



COLUMBUS Blue Society Knowledge Transfer Conference 2018

Making Marine and Maritime Research Count

24 January 2018, Brussels

@COLUMBUS_EU

Agenda

09:30 Coffee and Registration

10:00 Welcome Address

Session 1: COLUMBUS Pathways to Impact

A high-level overview of the COLUMBUS project activities and achievements to date. This will be followed by a panel discussion with COLUMBUS partners involved in the Knowledge Transfer process.

10:15 Introduction to COLUMBUS and Overview of COLUMBUS' Knowledge Transfer Activities
AquaTT

10.45 Panel: The COLUMBUS Journey

An interactive interview style format to exchange experiences and insights, and reflect on the COLUMBUS journey.

Agenda

Session 2: Experiences in Value Creation

Knowledge Transfer practitioners will explore synergies, commonalities and differences in approaches to achieving value creation from research investments.

11:45 Panel: Experiences, Commonalities and Good Practice

Efthalia Arvaniti

Submariner Network

Gareth Davies

Aquatera

Jan-Bart Calewaert

European Marine Observation and Data Network (EMODnet)

Paul Wickes

Cornwall Marine Network

Sveinn Margeisson

Matís

12.55 An Introduction to the Blue Society Concept

Nausicaá

****Presentation of the COLUMBUS Blue Society Award for Impactful Knowledge Transfer****

13:15 – 14:15 Lunch

Agenda



Session 3: Barriers and Challenges to Impact in Marine and Maritime Science

A number of barriers and challenges to achieving impact in the research system will be considered. The results of a flash survey of the COLUMBUS network will be presented outlining perspectives on the key challenges and barriers at three key stages of the research lifecycle: pre-project, project implementation and post-project.

14.15 Interactive Forum

Attendees will be provided with the opportunity to vote on and discuss the importance and significance of these barriers and challenges.

Agenda

Session 4: How can we better optimise the research system to ensure impact resulting in value creation?

COLUMBUS is one of many strategic actions supported by the European Commission to help achieve impact from its research investments. Reflecting on the day and their own experiences, the final panel will discuss what potential actions should be carried out going forward.

15.30 Panel: What strategic actions are needed to further optimise the research system?

Dominique Darmendrail, Water JPI

Sheila Heymans, European Marine Board

Kathrine Angell Hansen, Strategic director JPI Oceans

16:45 Closing remarks

17:00 Close of Meeting

Welcome Address

Marco Weydert, European Commission



Introduction to COLUMBUS and overview of Knowledge Transfer activities

David Murphy, AquaTT

COLUMBUS Strategic and Operational Leader

@COLUMBUS_EU

Context

Translating our research excellence into **innovation** and **industrial growth** is historically a big challenge and is a recognised problem for Europe in general

*"Gap between industry and science: the root of **Europe's chronic underperformance** in technology."*

*"a high percentage of the results of intellectual production has **stayed on the shelf**, unused by the broader society"*

*"**Europe lags behind** other regions in technology investment & application"*

Call Text

BLUE GROWTH: UNLOCKING THE POTENTIAL OF SEAS AND OCEANS

BG11 – 2014: Monitoring, dissemination and uptake of marine and maritime research

Specific challenge: The EU has been funding a large number of marine and maritime R&I projects spread across different programmes. Recent efforts have been made to monitor and facilitate access to information on these projects or their results. However, **key tangible outputs are not always known or exploited when they could be of use to marine and maritime stakeholders, scientists and policy makers.**

Expected Impacts (Call Text)

1. Identify and make available ready-to-use knowledge/results
2. Demonstrate value creation
3. Strengthen communication, dissemination and exploitation
4. Enhance the visibility and impact of marine/maritime research in society.

