2. Transition in the Southern North Sea
3. Entrepreneurship in the flatfish fishery
4. Aquaculture
5. Small-scale coastal and sea fisheries
6. Gillnet fisheries for sole
7. Shrimp fisheries
8. Flyshoot fisheries
9. Oyster cultivation
10. Fresh water fisheries
11. Outrig fisheries for flatfish
12. Twinning fisheries for Norway lobster and plaice

Role of LEI and IMARES

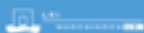
- Facilitating meetings and overall coordination
- Carrying out *research projects and experiments*:
 - LEI focuses on socio-economic research
 - IMARES focuses on ecological research



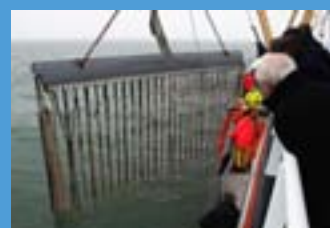
The process of knowledge exchange



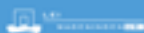
Innovation!



Example 1: Knowledge Group Pulse Wing fisheries



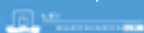
- Results:
 - A reduction in fuel consumption of up to 60%;
 - A reduction in by-catch of up to 50%.



Example 2: Knowledge Group Oysterfarming



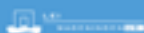
- Results:
- The successful installation and testing of oysterseed collectors
 - Developing a plan to market oysters in an innovative, cooperative way



Example 3: Knowledge Group Smart Entrepreneurship



- Results:
- Design and future testing of a multi-purpose ship
 - A radical plan for transition of the flatfish fisheries



Conclusions and ambition (1)

- Partnerships between fishermen and scientists accelerate the transition and innovation process
- Knowledge exchange has shown to be the key to innovation
- The concept of the Fisheries Knowledge Groups is a way to ensure impact from research.



Conclusions and ambition (2)

- Many fisheries throughout Europe face similar challenges; Knowledge exchange on a European level could be the key to accelerated innovation;
- Our ambition is to collaborate with European partners to develop our plan of European Knowledge Groups.



Thank you for
your attention

Wouter Jan Strietman
LEI, part of Wageningen UR, The Hague

Wouterjan.strietman@wur.nl



5 Workshop Interactive Session

The interactive session followed a methodology that allows direct consultation with and input from those with experience of the research lifecycle and barriers of innovation from research.

The workshop focused on:

- a) The identification of critical barriers to Knowledge Transfer and innovation from research and
- b) Brainstorming on the design of a set of options that could potentially address such barriers.

Interactive Management (IM) was used to understand the issues of Knowledge Transfer. During the workshop participants were asked to:

- Develop the Structural map to illustrate the barrier relationships which in turn would identify the critical barriers
- Generate a set of options for resolution of these barriers
- Clarify the meaning of these options
- Prioritise options according to relevance

IM is a thought mapping technique that enhances group problem solving which recognizes that multiple viewpoints on an issue are needed to resolve complex problems. The goal of IM is to help participants to:

- Develop an understanding of the issues they face
- Establish a collective basis for thinking and working cooperatively
- Produce a framework for effective action

5.1 Online Survey

Prior to the MarineTT workshop, all registered participants were surveyed to identify barriers and solutions to effective Knowledge Transfer. Participants were sent an online survey (see below) in which they were asked to rank their barriers in order of priority.

Snapshot of the MarineTT Survey



1. Which stakeholder community do you belong to?

☐ Industry

☐ Policy Maker

☐ Funding Agency

☐ Researcher

☐ Other (Please Specify)

2. Please list what you think are major barriers to getting Innovation from Research?
(Barriers can relate to any stage of the research lifecycle. We ask that each barrier you identify be expressed in the form of a short and informative statement, containing one single barrier (e.g., "Lack of incentive to scientists to transfer knowledge")

1

2

3

4

5

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10

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12

13

14

15

3. From the barriers you identified above, which 3 do you think are biggest bottlenecks to getting innovation from Marine Research and why?
(Please re-enter the barrier and then provide an explanation)

Main Bottleneck 1)

Main Bottleneck 2)

Main Bottleneck 3)

4. Do you have any ideas as to how the major bottlenecks you have identified could be overcome?

Potential Solution(s) to Bottleneck 1)

Potential Solution(s) to Bottleneck 2)

Potential Solution(s) to Bottleneck 3)

5. Any Other Comments?

Survey responses (i.e. barriers and ranks) were collated and categorised by MarineTT. Barriers which were considered to address a similar issue were assigned to a category of barrier.

The following 12 most critical barriers / category of barrier were identified for further discussion during the Interactive Management session of the workshop:

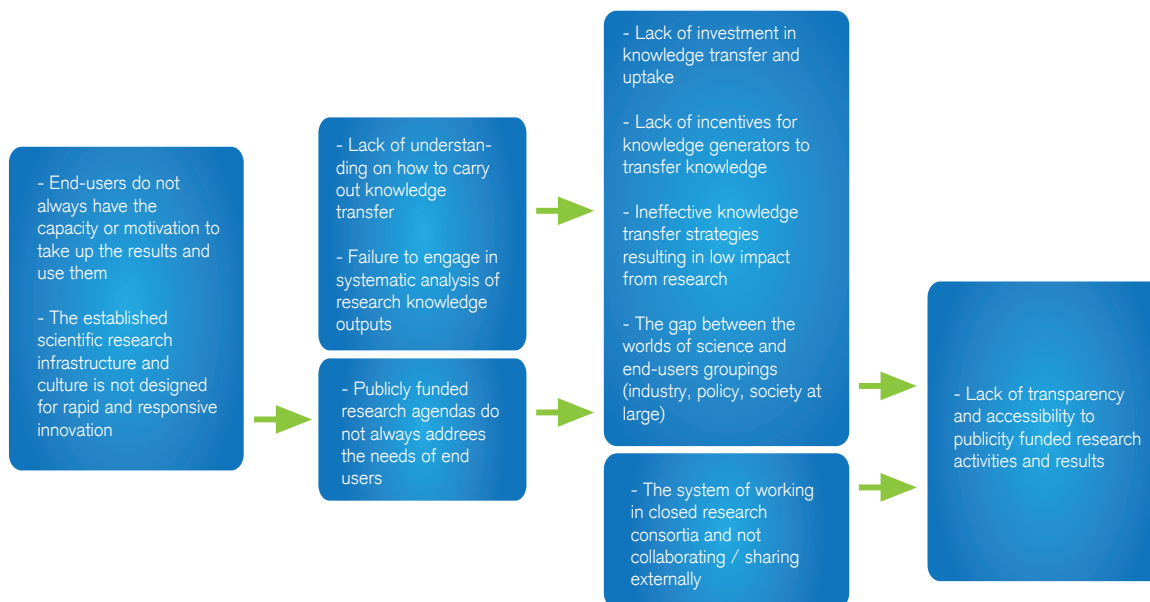
1. Lack of understanding on how to carry out Knowledge Transfer
2. Lack of investment in Knowledge Transfer and Uptake
3. Lack of incentives for knowledge generators to transfer knowledge
4. Lack of transparency and accessibility to publicly funded research
5. Ineffective Knowledge Transfer strategies result in low impact from research
6. Publicly funded research agendas do not always address the needs of end-users
7. The system of working in closed research consortia and not collaborating/sharing externally can limit innovation
8. Inflexible research implementation requirements that restricts consortia from adapting in response to interim findings
9. Failure to engage in systematic analysis of research knowledge outputs (essential to identifying potential end-user(s), applications of the knowledge and understanding of realistic timelines for innovation)
10. The gap between the worlds of science and end-user groupings (industry, policy, society at large)
11. End-users do not always have the capacity or motivation to take up results and use them
12. The established Scientific Research Infrastructure and Culture is not designed for rapid and responsive innovation

5.2 Preliminary Outcomes

All workshop participants worked together to consider all possible relationships with the 12 aforementioned critical barriers and a matrix was created.

From the matrix the following graphical structural hypothesis was generated that provided the group with deeper insight into the system of relationships between barriers and the problem field:

System Diagram of Barriers



This exercise generated an overview of the barriers, where they occur and their influence, which provided a map of the four critical barriers/bottlenecks to effective Knowledge Transfer encountered by participants:

- The established Scientific Research Infrastructure and Culture is not designed for rapid and responsive innovation
- End-users do not always have the capacity or motivation to take up results and use them
- Lack of understanding on how to carry out Knowledge Transfer
- Publicly funded research agendas do not always address the needs of end-users

Participants were then broken into three Working Groups (balanced by stakeholder groups) and were tasked with developing options for resolution of these barriers.

This phase of idea generation resulted in an initial set of 54 options for resolution of the barriers. Options can be separated into several different categories including;

- Institutional Options –e.g. use different metrics to record impact from research, change incentives to knowledge generators to measure innovation from research, reward good practice, science as a business etc.
- Structural Options – e.g. change in design of

funding calls, change in duration of projects, calls to focus on end users, involve end users in setting agenda etc.

- Strategic Options – e.g. develop a universal definition of Knowledge Transfer, early identification of end users, provide training in Knowledge Management, reduction in bureaucracy
- Communication Options – e.g. sharing of results, increased transparency, relationship/trust building, open access, public consultation, easy access, common resources etc.

All the outcomes of the workshop activities are further described in the Event Report, which is available through the MarineTT website (www.marinettt.eu).

The outcomes of this exercise will be further developed as a collective action plan and will become part of the MarineTT “Best Practice Guidelines for Marine Research Knowledge Transfer”, which will be developed following a 2nd MarineTT Workshop that will build on the initial Marine Community effort by broadening the scope to include other sectors.

Outcomes from both MarineTT workshops will identify commonalities in Knowledge Management barriers and potential solutions which will be disseminated to decision makers to help inform future research design to ensure impact from research.

6 List of participants

A total of 26 participants from different stakeholder groups (Research, Policy, Industry and Knowledge Management) attended the event.

Surname	Name	Association	Country
Rodriguez Alfaro	Sebastian	DG MARE	Belgium
Bos	Oscar	IMARES	Netherlands
Caetano	Ana-Teresa	DG Research and Innovation	Belgium
Carvalho	Telmo	EurOcean	Portugal
Christofilogiannis	Panos	AQUARK	Greece
Costa	Cristina	EurOcean	Portugal
De Moor	Willem	JPI Oceans - Flanders Marine Institute	Belgium
Dhont	Jean	University of Ghent	Belgium
Garriga	Maica	EurOcean	Portugal
Grehan	Anthony	National University of Ireland, Galway	Ireland
Hill	Louize	Independent	Belgium
Hogan	Mike	National University of Ireland, Galway	Ireland
Joyce	John	Independent	Ireland
Lewis	Tony	University College, Cork	Ireland
Marmelstein	Gill	AquaTT	Ireland
Martin	Heather	British Antarctic Survey	UK
Milukas	Arnoldas	DG Research and Innovation	Belgium
Murphy	David	AquaTT	Ireland
Newman	Stephanie	Institute for European Environmental Policy	UK
Ni Cheallachain	Cliona	AquaTT	Ireland
Robins	Dawn	University of Chichester	UK
Santurtun	Marina	AZTI Tecnalia-Investigacion	Spain
Strietman	Wouter Jan	LEI, University of Wageningen	The Netherlands
Vielmini	Ilaria	AquaTT	Ireland
Vis	Cornelis	Bureau of European Policy Advisors	Belgium
Wawrzynski	Wojciech	ICES	Denmark

MARINETT WORKSHOP PROCEEDINGS

How do we get more Innovation from Research?

Bringing together and learning from pioneering initiatives and novel approaches

- 19th July 2012 -

- 1 Agenda
- 2 Biographies
- 3 Workshop Presentations Session
 - 3.1 Presentations
- 4 List of participants
- 5 Workshop Results: Barriers

1 Agenda

09.15 – 10.00

Coffee and registration

10.00 - 10.20

Welcome by Host – David Murphy (AquaTT)

Overview of the MarineTT project

Objectives of the Meeting

10.20 - 11.20

Participant Introductions

Project Representations

AWARE – Carlo Sessa

COMFISH - Paul Pechan

CommNet – Rhonda Smith

CORALFISH – Anthony Grehan

ENVIMPACT - Sabine Léger

KIMERAA – Joao Mil-Homens

KNEU - Marie Vandewalle

LIAISE/PEER -Jacques Jansen

MG4U/ShareBiotech -Margarida Rossi

OYSTERECOVER – Rosa Fernandez

PROCEED- Simona Haprian

SPIRAL- Allan Watt

STREAM- Hinano Spreafico

WaterDiss 2.0 - Ulf Stein

Other Participants

Biosciences KTN - Michelle Carter

DG Enterprise and Industry

DG ENV

DG MARE

DG Research and Innovation

Insight Publishers – William Davis

JPI Oceans - Willem de Moor

11.20 - 11.30

Coffee Break

11.30 – 13.30

Brainstorming on the Science Life Cycle

13.30 – 14.15

Lunch

14.15 - 16.00

Knowledge Transfer Best Practice - Prioritisation of Actions

16.00 - 16.30

Conclusions, ideas to move forward and Closing of the Workshop

Workshop Outcomes

Networking opportunity for participants

Sharing experiences, challenges and insights

Development of key recommendations on how Horizon 2020 can be designed to enhance innovation

At a Glance: Spiral



Project Title	Science-Policy Interfaces for Biodiversity: Research, Action, and Learning
Who am I? 	Name: Allan Watt Email: adw@ceh.ac.uk Institute: NERC Centre for Ecology and Hydrology, UK Short Biography: I am Deputy Science Director responsible for CEH's Biodiversity Programme. Most of my recent research has been funded through European FP projects. I was the Project Co-ordinator of BioAssess and BIOFORUM, Deputy Coordinator of ALTER-Net and currently Co-ordinator of SPIRAL. I have also participated in over ten other FP projects including KNEU and Rubicode. My research includes developing methods for quantifying and monitoring biodiversity and ecosystem services, the impact of land use change, climate change and other drivers of biodiversity loss, identifying and managing conflicts between human activities and the conservation of biodiversity, and the biodiversity science-policy interface. I have also worked in West Africa, Latin America and Indonesia. Other experience includes membership of CBD expert groups on biodiversity and climate change, the EC Coordination Group for Biodiversity and Nature, the European Platform for Biodiversity Research Strategy, and convener of the ALTER-Net Summer School on Biodiversity and Ecosystem Services.
Project Acronym	SPIRAL
Programme	FP7
Contract Type	Collaborative Project
Total Budget EC Contribution	Total Project budget (€): 1,758,000 EC contribution (€): 1,349,000
Total Man Months budgeted	Person months: 161
Duration Start: End:	2010 2013

At a Glance: Spiral




SPIRAL

Interfacing Biodiversity and Policy

Coordinator	Allan Watt, NERC Centre for Ecology and Hydrology, UK Sybille van den Hove, MEDIAN, Spain
Consortium	Nine Partners from 8 Countries: NERC Centre for Ecology and Hydrology; MEDIAN; Vlaams Gewest; University of Helsinki; Royal Netherlands Institute for Sea Research; University of Bucharest; Helmholtz Centre for Environmental Research; James Hutton Institute; Centre de Coopération Internationale en Recherche Agronomique pour le Développement
Project Abstract	SPIRAL aims to enhance the connectivity between biodiversity research and policy making. WP1 maps, categorises and assesses existing science-policy interfaces for biodiversity governance at the national, European and international level; WP2 focuses on constraints of such interfaces in relation to the communication of the role of biodiversity, and WP3 assesses and analyses mechanisms for encouraging behaviour that reduces negative human impacts on biodiversity. WPs 1 to 3 continuously feed into, and receive feed-back from, WP4, an experimental WP that contributes to the practical improvement of science-policy interfaces by actively supporting the design, implementation and development of science-policy interfaces in selected real-life test cases at national, European and international levels. All WPs feed into WP5 which synthesises and disseminates project's results and recommendations. WP5 also ensures coordination of stakeholders processes across the project.
Sector Focus	All sectors relevant to biodiversity
End User Focus	Policy; Wider Society; Scientific Community
Website	www.spiral-project.eu/

At a Glance: Aware


Project Title	How to achieve sustainable water ecosystems management connecting research, people and policy makers in Europe
Who am I? 	<p>Name: Carlo Sessa Email: mc7920@mclink.it Institute: ISIS – Institute of Studies for the Integration of Systems – Rome Short Biography: Carlo SESSA is Director at ISIS – Institute of Studies for the Integration of Systems of Rome. Before joining ISIS in 1983, he has conducted research at NYU, where he worked with Nobel Prize winner Wassily Leontieff. He was the Coordinator of several EU research projects, in the 5th, 6th and 7th Framework Programmes, mostly in the fields of transport, energy, environment and urban governance issues. In this context, he organised several participatory projects, involving panels of experts and citizens and aiming to raise the citizens awareness of science and technology prospects in the field of sustainable urban development (EU project RAISE: www.raise-eu.org), sustainable urban transport (EU project MOVE TOGETHER: www.move-together-exhibition.net) and sustainable water management (EU project AWARE: www.aware-eu.net).</p>
Project Acronym	AWARE
Programme	FP7 ENVIRONMENT – 2008 – 1
Contract Type	Coordination Action
Total Budget EC Contribution	Total Project budget (€): 1.877.551 EC contribution (€): 1.497.356
Total Man Months budgeted	210

At a Glance: Aware

Duration	Start: End:	01/06/2009 01/12/2011
Coordinator	ISIS – Institute of Studies for the Integration of Systems	
Consortium	14 Partners from 8 Countries	
Project Abstract	<p>The European Union has embraced the concept of public participation and stakeholders' involvement, and all recent European directives explicitly require that Member States engage all stakeholders in all stages of the implementation. The EC FP7 project AWARE has taken one step forward, engaging a panel of randomly selected citizens living in three different coastal areas of Europe – the Gulf of Riga in the Baltic Sea, the southern North Sea coast and three adjacent river basins (the Seine, Somme and Scheldt rivers), and the Sacca di Goro lagoon in the Po river delta – in a pilot experience of knowledge brokerage with water scientists and decision makers focused on coastal waters quality. Lessons have been drawn for pilot's replication and transfer ability to different coastal areas and/or sustainable water management tasks, and beyond, to other sustainability research and policy issues. AWARE provides a useful approach to water managers and policy makers willing to organize effective citizens and stakeholder's participation to the river basins and coastal water planning mandated by the EU Water Framework Directive.</p>	
Sector Focus	Sustainable coastal waters management Citizens participation	
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____	
Website	www.aware-eu.net	

At a Glance: Knowledge2Innovation



Project Title	Promoting the exploitation of scientific knowledge through academia–industry cooperation in the Knowledge-Based Bio-Economy in Europe and beyond.
Who am I? 	Name: Gorgias Garofalakis Email: garof@etat.gr Institute: Hellenic Food Authority (current) Short Biography: Dr. Garofalakis is a Chemical Engineer with a PhD in Food Science. He has worked closely with the food industry on new product development, production troubleshooting and training. He has taken part in many initiatives and networks in support of industry-academia research partnerships, international research cooperation and knowledge transfer, including the Enterprise Europe Network and the Greek Technology Platform “Food for Life”.
Project Acronym	Knowledge2Innovation
Programme	FP7
Contract Type	CSA-Supporting
Total Budget EC Contribution	Total Project budget (€): 1,219,955 EC contribution (€): 926,229
Total Man Months budgeted	131
Duration Start: End:	01/11/2008 31/01/2012

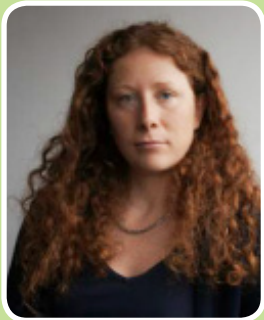
At a Glance: Knowledge2Innovation



Coordinator	ETAT S.A. (Food Industrial Research and Technological Development Company)
Consortium	9 Partners from 8 Countries (GR, IT, ES, UK, FR, HU, DE, SE)
Project Abstract	<p>Knowledge2Innovation has worked towards producing lean, yet effective, tools to simplify knowledge-transfer cooperation between research organisations and agro-food SMEs. The project addressed the main industry-academia cooperation barriers (communication, flexibility, perception) by designing and deploying:</p> <ul style="list-style-type: none"> - a communication tool to guide researchers on reaching specific SME audiences - a knowledge-potential evaluation tool to help SMEs assess and compare cooperation proposals from academia via a risk-benefit rationale - a cooperation follow-up tool to help all involved parties in learning from the knowledge transfer cooperation experience - Training material addressing key issues of IP tools, quality management practices, proof of concept and knowledge exploitation approaches, as well as providing advice to potential trainers on these topics.
Sector Focus	Agro-Food Sector
End User Focus	Policy <input type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____
Website	www.knowledge2innovation.eu