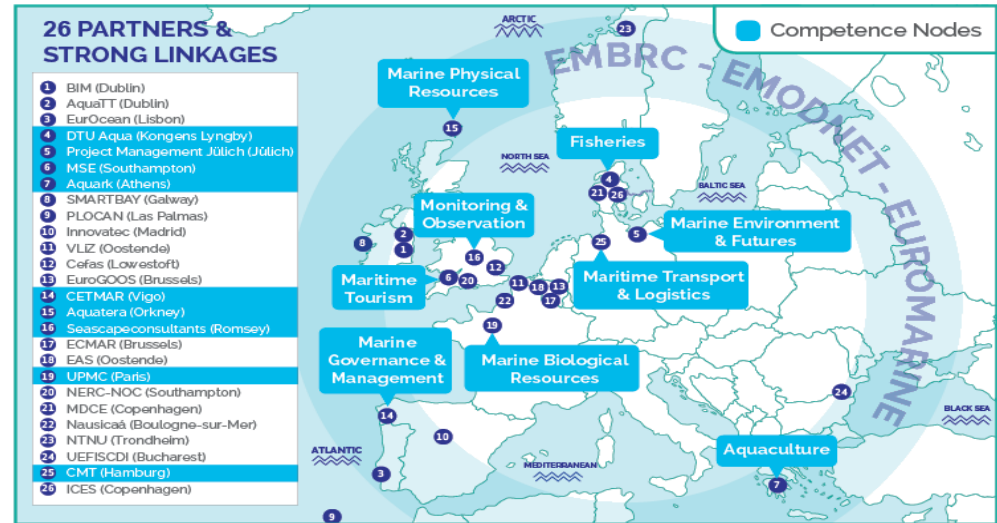


The COLUMBUS Project

Number of partners: 25

Duration:
36 months
(Mar 2015 – Feb 2018)

Coordination and Support
Action (CSA)



“Ensure that **applicable knowledge** generated through EC-funded science and technology research can be **transferred effectively** to **advance** the governance of the marine and maritime sectors while improving competitiveness of European companies and **unlocking the potential** of the oceans to create future jobs and economic growth in Europe (**Blue Growth**)”

Key Principles

- More **Knowledge Transfer actors** are needed to carry out effective Knowledge Transfer (KT)
- KT needs to be **embedded in the research system** and culture
- KT needs to be **focused on end-user needs**
- KT activities need to be a **sustained activity** in the research lifecycle
- Need to demonstrate **value creation** from research

COLUMBUS Fellows

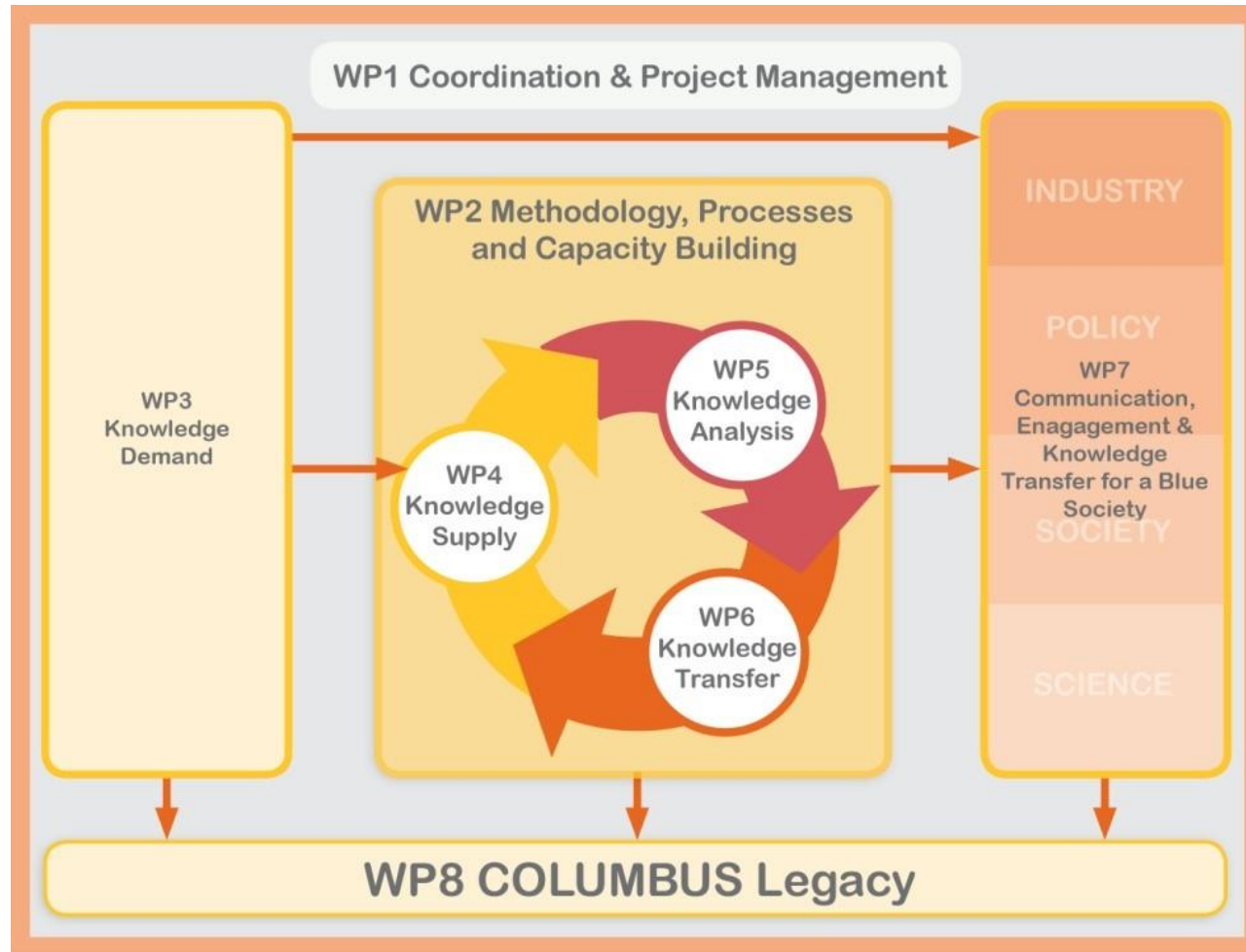
- Building upon **past efforts and learning**
- **Critical mass** of focused Knowledge Transfer activity
- Full time “fellows” dedicated to 9 thematic areas working as a **remote team and active network**
- Challenged to demonstrate **measurable impacts**
- Focused on **filling gaps/ needs/ challenges** to achieve a thriving and sustainable marine and maritime economy



Nodes

1. **Aquaculture** (*Aquark*)
2. **Fisheries** (*DTU Aqua*)
3. **Marine Management & Governance** (*CETMAR*)
4. **Maritime Transport and Logistics** (*CMT*)
5. **Marine Environment & Futures** (*Juelich*)
6. **Marine Biological Resources** (*AquaTT*)
7. **Marine Physical Resources** (*Aquatera*)
8. **Marine Monitoring and Observation** (*Seascape*)





Five Simple Steps

Step 0: Identify needs

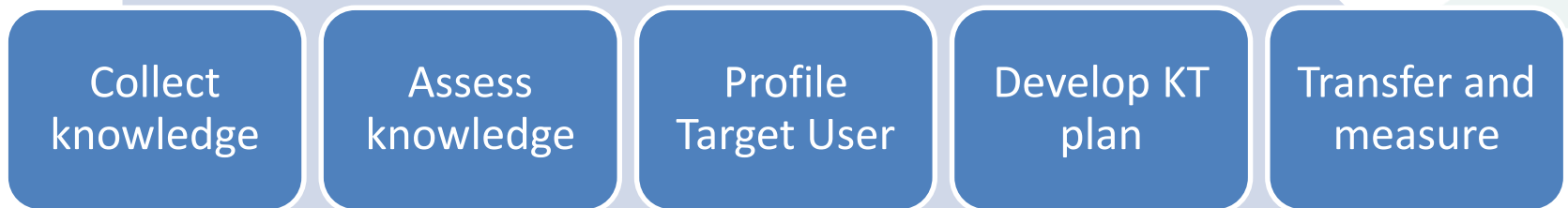
Step 1: Knowledge collected or identified