At a Glance: Stream



Project Title	Sustainable Technologies and Research for European Aquatic Management
Who am I? 	Name: Hinano Spreafico D. F. Email: hinano@minerva-communication.eu Institute: Minerva Consulting & Communication Short Biography: Since the beginning of 2004, Hinano has been involved in the preparation and management of EU funded projects under the EC Framework Programmes. She has extensive know-how in coordinating EU contracts and implementing all the communication and dissemination activities foreseen. Hinano is particularly experienced in the design and setting up of dedicated actions to disseminate information and raise awareness about the activities and results of research projects towards the expected relevant stakeholders and target groups. She has participated in over 20 research and supporting action projects either as coordinator or communication partner, taking charge of the design and development of strategic communication and dissemination plans, preparation of communication material and activities and organisation of events and workshops at international level. She entered as a partner in Minerva at the beginning of 2006 and she acts as Managing Director, responsible for the overall management and looking after new-business development.
Project Acronym	STREAM
Programme	FP7-ENV
Contract Type	Coordination and Support Action (Supporting)
Total Budget	Total Project budget (€): 661,682.40
EC Contribution	EC contribution (€): 589,999.54
Total Man Months budgeted	58.33
Duration	Start: 01/01/2011
	End: 01/01/2013


At a Glance: Stream



Coordinator	Hinano Spreafico D. F., Minerva Consulting & Communication, Belgium
Consortium	4 Partners from 2 Countries
Project Abstract	<p>The EU has invested considerable resources to support research projects dealing with water on issues such as: scarcity and droughts, flood risks and other related environmental disasters, water management and infrastructure, innovative technologies, water consumption reduction, water efficiency and water pollution. There are currently few resources to pursue this process in the needed scale, to disseminate the state of the art of water technologies and to promote the uptake of potential of water technologies, due to insufficient awareness of their developments and the opportunity they offer. The STREAM project aims at raising awareness about these technologies and their exploitation opportunities through a series of dissemination and communication actions, in order to foster the sustainable use of water resources and boost economic growth and social welfare. The project targets researchers, policy-makers and the business community and industries, as well as the general public and young people in particular.</p>
Sector Focus	Environment, water, research on water technologies
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> If Others please specify: Media
Website	www.stream-project.eu

At a Glance: LIAISE



Project Title	Linking Impact Assessment Instruments to Sustainability Expertise
Who am I? 	<p>Name: Jacques Jansen Email: jacquesm.jansen@wur.nl Institute: Alterra – Wageningen UR</p> <p>Short Biography: Jacques Jansen graduated in 1975 as a hydrologist at Wageningen University. In the first part of his career he worked for the Government service for Land- and water Management on the design and evaluation of land use projects and policies on regional and national scales. After that he returned to Wageningen where he was active in research programming and – management at several research institutes. From 2007-2011 he was Secretary General of the Partnership for European Environmental Research (PEER). Currently he works at the Alterra-team Earth Informatics where he combines his long-year experience as a researcher and practitioner in research projects with a focus on the use of scientific knowledge and information in public policy making and on the relation with the scientific process.</p>
Project Acronym	LIAISE
Programme	FP7
Contract Type	Networks of Excellence
Total Budget EC Contribution	Total Project budget (€): 8 354 537 EC contribution (€): 6 996 405
Total Man Months budgeted	508
Duration Start: End:	1/11/2009 30/4/2014


At a Glance: LIAISE



Coordinator	Jan-Erik Wien, Alterra – Wageningen UR, The Netherlands
Consortium	15 Partners from 9 Countries
Project Abstract	<p>Impact Assessment (IA) is a process to collect and analyse the evidence from many different sources. This evidence however is often not readily available for use in IA of a planned policy. A gap prevails between scientific research and its consideration in policy development. LIAISE aims to bridge this gap in order to improve the quality and relevance of scientific knowledge, and to increase the awareness of policy makers on the potentials and capacities of researchers.</p> <p>The mission is to contribute to the renewed EU Sustainable Development Strategy by bridging the gaps between science, policy making and implementation, with academically-grounded approaches to IA. Strategic objectives:</p> <ol style="list-style-type: none"> 1. A virtual facility called the 'shared IA toolbox'. 2. A shared research agenda on IA issues that is continuously updated. 3. A governance structure and business plan that ensure the durability of the IA toolbox well beyond FP7 funding.
Sector Focus	There is no sector focus. LIAISE covers all sectors of policy making that are relevant for sustainability.
End User Focus	Policy <input type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input type="checkbox"/>
Website	www.liaise-noe.eu/

At a Glance: MG4U



Project Title	Marine Genomics for Users	
Who am I?	<p>Name: Margarida Rossi Email: mmrossi@ualg.pt Institute: Algarve Centre of Marine Sciences from University of Algarve (CCMAR-UALG) Short Biography: I have a degree and post-graduation in Microbiology by the Biotechnology College of the Portuguese Catholic University. At present I am CCMAR's Science and Technology Manager, where I am involved in MG4U and ShareBiotech, both EU projects. In the past I was a Technology Transfer Officer for the Biotechnology College of the Portuguese Catholic University, where a Management System for the industrial property protection was developed and implemented. Simultaneously I was promoter of two University start-ups: Anubis Bioconservation and Biorestore (discontinued) and Nutricer – Food Ingredients (ongoing).</p>	
		
Project Acronym	MG4U	
Programme	FP7 – COOPERATION (KBBE)	
Contract Type	Coordination and support action	
Total Budget EC Contribution	Total Project budget (€): 1.1120.000 EC contribution (€): 997.826	
Total Man Months budgeted		
Duration Start: End:	January 2011 30th April 2014	


At a Glance: MG4U



Coordinator	Bernard Kloareg, Station Biologique de Roscoff, CNRS-UPMC
Consortium	7 Partners from 6 Countries
Project Abstract	<p>Marine genomics has enormous potential to improve our lifestyles and prosperity, and to assist with governance and sustainable management of the marine environment. However, many end users of marine genomics knowledge are not yet aware of how marine genomics hold great potential for problem solving and industrial commercial advantage. Valuable knowledge needs to be made accessible and disseminated in user friendly contexts.</p> <p>MG4U aims to spread results from recent and on-going projects in marine genomics and facilitate rapid, efficient knowledge transfer to generate interdisciplinary research capacity in Europe.</p>
Sector Focus	Marine Genomics
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____
Website	www.mg4u.eu

At a Glance: KNEU (BiodiversityKnowledge)



Project Title	Developing a Knowledge Network for European expertise on biodiversity and ecosystem services to inform policy making economic sectors
Who am I? 	<p>Name: Marie Vandewalle Email: marie.vandewalle@ufz.de Institute: Helmholtz Centre for Environmental Research – UFZ, Germany Short Biography: Marie is a plant ecologist with broad interests in the mechanisms driving/promoting Biodiversity and in the links between Biodiversity and human well-being. Her research includes the assessment of the effects of land use change and other drivers on Biodiversity, the development of methods for monitoring Biodiversity, and the identification and prioritization of Ecosystem Services in Europe. She finished her PhD at Lund University in 2011 and started directly working at the Helmholtz Centre for Environmental Research (UFZ) in Leipzig, as project manager of the EU-funded coordination action KNEU (www.biodiversityknowledge.eu). The KNEU project is aiming at developing a prototype structure for better bridging biodiversity knowledge and decision making in Europe. The project is based on the concept of a Network of Knowledge (NoK), developed by the EPBRS in 2009 and tries to identify basic attributes for a better organisation and communication of knowledge for biodiversity management.</p>
Project Acronym	KNEU
Programme	FP7- ENV-2010
Contract Type	Coordination and support action
Total Budget EC Contribution	Total Project budget (€): 1 285 814.81 EC contribution (€): 998 719
Total Man Months budgeted	103.50

At a Glance: KNEU (BiodiversityKnowledge)



Duration	Start: End:	1st November 2010 30th April 2014
Coordinator	Dr. Carsten Neßhöver, Helmholtz-Centre for Environmental Research- UFZ, Germany	
Consortium	18 Partners from 12 Countries (ca 40 experts)	
Project Abstract	<p>Knowledge on biodiversity and ecosystem services is well advanced in the European scientific community, as demonstrated by many excellent projects and their scientific impact. However, on the global as well as the European scale, there is a major gap between this knowledge and its use in policy-making and the society as a whole. Additional communication efforts must ensure that all relevant knowledge is accessible and that all existing biodiversity research communities and other knowledge holders are involved in a network structure that is linked to decision making bodies. The overall objective of the project is thus to develop a recommended design for a scientific biodiversity Network of Knowledge (NoK) to inform policy-makers and other societal actors. We call this NoK BiodiversityKnowledge. This network shall be open, transparent, flexible, equally accessible to all, independent, be scientifically- and evidence-based and have a robust structure.</p>	
Sector Focus	Environment (biodiversity)	
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____	
Website	www.biodiversityknowledge.eu	

At a Glance: Comfish



Project Title	Strengthening the impact of fisheries related research through dissemination, communication and technology transfer
Who am I?	<p>Name: Paul Pechan</p> <p>Email: pechan@ifkw.lmu.de</p> <p>Institute: Ludwig Maximilians University, Munich, Germany</p> <p>Short Biography: Paul Pechan received his PhD in Plant Physiology at Cambridge University, England in 1983. His current main interest revolves around communicating health, environmental and risk issues with the general public and youth, both in formal and informal educational settings and in different regions of Europe. The activities are also directed to encourage dialogue on key current and emerging scientific issues. For example, specific stakeholder discourses are used to identify and prioritize environmental/ health challenges and solutions. Among the youth, the work is primarily aimed to improve scientific literacy: to stimulate information recall and motivation to learn more about the presented topics. Among the general public, the work aims to empower the citizens to make knowledge based decisions. Internet, multimedia, broadcasting, printed media as well as specialized events are used as platforms to reach the targeted audiences.</p>
Project Acronym	ComFish
Programme	FP7
Contract Type	Support & collaboration action
Total Budget EC Contribution	Total Project budget (€): 1 123 520 EC contribution (€): 999 565
Total Man Months budgeted	98
Duration Start: End:	1/2/2012 31/1/2015