Step 2: Knowledge is assessed (and prioritised according to need)

Step 3: Target User profiled

Step 4: Planning and framing Knowledge Transfer activities

Step 5: Carry out KT, and measure impact of, activities



Introductory video

Short length:

<https://vimeo.com/203088726>

Full length:

<https://vimeo.com/203077016>



The COLUMBUS Knowledge Transfer Methodology

COLUMBUS Methodology is;

- **Systematic** in approach
- **Replicable** across all scientific domains
- **Applicable** for Science to Policy/Industry/Society
- **Modular** so a few or all elements can be adopted to suit needs

Achievements

6,415 marine and maritime projects **identified**

810 “keyword” projects **filtered**

312 relevant projects **engaged**

111 Knowledge Output Tables **completed**

1,199 Knowledge Outputs **described**

96 **prioritised** Knowledge Outputs for transfer

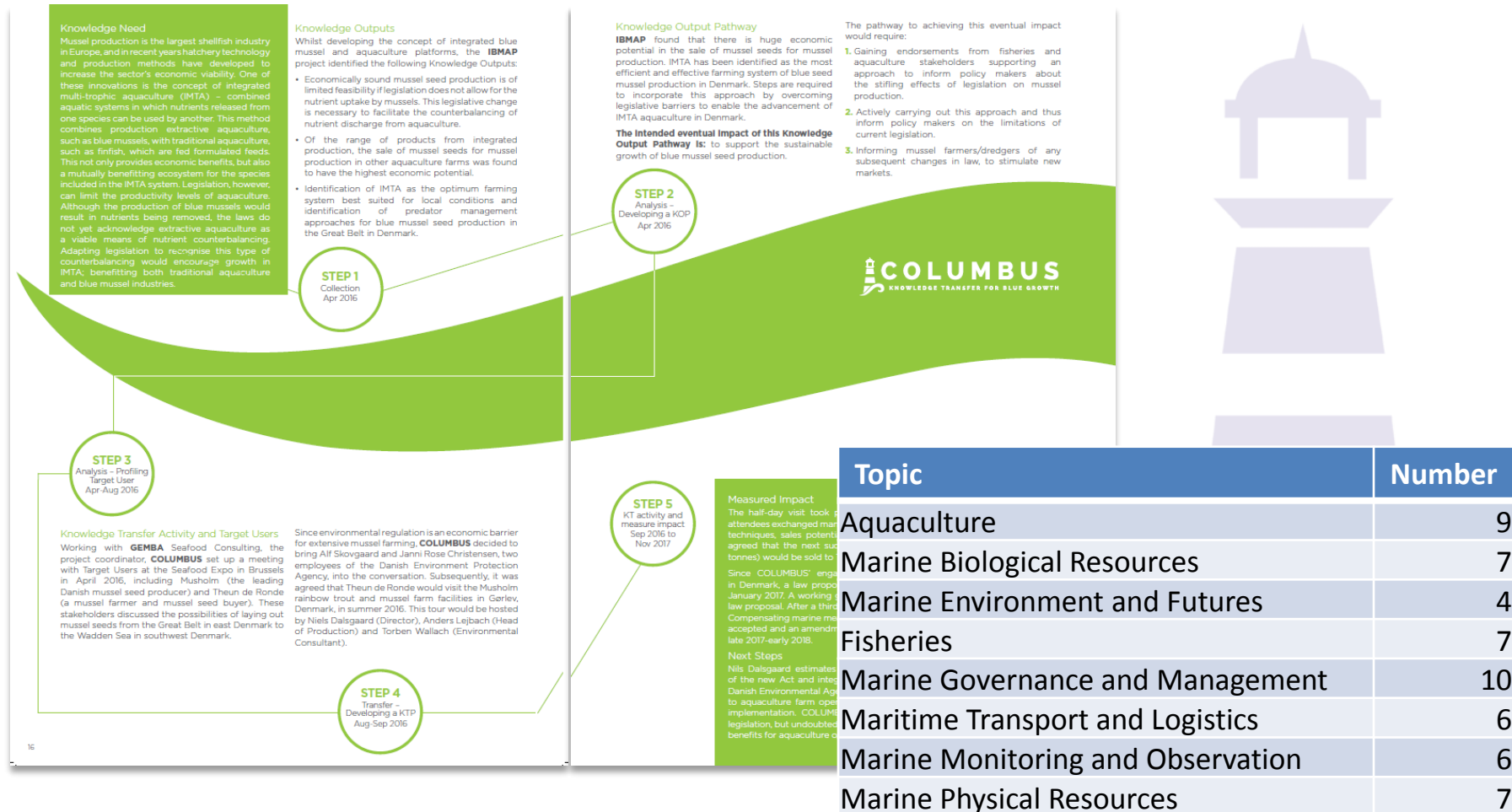
48 **published** stories of COLUMBUS activities – *to grow to 56 by end Feb 2018*