At a Glance: Comfish



Coordinator	Paul Pechan Inst. for Communication and Media Research Ludwig Maximilians University, Munich, Germany
Consortium	9 Partners from 8 Countries
Project Abstract	<p>ComFish takes the view that it is not sufficient to focus on pressing issues in fisheries or on communication impasses between stakeholders in isolation (scientists – industry – policy makers). A broader view is necessary, and this is very much in line with the ecosystem approach of the revision of the Common Fisheries Policy to be implemented in 2012. In this frame of mind, ComFish aims to identify important fisheries topics with long term impacts and ascertain whether scientific results have been properly communicated to fisheries stakeholders. If yes, why and how was this done? If not, then the question must be answered which communication needs must be addressed. What are the related challenges, needed actions and possible solutions?</p> <p>ComFish will identify these topics and through five regional participatory stakeholder events address these communication impasses. Next, ComFish will use the outcome of the events to prepare Information Packages, that include audio-visual materials, and communicate the identified priority issues to a wider circle of stakeholders as well as to EU citizens. Finally, ComFish will organise a Partnering Event to facilitate network building amongst stakeholders, to jointly address and overcome communication impasses and to stimulate collaborations. All activities are supported by a robust science based impact analysis.</p> <p>ComFish has nine partners in eight EU countries: four are communication specialists and five are institutions engaged in marine research and policy advice. The project benefits from an extensive Advisory Board with representation from all major fisheries stakeholders in Europe as well.</p>
Sector Focus	Fisheries
End User Focus	Wider Society and schools
Website	www.comfish.eu

At a Glance: CommFABnet



Project Title	Communication of Food, Fisheries, Agriculture and Biotechnologies research – a network to support EU-funded research projects		
Who am I?	 <p> Name: Rhonda Smith Email: rhonda@minervacomms.net Institute: Minerva HCC Ltd (UK) Short Biography: Owner/Director of Minerva UK working in EC projects and also not for profits/charities in the UK and Europe on well-being, health and social issues. Lifetime experience in communications – magazines, newspapers, books, new media & campaigning. Other direct EC experience – What's for Lunch? EARNEST, EURRECA, Diogenes and the new project I.Family. </p>		
Project Acronym	CommFABnet		
Programme	FP7 KBBE 2011.4-03		
Contract Type	Co-ordination and support action		
Total Budget	€1,999,375		
EC Contribution	€1,999,375		
Total Man Months budgeted	243		
Duration	Start:	1 January 2012	
	End:	31 December 2014	

At a Glance: CommFABnet



Coordinator	Mario Martinoli, youris.com (EEIG) Italy
Consortium	5 Partners from 5 Countries
Project Abstract	CommFABnet addresses the challenges that hamper effective dissemination of research results - lack of confidence, experience and skills; lack of focus in choice and delivery of dissemination activity and use of resources; inherent difficulties in reaching out to the media and other multipliers with research results. CommFABnet is building a community of scientists, communicators and projects and is delivering for free training, broadcast & print products, industry forums, and education materials. First training for CommNet members – Brussels – 24-26 September; first Industry forum also Brussels 11-12 October. Ask me how to take part! Join the Network as an Individual and join the CommNet Project community by emailing rhonda@minervacomms.net all completely free of charge.
Sector Focus	Across the whole Bioeconomy
End User Focus	Policy, Industry, Wider Society, Scientific Community, Teachers across Europe
Website	www.commnet.eu

At a Glance: Proceed



Project Title	Promotion and coordination of environmental research in Central and Eastern Europe for a sustainable Development with the support of the Enterprise Europe Network
Who am I? 	<p>Name: Simona Haprian Email: simona.haprian@ccia-arad.ro Institute: Chamber of Commerce and Industry Current: Engineer/Head of Centre for Technological Information/ Projects Manager at Arad Chamber of Commerce, Industry and Agriculture Past: Engineer into the Judicial and the Human Resources Department at The Research And Designing Institute Of Trinity Railway Institutulsa Education: The Polytechnic Institute Traian Vuia, Timisoara County, Mechanical Faculty Current Activity:</p> <ul style="list-style-type: none"> • Project EEN-PACT – CIP –EIP – project coordinator • Project WE-EEN –CIP- EIP – partner • Project EcoPlanta – Leonardo da Vinci –TOI –project coordinator • Project PROCEED-FP7-ENV- project coordinator • Project GOGreen – Leonardo da Vinci –partner • Project Pro Rural -POS DRU-Territorial Coordinator • Project Green-CIP-EIP- partner • Project EGS – Intelligence energy – expert • Head of Center for Tehnological Information • Project CIP – RO 4 EUROPE – senior project assistant
Project Acronym	PROCEED
Programme	Programme FP7-ENV-2010
Contract Type	Coordination and support action

¹ “Second FP7 monitoring report”, 1 October, 2009


At a Glance: Proceed



Total Budget EC Contribution	Total Project budget (€): 729.923,44 EC contribution (€): 0
Total Man Months budgeted	141,50
Duration Start: End:	01.01.2011 30.06.2013
Coordinator	eng. Simona Haprian- Chamber of Commerce and Industry , Arad, Romania
Consortium	14 Partners from 12 Countries
Project Abstract	<p>European environmental research, in particularly related to air pollution, chemical pollution and environmental technologies, represents a fundamental area of research to ensure Europe, and the rest of the world, a constant and sustainable development in coherence with the “Millenium Development Goals” and the general objective of tackling climate change. An effective Scientific & Technological cooperation across Europe is vital for the development of a stable and strong European Research Area. Nevertheless, statistics show an uneven and unbalanced participation of European countries to EU Framework Programme environmental research projects¹. While the vast majority of participants come from Germany, Italy, United Kingdom, France and Holland, most of the Central and Eastern European Member States and Associated countries enjoy the lowest participation rate with a negative peak in Latvia and Lithuania. Taking under consideration the country dimensions and the number of existing research institutions and Universities, very low results in participating to the FP7 Environmental topics have also been accomplished by Poland, Romania and Bulgaria. And when they participate, they are almost never project coordinators, meaning that there is not sufficient know how to develop a project idea.</p>
Sector Focus	European environmental research , in particularly related to air pollution, chemical pollution and environmental technologies
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____
Website	www.proceed-project.eu

At a Glance: WaterDiss 2.0



Project Title	WaterDiss 2.0 - Dissemination and uptake of FP water research results	
Who am I?	<p>Name: Ulf Stein Email: ulf.stein@ecologic.eu Institute: Ecologic Institute</p> <p>Short Biography: Ulf Stein is a Fellow at Ecologic Institute in Berlin. His work focuses on integrated water resource management, aquatic biodiversity and the implementation of the Water Framework Directive (WFD). Since joining Ecologic Institute in 2011, Ulf has worked on numerous research projects funded under the Framework Programme FP7 of the European Commission (EC) as well as on service contracts for German and European institutions. At the moment he is working on issues related to dissemination in the FP7 projects WaterDiss2.0 and REFORM. Before joining Ecologic Institute, Ulf Stein was a Junior Scientist at the University of Kassel (Germany) from 2006 to 2010. There he was involved in a research project on new management guidelines for small, heavily modified water bodies for the German Federal Environment Agency (UBA) and a project dealing with the impact of organic agriculture on loess streams for the German Federal Agency for Nature Conservation (BfN). His work also covered issues on nature conservation, biodiversity, climate change and flood risk management.</p>	
		
Project Acronym	WaterDiss 2.0	
Programme	FP7	
Contract Type	FP7 Grant agreement, collaborative project, cost accounting	
Total Budget	Total Project budget (€): 928,412	
EC Contribution	EC contribution (€):	
Total Man Months budgeted	109.5 (total for the project)	
Duration	Start:	01/01/2011
	End:	31/12/2013


At a Glance: WaterDiss 2.0



Coordinator	Gaelle Nion, Office International de l'Eau, France
Consortium	1- OFFICE INTERNATIONAL DE L'EAU – FR 2- ECOLOGIC – DE 3- GDANSK WATER FOUNDATION – PL 4- CFPPDA – RO 5- ENVIRONMENTAL SUSTAINABILITY KNOWLEDGE TRANSFER NETWORK – UK 6- CIRF – IT 7- AMPHOS21 – ES 8- TRIPNITY– FR
Project Abstract	The general objective of the project is to speed up the transfer of research outputs (FP6&7) relevant to the implementation of the Water Framework Directive (WFD) to water management institutions (a basin authority or a city). The dissemination and uptake of the results of past research projects will be analysed and strategies for improving the uptake will be developed. Identified dissemination activities (brokerage events, training, e-seminar) will be carried out in cooperation with the project consortiums throughout Europe.
Sector Focus	Water
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify: _____
Website	www.waterdiss.eu/

At a Glance: SEED and the SEED Research Library



Project Title	SEED and the SEED Research Library
Who am I? 	<p>Name: William Davis Email: wdavis@ipl.eu.com Institute: Insight Short Biography: William started working as a journalist in newspapers, with time spent in the UK's regional and national press (Guardian, Observer, Times, Daily Mail). After newspapers, he set up his own publishing company, specialising in promoting new technology to the public sector. This led to the launch of the Projects family (print, digital) and the creation of a full suite of dissemination services (print, web, video, PR, IP etc) designed to bring research and innovation to a wider audience. He is passionate about open access information as a means of reaching the widest, most relevant audience. He now works with Insight on several projects as fully-funded FP7 partner responsible for dissemination and impact.</p>
Project Acronym	-
Programme	Funded by Insight
Contract Type	-
Total Budget EC Contribution	Lots!
Total Man Months budgeted	Many!

At a Glance: SEED and the SEED Research Library



Duration	Start: 11/10 End: 10/12
Coordinator	William Davis, Insight, UK
Consortium	1
Project Abstract	SEED and the SEED Research Library are dissemination tools designed exclusively for the research and innovation market, merging the very best of traditional publishing (good writing and design) with digital functionality. SEED is a multi-media platform for dissemination that is attractive, easy to use and in-depth for the user while giving projects direct access to its audience – active communication. The SEED Library contextualises that communication and offers projects social media functionality and benefits and analytics for RoI. Library users elect to follow those projects or thematic sections in which they have an interest and receive alerts when new information is available. The SEED Library is always current and relevant, research is seen in context with other similar work and its attractive appeal encourages two-way engagement with industry, public sector and the wider population.
Sector Focus	Cross sector, multi-thematic
End User Focus	Policy <input type="checkbox"/> Industry <input type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____
Website	www.seedresearchlibrary.com

At a Glance: JPI Oceans



Project Title	Joint Programming Initiative Healthy and Productive Seas and Oceans
Who am I?	<p>Name: Willem De Moor Email: willem.demoor@vliz.be Institute: Seconded from the Flanders Marine Institute to JPI Oceans Short Biography: Willem De Moor is working as an adviser at the secretariat of the Joint Programming Initiative for Healthy and Productive Seas and Oceans (JPI Oceans) where he mainly deals with the communication and outreach. Before joining the JPI Oceans secretariat Willem was a policy adviser at the Flemish Ministry for Economy, Science and Innovation where he was part of the EU presidency team. In this role he worked mainly on the organisation of the Strategic Energy Technology (SET)-plan 2010 conference and the EuroOCEAN 2010 conference. Previously he worked as a policy adviser at the cabinet of the Flemish minister of Economy, Science and Innovation. Willem graduated as a master in Modern History at the KULeuven. During an additional year in a master programme in Political Science – International relations at UCL he had his first work experience interning at the European Parliament.</p>
Project Acronym	JPI Oceans
Programme	
Contract Type	From September onwards JPI Oceans will be supported in its start-up phase by a Support Action (CSA Oceans) of 2 Million Euro (36 months). Apart from this JPI oceans mainly relies on in-kind contributions from its 17 member states.
Total Budget EC Contribution	/
Total Man Months budgeted	/

At a Glance: JPI Oceans

Duration	Start: End:	JPI Oceans is a long-term initiative with no fixed timeframe
Coordinator		Kathrine Angell-Hansen is the Director of the JPI Oceans secretariat
Consortium		JPI Oceans has 17 member states
Project Abstract		<p>The Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans) is a coordinating and integrating long-term platform, open to all EU Member States and Associated Countries who invest in marine and maritime research. While bringing together the interested Member States and Associated Countries the JPI Oceans aims to add value by:</p> <ul style="list-style-type: none"> • avoiding fragmentation and unnecessary duplication • planning common and flexible initiatives • facilitating cooperation and foresighting • establishing efficient mechanisms for interaction and knowledge transfer between the scientific community, industry & services, and policy makers at high level to more effectively solve the grand challenges. <p>In its role as a coordination platform, JPI Oceans will focus on making better and more efficient use of national research budgets, which represent 85% of the marine-maritime funding within Europe. One of the JPI's goals is to develop joint research programs in which countries can be involved on a voluntarily basis (variable geometry).</p>
Sector Focus		Marine and Maritime research
End User Focus		Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify _____
Website		www.jpi-oceans.eu

At a Glance: AQUAINNOVA



Project Title	Supporting Governance and multi-stakeholder participation in Aquaculture research and innovation
Who am I? 	<p>Name: Courtney Hough Email: Courtney@feap.info Institute: Federation of European Aquaculture Producers Short Biography: After starting in scientific research and development, mainly on food product development, Courtney Hough worked on the international development of fish farming - specialising in project development, market research and economic assessment - in Europe, Africa, Latin America and the Caribbean. He has worked with a wider range of international organisations, including the FAO and other development institutions. Since 1993, he has also been General Secretary of the Federation of European Aquaculture Producers (FEAP) which currently groups 31 National Aquaculture Associations in Europe. FEAP also acts as the secretariat of the European Aquaculture Technology and Innovation Platform (EATiP).</p>
Project Acronym	AQUAINNOVA
Programme	FP7, Cooperation, Food, Agriculture and Fisheries, and Biotechnology (KBBE)
Contract Type	Coordination and support action
Total Budget EC Contribution	Total Project budget (€): 1,105,159 EC contribution (€): 988,954
Total Man Months budgeted	73.5
Duration Start: End:	February 2010 July 2012

At a Glance: AQUAINNOVA



Coordinator	Courtney Hough, European Aquaculture Technology and Innovation Platform (EATiP)
Consortium	6 Partners from 4 Countries
Project Abstract	Aquainnova assists EATIP in actively promoting the exploitation, dissemination and communication of Community aquaculture RTD research actions and results, looking to improve the manner in which the knowledge generated is efficiently managed, disseminated and transferred. The European Aquaculture Technology and Innovation Platform (EATIP) was created in 2008 for the purpose of identifying and implementing actions so as to improve the competitiveness of professional European aquaculture and related industries, specifically through the application of knowledge-based activities. A statutory goal of the EATIP is to develop measures and structures that will improve the research, development and innovation conditions so as to support the sustainable development of European aquaculture.
Sector Focus	European Aquaculture and Marine
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify:
Website	www.eatip.eu

At a Glance: CoralFISH



Project Title	Assessment of the interaction between corals, fish and fisheries, in order to develop monitoring and predictive modelling tools for ecosystem based management in the deep waters of Europe and beyond
Who am I? 	<p>Name: Dr. Anthony Grehan Email: anthony.grehan@nuigalway.ie Institute: Federation of European Aquaculture Producers Short Biography: Dr. Grehan is a Senior Research Fellow in Earth and Ocean Sciences at the National University of Ireland, Galway. He obtained his PhD in Zoology in Ireland before undertaking post-doctoral studies at the Université Pierre-et-Marie-Curie, Paris VI (Laboratoire Arago, Banyuls) and at the Université du Québec in Rimouski and Montreal, Canada. Dr. Grehan is a deep-sea biologist and is currently particularly interested in the ecology and conservation of cold-water coral reefs and the sustainable management of deep-sea resources. He has over 18 years experience of working in European funded marine projects and currently coordinates the FP7 project CoralFISH. Dr. Grehan is a member of the International Council for the Exploration of the Sea (ICES) working groups on Deep-Sea Ecosystems and Marine Habitat Mapping and has chaired an EC Scientific, Technical and Economic Committee for Fisheries (STECF) working group evaluating the effectiveness of marine protected areas as tools in fisheries management.</p>
Project Acronym	CoralFISH
Programme	FP7
Contract Type	Large-scale integrating collaborative project
Total Budget EC Contribution	Total Project budget (€): 10,800,000 EC contribution (€): 6,500,000
Total Man Months budgeted	825.45 man months budgeted on the project
Duration Start: End:	01/06/2008 30/11/2012


At a Glance: CoralFISH



Coordinator	Dr. Anthony Grehan, Earth and Ocean Sciences, School of Natural Sciences, National University of Ireland, Galway
Consortium	16 Partners from 11 Countries
Project Abstract	<p>The motivation for CoralFISH was based on a need to address the policy implications for Europe of the UN General Assembly Resolution 61/105 (2006) which called upon fisheries management organisations worldwide to:</p> <ul style="list-style-type: none"> • observe the effects of bottom fishing on vulnerable marine ecosystems; • adopt state-of-the-art scientific data collection methods to identify and map such ecosystems; and • develop and enforce conservation and management measures to protect vulnerable ecosystems from future degradation. <p>Additionally in European deep waters, there was a further need to establish monitoring tools to assess the efficacy of closed areas for the conservation of biodiversity and fish and the impact of conservation measures on fisheries in deep waters. CoralFISH is undertaking this work by assessing 'the interaction between corals, fish and fisheries' with the aim of developing monitoring and predictive modelling tools to support ecosystem based management in the deep waters of Europe and throughout the world's oceans.</p>
Sector Focus	Environment and fisheries
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify:
Website	www.eu-fp7-coralfish.net

At a Glance: Envimpact



Project Title	Increasing the impact of Central-Eastern European environment research results through more effective dissemination and exploitation	
Who am I?	<p>Name: Ms. Sabine Léger Email: sle@abe.irisnet.be Institute: The Brussels Enterprise Agency Short Biography: Advisor in Technology Transfer and FP7 National Contact Point for the Energy, Socio-economical sciences and the Humanities, SMEs, Science in Society themes. Ms. Léger has a bachelor of History and Sociology and a Master in European Projects Management.</p> <p>She joined BEA in 2009 and is currently responsible for advising clients active in the sustainable construction sectors on technology transfer and European Programmes.</p>	
		
Project Acronym	ENVIMPACT	
Programme	FP7	
Contract Type	Coordination and support action	
Total Budget EC Contribution	Total Project budget (€): 1,011,868.50 EC contribution (€): 851,584.48	
Total Man Months budgeted	113.40	
Duration	Start:	01/01/2011
	End:	31/05/2013

At a Glance: Envimpact



Coordinator	Adam Molnar, Bay Zoltán Nonprofit Ltd, Hungary
Consortium	12 Partners from 11 Countries
Project Abstract	<p>Based on indications from EC and FP7 statistics, the Central and Eastern European (CEE) countries participate at low rate in the FP7 Environment theme. On the other hand air pollution, chemical pollution and environmental risks should be handled with expressed interest in this region, due to severe environmental damages caused by decades of negligence and mishandling. CEE researchers have been conducting research in the mentioned fields since the middle of the 20th century, however, their results did not reach – and influence – either the policy makers of their own country, or their academic counterparts in EU-15. The main objective of ENVIMPACT is to enrich the EU knowledge base with the environment-related results of the CEE researchers, thus inducing new collaborations under FP7/FP8 which may lead to innovative solutions for the lasting protection of our environment. Using local contacts, knowledge and the insight of expert groups consisting of relevant academic, industrial/ETP and policy representatives, the innovative environmental research practices and results originating from Central and Eastern Europe will be identified, mapped and made available for the governmental, academic and industrial stakeholders all over Europe. After analysing the presently applied dissemination and exploitation practices of CEE research results (by SWOT analysis), good and bad practices will be presented in an online catalogue. Recommendations will be prepared for the development a tailor-made toolkit. To close the communication gap, CEE researchers will be offered trainings and online mentoring services, based on the recommendations for communication and exploitation of research results. Partners from 7 NMSs will ensure the availability of local research results, while representatives from 4 EU-15 countries will help to identify and match the needs in terms of communication of CEE/EU-15 researchers and will provide the expertise in reaching the relevant stakeholders.</p>
Sector Focus	Chemical pollution, air pollution, environmental technologies
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify:
Website	www.envimpact.eu/home.cfm

At a Glance: KIMERAA



Project Title

Knowledge Transfer to Improve Marine Economy in Regions from the Atlantic area

Who am I?



Name: João Mil-Homens

Email: joaomh@ualg.pt

Institute: University of Algarve, Portugal

Short Biography: Joao Mil-Homens is an Environmental Engineer from the New University of Lisbon, and holds a PhD in Environmental Design and Planning and a Masters in Urban and Regional Planning from Virginia Tech. He is an Adjunct Professor at the University of Algarve, where he teaches Environmental Impact Assessment and Environmental Management. He collaborates with CRIA - Division of Entrepreneurship and Technology Transfer of the University of Algarve, where he is responsible for several European funded projects. He is also a private consultant and auditor in Quality & Environmental Management Systems.