COLUMBUS Stories

- Stories of COLUMBUS Knowledge Transfer booklet
- 16 selected case studies; two from every Competence Node
- Currently, 48 available on-line as first drafts on website *under "project results" tab*.
- **56 final versions will be available by end of February 2018**



Case Studies



Outputs

COLUMBUS is creating measurable impact from marine and maritime European Commission-funded projects. It has been:

- **Refining the COLUMBUS Knowledge Transfer (KT) Methodology**
(Simple guidelines available at www.columbusproject.eu; final version available from March 2018)
- **Building capacity in KT**
 - (i) Trained full-time Fellows each focused on different sectors*
 - (ii) Ran courses for researchers and funding agencies (Nov 17 & Jan 18)*
- **Examining the system barriers** affecting efficient KT and reviewing current metrics for research performance
- **Developing a set of recommendations for funding agencies** on how to incorporate KT as a priority component of the research evaluation mechanism
(Available from March 2018)

Capacity Building

- **Trained Knowledge Fellows**
 - Central 2 day workshop
 - Consortia meeting workshops
 - Regular group conference calls and support
 - Refresher workshop for new team members
 - *A lot of vocational experiential learning*
- ***COLUMBUS methodology for Funding Agencies (Nov 17)***
- ***COLUMBUS methodology for Funding Agencies (Jan 18)***



Legacy Actions

- **Examining the system barriers** affecting efficient KT and reviewing current metrics for research performance
- **Developing a set of recommendations for funding agencies** on how to incorporate KT as a priority component of the research evaluation mechanism
- Publish a COLUMBUS **Handbook** to allow others interested in methodology to be able to
- Develop a **set of recommendations** arising from COLUMBUS

Accelerating Blue Growth through Marine and Maritime Knowledge Transfer COLUMBUS Event

Thursday 22 February 2018
13:00-16:00
Room A3H1
European Parliament, Brussels

Hosted by:

Ricardo Serrão Santos MEP

Chair of the “Biodiversity & Ecosystem Services” Working Group of the EP Intergroup on
“Climate Change, Biodiversity and Sustainable Development”



COLUMBUS Legacy

Today is the **final** COLUMBUS Blue Society Knowledge Transfer Annual Conference.

It is an opportunity to;

- discover COLUMBUS' Knowledge Transfer activities and outputs,
- participate in discussions on the barriers, challenges and potential solutions to optimise the research system and achieve measurable impact.

The COLUMBUS **recommendations will be informed by today's discussions**. We will capture your experiences, insights and opinions on the research system and encourage you to provide your thoughts and recommendations on how it could be improved.

Thank You

Any questions?

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www.columbusproject.eu