Project Acronym

KIMERAA

Programme

Atlantic Area Transnational Programme

Contract Type

Co-financing

Total Budget EC Contribution

Total Project budget (€): 1,081,018.89
EC contribution (€): 702,662.28

Total Man Months budgeted

4/man month

Duration

Start:
End:

01/04/2010
01/10/2012

At a Glance: KIMERAA



Coordinator	Ana Gonçalves, University of Algarve, Portugal
Consortium	7 Partners from 4 Countries (Portugal, Spain, United Kingdom and Ireland)
Project Abstract	KIMERAA aims to develop niches of Excellence through the creation of bridges between the scientific knowledge and firms related with marine resources. KIMERAA promoted a deeper understanding in maritime clusters, the innovation actors and institutions in Atlantic Area. Competencies and services catalogues in Marine Sciences and Clusters were developed in all partner organizations to create a transnational web tool to match research capabilities with technology and product demands. Finally a European Network of Knowledge Transfer in Atlantic Area (ENKTAA) is being promoted in order to give sustainability to results beyond its ending. On the KIMERAA approach, mechanisms of Knowledge Transfer refer to the creation of spin-offs, to the licensing of activities or to sponsored/collaborative projects, and are decisive to consolidate a network of partners that can create robust niches of excellence in maritime clusters that will impact significantly on the growth of regional economies in the Atlantic Area.
Sector Focus	KIMERAA focus in the Maritime sectors in a broad way. However, the development of the project activities was conducted regarding two main maritime sectors: Maritime Services (including research and education) and Coastal Tourism.
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify:
Website	www.kimeraa.eu

At a Glance: OYSTERECOVER

Project Title	Establishing the Scientific Bases and Technical Procedures and Standards to Recover the European Flat Oyster Production through Strategies to Tackle the Main Constraint, Bonamiosis
Who am I? 	<p>Name: Rosa Fernandez Email: rfernandez@cetmar.org Institute: Fundación CETMAR Short Biography: Invited speaker at the University of Vigo for Master Course classes on Technology Watch and Foresight subjects. Worked in technology transfer, EU funding support and advisory services, and R&D public-private liaison. From 2000 to 2002 at Spanish National Research Council, CSIC, and previously to that, since 1996, at Galicia's Technology and Science Park. BSC in Economics (University of Santiago) and Master in Business Administration (Caixanova Business School). Mostly interested in innovation management, networking and in new business models for technology transfer and change-adaptive management techniques.</p>
Project Acronym	OYSTERECOVER
Programme	FP7 - CAPACITIES
Contract Type	Research for the benefit of SMEs and SME Associations or Groupings
Total Budget EC Contribution	Total Project budget (€): 3,199,222.60 EC contribution (€): 2,475,513.89
Total Man Months budgeted	435
Duration Start: End:	01/05/2010 30/04/2013

At a Glance: OYSTERECOVER

Coordinator	Rosa Fernández Otero, Centro Tecnológico del Mar, Fundación CETMAR
Consortium	16 Partners from 6 Countries
Project Abstract	Populations of European native flat oyster, <i>Ostrea edulis</i> , have been decimated since high mortality episodes and overfishing have been occurring through the first half of the XXth century. Then, two diseases (due to <i>Marteilia refringens</i> and <i>Bonamia ostreae</i>) spread in the early 1970s and 1980s, drastically reducing the production in almost all European traditional rearing areas. The disease caused by the parasite <i>Bonamia ostreae</i> has been clearly identified but it is still affecting commercial oyster populations, since all the strategies to fight against the parasite have failed. However, three selective breeding programmes for bonamiosis resistance carried out in France, Ireland and more recently in Galicia (Spain), have produced encouraging results for the oyster industry and highlighted the possibility of growing tolerant strains of flat oysters with profitable survival rates in areas affected by bonamiosis. Profitable culture and restoration of beds are subject to the availability of such strains, which should also be adapted to each particular environment in order to assure an acceptable performance. The project is aimed to obtain the tools and information needed to allow the future development of selective breeding programmes in different production areas in Europe.
Sector Focus	Shellfish farming
End User Focus	Policy <input checked="" type="checkbox"/> Industry <input checked="" type="checkbox"/> Wider Society <input checked="" type="checkbox"/> Scientific Community <input checked="" type="checkbox"/> Other <input type="checkbox"/> If Others please specify:
Website	www.oysterecover.eu

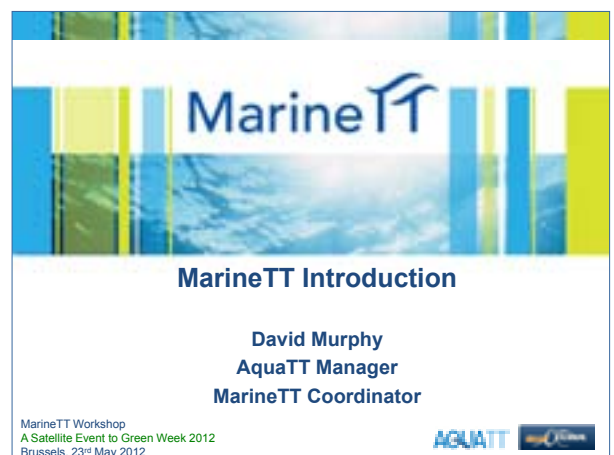
3 Workshop Presentations Session

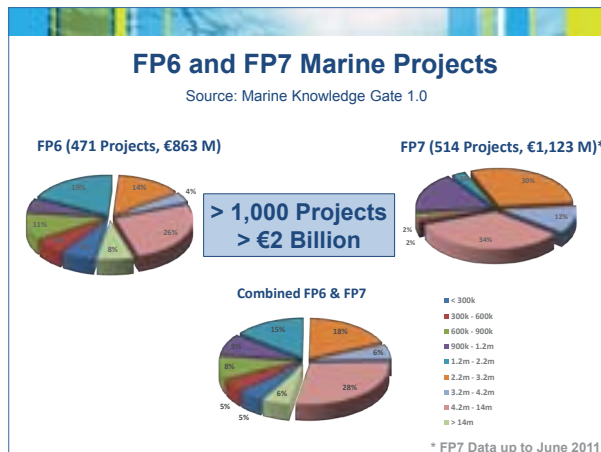
The workshop began with short flash presentations by each participant introducing themselves and their projects.

3.1 Presentations

Welcome by Host – MarineTT

Overview of the MarineTT project - Mr. David Murphy (AquaTT)

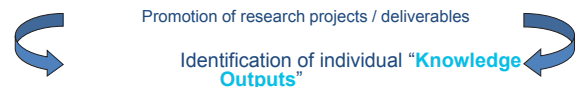




How is MarineTT different?

- Change of focus:
 - Promotion of research projects
 - Identification of individual "Knowledge Outputs"
- The clustering, analysis and validation of "Knowledge Output" potential
- Customised Knowledge Transfer through appropriate positioning of Knowledge Outputs in the value chain (end user focused)
- Measuring the outcome of Knowledge Transfer and Impact(s)

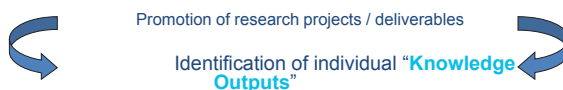
MarineTT Conceptual Approach



A "Knowledge Output" is the term used to describe a unit of knowledge that has been generated during a scientific project.

It is not limited to de-novo or pioneering discoveries but may also include new methodologies/ processes, adaptations, insights, alternative applications of prior know-how or knowledge.

MarineTT Conceptual Approach



- Clear & concise "Knowledge Output" description (including type, IP ownership, completeness, source)
- Identification of possible applications
- Identification of specific end-users
- Assessment of the market readiness

Knowledge Management Methodology



Project Structure: Phases & Status



Online Survey: 507 FP6 & FP7 Projects

Valid Responses: 148 Projects

Knowledge Outputs: 593

Project Structure: Phases & Status



- 1) **Primary Analysis:** Reviewed survey responses & material
- 2) **Internal Analysis:** The MarineTT team reviewed KO's and validated content
- 3) **Coordinator Validation:** Coordinator approved final KO's
- 4) **External Assessment:** Sector focused experts validated content and identified high potential outputs



Project Structure: Phases & Status



CURRENTLY IN PROGRESS

- 1) **Expert Shortlisted Knowledge Outputs** from 53 Projects
- 1) **Due-Diligence**
- 2) **Carry out Tailor Made Knowledge Transfer**
- 3) **Measure the Impact of Transfer**

Context for today's workshop

More Innovation from Research



Context

Not just about effective Transfer, there is a need to analyse the whole research system



How do we open the tap?



The Life and Death of Knowledge



- 1) What are the barriers to innovation from Research
- 2) How do we Overcome the Barriers?



MarineTT Workshop

Agenda

1. Pre-Event: Participant perspectives on barriers
2. Stakeholder Perspectives
3. Insights from initiatives working in field of innovation from research
4. Facilitated participative sessions
5. Actions....Next Steps....

Contact Us

Thank you for your attention

Email: david@aquatt.ie

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Tel: +353 1 644 9008

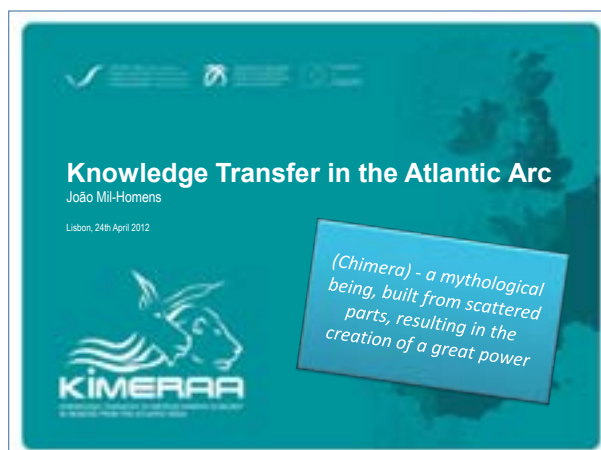


Disclaimer



The research leading to these results has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) under grant agreement no 244164. This publication reflects the views only of the author, and the European Union cannot be held responsible for any use which may be made of the information contained therein.

KIMERAA – Mr. Joao Mil-Homens



LIAISE NoE – Mr. Jacques Jansen



Context and challenges

- IA requires a rich and fruitful **collaboration** between research and policy
- Initiatives are needed to **strengthen current practice** and to **enhance bridging** between the research and the policy community beyond the time span of a research project
- **FP7** equipped to fund the development of IA tools ... **but what about the use of the tools?**
- Challenges with regard to use of IA tools: 1) **integration**, 2) **harmonisation**, 3) better **streamlining** with IA process at work floor



FP7 Network of Excellence LIAISE <http://www.liaise-noe.eu>

Brings together 15 leading research institutes from 9 countries (not only a group of researchers) in the field of IA

- Start 1-11-2009, end 30-4-2014
- Costs: EUR 8,35 mio / EC contribution EUR 6,99 mio
- Expected impacts:
 - increased integration of the IA research community
 - improved efficiency of IA tools through their integrated and mutually complementary development
 - structured dialogue between the research community and policy makers about IA tools development
 - enhanced use of IA tools in policy processes at EU and Member State level



LIAISE Products

- Improved tools / quality criteria for IA tools
- Shared Toolbox with help desk
- Meta-Analysis of user needs
- Test cases
- Shared IA Research Agenda
- Curriculum for training of scientists and policy makers
- Publications and Policy Briefs

Business Plan for post funding period → A virtual centre of excellence as a durable science-policy interface

Associated Partners are welcome to join



Linking Impact Assessment Instruments with Sustainability Expertise

Thanks
JacquesM.Jansen@wur.nl



The research leading to these results has received funding from the European Community's Seventh Framework Programme (FP7/2007-2013) / grant agreement n° 243826 – project LIAISE "Linking Impact Assessment Instruments to Sustainability Expertise".

PROCEED – Mrs. Simona Haprian




**ARAD CHAMBER OF COMMERCE,
INDUSTRY AND AGRICULTURE**

FP7-ENV-2010
PROJECT NUMBER 265352

Simona HAPRIAN
simona.haprian@ccia-arad.ro




PROCEED PROJECT

PROCEED - PROMOTION AND COORDINATION OF ENVIRONMENTAL RESEARCH IN CENTRAL AND EASTERN EUROPE FOR A SUSTAINABLE DEVELOPMENT WITH THE SUPPORT OF THE ENTREPRISE EUROPE NETWORK

www.proceed-project.eu

PROCEED PROJECT

The project focuses on communication and dissemination of research findings and practices on the environment in countries of Central and Eastern Europe (CEE) towards industry, policy makers and public and private research centers in order to improve the acquisition of research results and facilitate the participation of CEE EU – funded projects through cooperation with other European partners.

3

PROCEED PROJECT

Specific research areas the project is based on focus on air pollution, chemical pollution and Environmental Technologies.

Partners have created a database of all environmental practices and innovative research results published in CEE countries that lead to a SWOT analysis of all existing instruments and channels for communicating research results in Europe environment, with emphasis on universities, industry and policy makers.

4

PROCEED PROJECT

Coordinator:

Chamber of Commerce, Industry and Agriculture of Arad County

Partners: Agro Business Park AS (DK),
Chamber of Commerce and Industry of Bulgaria (BG),
Chamber of Commerce and Industry of Slovenia (SI),
MIR Skopje (MK), Chamber of Commerce and Industry of Heraklion (GR),
Mihajlo Pupin Institute (RS),
Center for Technologies in Latvia (LV),
Lithuanian Innovation Centre (LT),
National Institute of Research and Development for Env. Protection (RO),
Chamber of Commerce and Industry Plovdiv (BG),
Sogesca SRL (IT),
Technology Development Centre Osijek (HR),
University of Warsaw (PL)
Unioncamere Veneto (IT).

PROCEED & ENVIMPACT

The PROCEED & ENVIMPACT are the two projects funded under the same topic FP7-ENV-2010-5.1.0-2 we join efforts and collaborate at several areas during project implementation.

The collaboration between them consists in:

1. Communication and dissemination
2. Communication tools (besides website)
3. Project events
4. Methodology for the selection of the research results



SWOT Analysis

SWOT analysis is a strategic planning method used to evaluate the Strengths, Weaknesses, Opportunities, and Threats involved in a project or in a business venture.

In parallel with the collection of existing research practices and results, the project focuses on the analysis and evaluation of how research results are presently communicated and how effective this communication is.

SWOT Analysis

The work takes under minor consideration communication to the large public and concentrates on the analysis of communication from researchers and public and private research institutions in Central and Eastern Europe towards.

Three categories of recipients: policy makers, academia and Industry

Also, the analysis considers three geographical levels of communication: regional, national and EU-wide.

RESEARCH SOCIAL NETWORK

Social media refer to online technologies and practices that are used to share opinions and information, promote discussion, and build relationships among researchers, between researchers and stakeholders.

The RSN give researchers the opportunity to fill in online survey and to be included in the data base for Best Available projects.

The RSN is closely connected with PROCEED web site and PROCEED database so all three instruments are closely interconnected.

PROCEED DATABASE and RSN

URL <http://www.proceed-rsn.eu/join.html>



THANK YOU FOR
YOUR ATTENTION!

SPIRAL – Dr. Allan Watt

SPIRAL – a short introduction

MarineTT workshop
Brussels July 2012

Allan Watt, Centre for Ecology and Hydrology
UK



SPIRAL: Science-Policy Interfaces for Biodiversity: Research, Action, and Learning



The overall aim of SPIRAL is to enhance the connectivity between biodiversity research and policy making in order to improve the conservation and sustainable use of biodiversity.

MarineTT workshop July 2012



Learning from experience.....



UK National Ecosystem Assessment



Interview with Hal Mooney at ALTER-Net summer school, Peyresq

MarineTT workshop July 2012

Sharing lessons learnt.....

IPBES – Intergovernmental Platform for Biodiversity and Ecosystem Services



Afribes – a social network of scientific and technical information on biodiversity and ecosystem services for Africa

MarineTT workshop July 2012

The SPIRAL project team



Centre for Ecology and Hydrology; Medion; INBO; University of Helsinki; Royal Netherlands Institute for Sea Research; University of Bucharest; UFZ; James Hutton Institute; CIRAD

MarineTT workshop July 2012

WaterDiss 2.0 – Mr. Ulf Stein

WaterDiss

WaterDiss2.0: Dissemination and uptake of FP water research results

The FP7 WaterDiss2.0 project in a drop

Ulf Stein
Ecologic Institute, Berlin

Coordination and support action – FP7-ENV-2010 – Grant agreement number 265167

WaterDiss

The SPI-Water Cluster (DG Research)

14 May 2012

IWA World Congress on Water, Climate and Energy in Dublin, Ireland

2

WaterDiss

WaterDiss2.0 - General objectives

- improve dissemination and the uptake of water-related FP6 and FP7 research results
- Improve the way research outputs are provided
- Reduce the time lag to only 3-5 years

14 May 2012 IWA World Congress on Water, Climate and Energy in Dublin, Ireland 3

WaterDiss

Tools - European Water Community (EWC)

Communication platform
Exchange of ideas and information

Join us at:
www.europeanwatercommunity.eu

Bioscience KTN – Dr. Michelle Carter

Technology Strategy Board
Driving Innovation

Biosciences Knowledge Transfer Network

Michelle Carter
Knowledge Transfer Manager


Biosciences KTN (Industrial Biotechnology)
www.innovateuk.org/biosciencesktn

Knowledge Transfer Networks
Accelerating business innovation

Technology Strategy Board
Driving Innovation

What is a Knowledge Transfer Network?

- National** network in a specific field of technology or business application
- Aim:** stimulation of innovation through knowledge sharing and networking
- Knowledge sharing:
 - Business to business
 - Science base to business
 - Between sectors
 - International
- But:** for the **ultimate benefit of business** and the purpose of **wealth creation**
- They are the **Connect** in 'Connect & Catalyse'



Knowledge Transfer Networks
Accelerating business innovation

Technology Strategy Board
Driving Innovation

Biosciences KTN

- Working with four identified sectors:






Knowledge Transfer Networks
Accelerating business innovation

Technology Strategy Board
Driving Innovation

Outcome for business

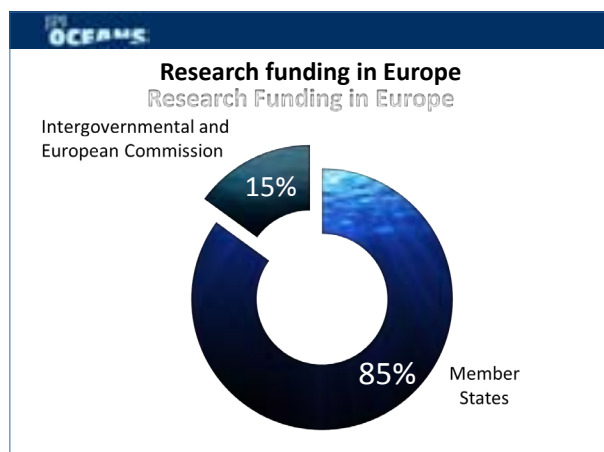
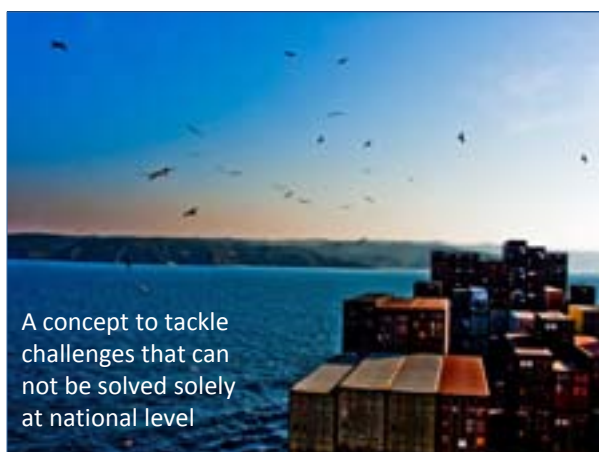


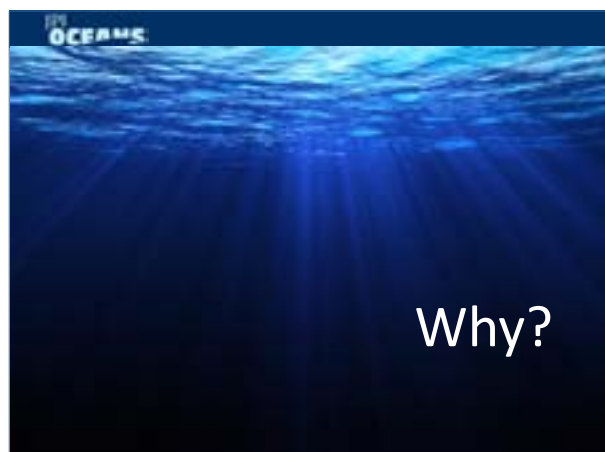
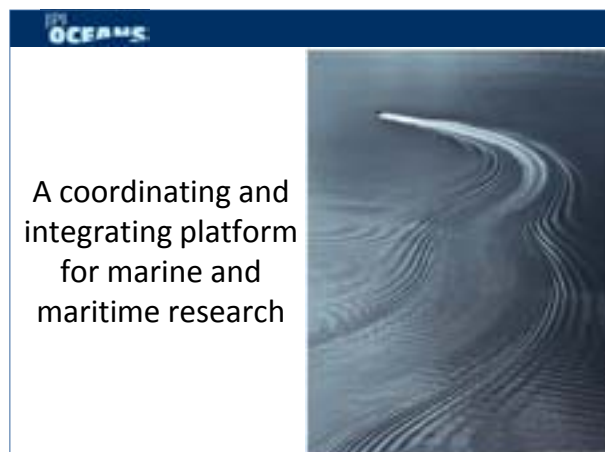
Image by frankh

- Transfer of new technologies
- Creating/improving supply chains
- Creation of collaborations and partnerships
- Accessing funding (signposting & advice)
- Unlocking academic know-how
- Barriers to innovation identified and addressed
- Common voice

Knowledge Transfer Networks
Accelerating business innovation

JPI Oceans – Mr. Willem de Moor





* No Power Point presentations are available for the following participants:

AWARE – Dr. Carlo Sessa
COMFISH - Dr. Paul Pechan
CommNet – Ms. Rhonda Smith
CORALFISH – Dr. Anthony Grehan
ENVIMPACT - Ms. Sabine Léger
KNEU - Dr. Marie Vandewalle
MG4U/ShareBiotech - Dr. Margarida Rossi
OYSTERECOVER – Ms. Rosa Fernandez
STREAM- Ms. Hinano Spreafico
Insight Publishers – Mr. William Davis

Further information on the projects can be found in the biographies provided above or from the project websites.

4 List of participants

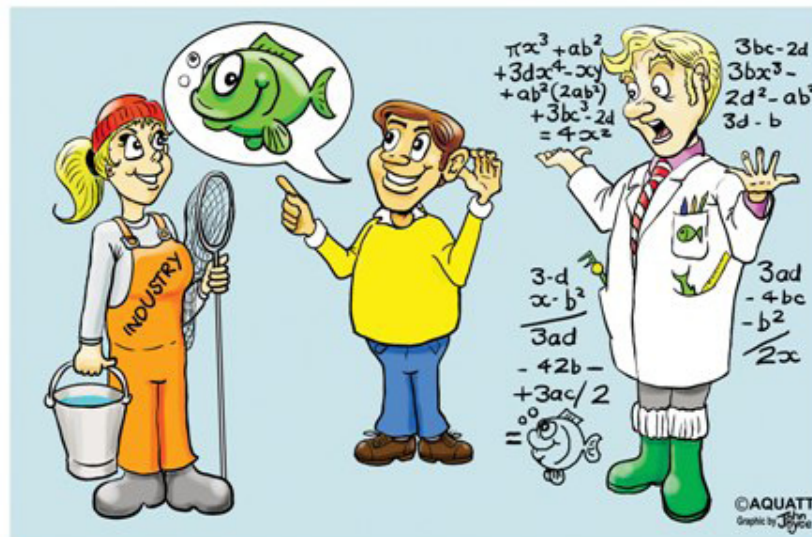
A total of 28 participants from different stakeholder groups (Research, Policy, Industry and Knowledge Management) attended the event.

Surname	Name	Association	Country
Agostini	Paola	DG Research and Innovation	Belgium
Carter	Michelle	Bioscience Knowledge Transfer Network	UK
Carvalho	Telmo	EurOcean	Portugal
Davis	William	Insight Publishers	UK
De Moor	Willem	Flanders Marine Institute	Belgium
Fernandez Otero	Rosa	CETMAR	Spain
Garriga	Maica	EurOcean	Portugal
Grehan	Anthony	NUI, Galway	Ireland
Haprian	Simona	Arad Chamber of Commerce	Romania
Jansen	Jacques	Alterra	The Netherlands
Léger	Sabine	Agence Bruxelloise pour l'Entreprise	Belgium
Marmelstein	Gill	AquaTT	Ireland
Mil-Homens	Joao	University of Algarve	Portugal
Murphy	David	AquaTT	Ireland
Nastaseanu	Ariana	DG Research and Innovation	Belgium
Ni Cheallachain	Cliona	AquaTT	Ireland
Pechan	Paul	Ludwig Maximilians University	Germany
Rodriguez Alfaro	Sebastian	DG MARE	Belgium
Rossi	Margarida	Centre of Marine Sciences (CCMAR)	Portugal
Sasso	Simone	DG Enterprise and Industry	Belgium
Sessa	Carlo	Institute of Studies for the Integration of Systems	Italy
Smith	Rhonda	Minerva Health and Care Communications Ltd	UK
Spreatico	Hinano	Minerva Communication	Belgium
Stein	Ulf	Ecologic Institute	Germany
Stirbat	Liviu	DG Research and Innovation	Belgium
Vielmini	Ilaria	AquaTT	Ireland
Vandewalle	Marie	Helmholtz Centre for Environmental Research	Germany
Watt	Allan	Centre for Ecology and Hydrology - NERC	UK

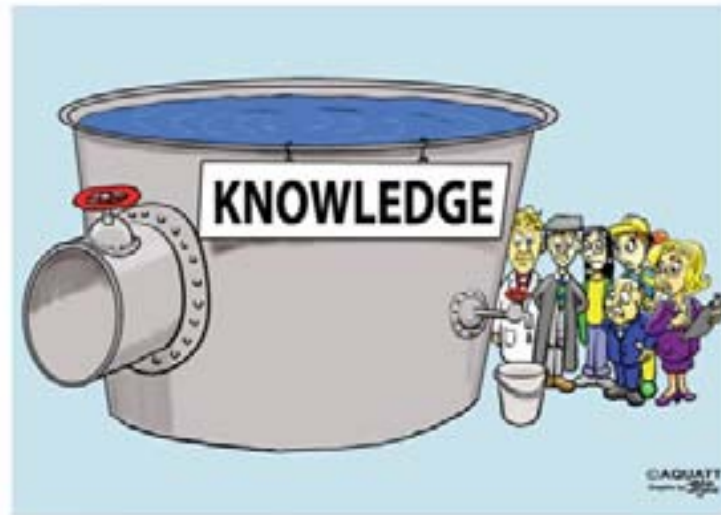
5 Workshop Results: Barriers

- 1 - Lack of understanding on how to carry out knowledge transfer
- 2 - Lack of investment in Knowledge Transfer and Uptake
- 3 - Lack of incentives for knowledge generators to transfer knowledge
- 4 - Lack of transparency and accessibility to publicly funded research (current and past RTD activities and results)
- 5 - Ineffective Knowledge Transfer strategies result in low impact from research
- 6 - Publicly funded research agendas do not always address the needs of end-users
- 7 - The system of working in closed research consortia and not collaborating/sharing externally can limit innovation
- 8 - Inflexible research implementation requirements that restricts consortia from adapting based on interim findings
- 9 - Failure to engage in systematic analysis of research knowledge outputs (essential to identifying potential end-user(s), applications of the knowledge and understanding of realistic timelines for innovation)
- 10 - The gap between the worlds of science and end-user groupings (industry, policy, society at large)
- 11 - End-users do not always have the capacity or motivation to take up results and use them
- 12 - The established Scientific Research Infrastructure and Culture is not designed for rapid and responsive innovation

- 1 - Lack of understanding on how to carry out knowledge transfer



2 - Lack of investment in Knowledge Transfer and Uptake



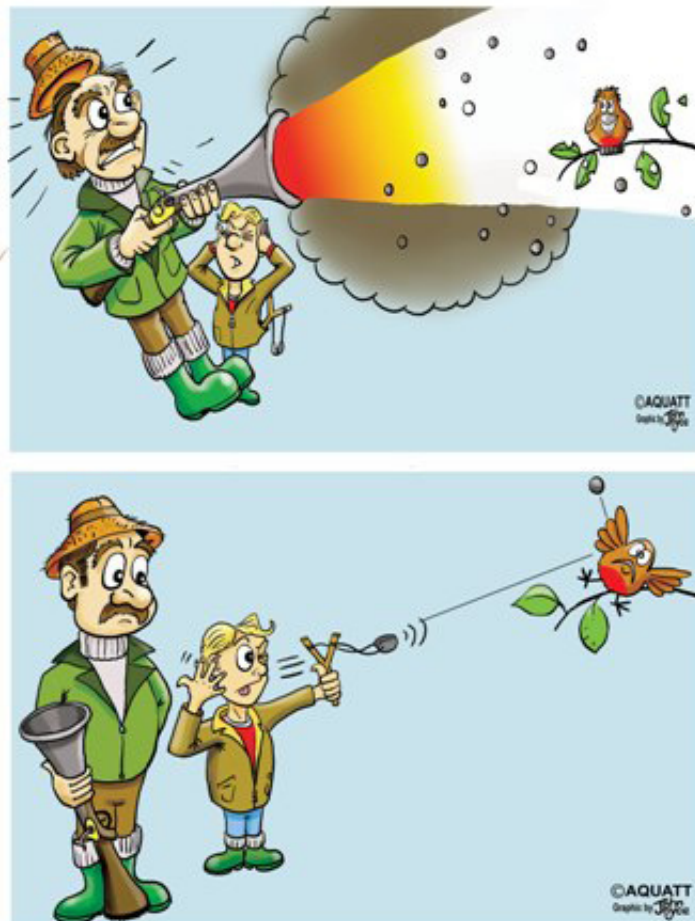
3 - Lack of incentives for knowledge generators to transfer knowledge



4 - Lack of transparency and accessibility to publicly funded research (current and past RTD activities and results)



5 - Ineffective Knowledge Transfer strategies result in low impact from research



6 - Publicly funded research agendas do not always address the needs of end-users



7 - The system of working in closed research consortia and not collaborating/sharing externally can limit innovation



8 - Inflexible research implementation requirements that restricts consortia from adapting based on interim findings



9 - Failure to engage in systematic analysis of research knowledge outputs (essential to identifying potential end-user(s), applications of the knowledge and understanding of realistic timelines for innovation)



10 - The gap between the worlds of science and end-user groupings (industry, policy, society at large)



11 - End-users do not always have the capacity or motivation to take up results and use them



12 - The established Scientific Research Infrastructure and Culture is not designed for rapid and responsive innovation

