

HORIZON 2020 Work Programme 2018-2020

Programme of the H2020 SC2 Infoweek

Info day and brokerage

Bioeconomy policy day

Digitising agriculture and
food value chains

Blue growth and R&I

14-17 November 2017

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Horizon 2020 Societal challenge 2 InfoWeek

The infoweek at a glance

Investing €1,3 Bn in R&I on food, agriculture, forestry, fisheries, oceans and bioeconomy to achieve broader EU policy goals

PART I – Funding opportunities and how to benefit						
14 Nov.	Infoday - What are the new funding opportunities?					
	Plenary – Horizon 2020 Work programme 2018-2020					
	Sustainable food security	Rural renaissance	Blue Growth			
15 Nov.	Brokerage event - How to find partners and interesting project ideas?					
PART II – The broader EU policy context						
16 Nov.	Bioeconomy policy day					
	High-level opening					
	Rural areas opportunities	Climate benefits	Circular economy			
	Bioeconomy Ecosystems	Smart specialisation	Biorefineries & Bioenergy			
	Bioeconomy indicators	Food waste	Blue Bioeconomy			
17 Nov.	Digitising agriculture and food value chains		Blue Growth and R&I			
	Digital revolution, agriculture, food and R&I		Marine R&I & EU policies			
	Digital innovation hubs & platforms	Data management from farm to fork	Sustainable bioresources			
	Stakeholders panel: opportunities & challenges		Stressors and food security			
	Agriculture digitisation	Food digitisation	Marine digitisation			
<table border="1" style="width:100%; text-align:center;"> <tr> <td style="width:33%; background-color: #f4a460;">ROOM - DE GASPERI</td> <td style="width:33%; background-color: #e31a1c;">ROOM - MANSHOLT</td> <td style="width:33%; background-color: #8e44ad;">ROOM - JENKINS</td> </tr> </table>				ROOM - DE GASPERI	ROOM - MANSHOLT	ROOM - JENKINS
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Infoday on Societal challenge 2 calls for 2018

Food security, sustainable agriculture and forestry, maritime and inland water research and the bioeconomy

14 November 2017

Charlemagne Building

Detailed Agenda

Morning session (Room: De Gasperi)

Session 1: Introduction to the Work Programme 2018 – 2020

- 8:00** Welcome coffee and registration
> 9:00
- 9:00** Opening of the Info Day
> 9:30 Marc Bellens, Head of Department, Research Executive Agency (REA)
John Bell, Director, DG RTD
Nathalie Sauze-Vandevyver, Director, DG AGRI
- 9:30** Insights into the new Work Programme: research priorities and novelties
> 10:00 Jyrki Suominen, Deputy Head of Unit, DG RTD-F.1
- Sustainable Food Security and Rural Renaissance**
Alberto D'Avino, Deputy Head of Unit, DG AGRI-B.2
- Blue Growth**
Elisabetta Balzi, Deputy Head of Unit, DG RTD-F.4
- 10:00** Questions and Answers
> 10:30
- 10:30** Coffee break
> 11:00

Session 2: Information on 2018 Calls for proposals

- 11:00** Hands on: Experience from previous calls and Specificities of SC2
> 12:30 Kerstin Rosenow, Head of Unit, REA- B2
- 11:00** Questions and Answers
> 12:30
- 12:30** Lunch Break
> 13:30

ROOM - DE GASPERI

ROOM - MANSHOLT

ROOM - JENKINS

Afternoon session (Rooms: De Gasperi, Mansholt and Jenkins)

13:30 Parallel sessions
 > 16:00

16:00 Conclusions from the parallel sessions

Kerstin Rosenow, Head of Unit, REA-B2

	Sustainable Food Security	Blue Growth	Rural Renaissance
Session 1	From functional ecosystems to healthy food	Towards a Baltic and North Sea R&I Programme	From farm to society: understanding dynamics and modernising policies
Session 2	Environment and climate smart food production and consumption	Blue Bioeconomy PPP sustainable harvesting of marine biological resources	Organising food and non-food value chains under changing conditions
Session 3	Building Capacity in the agro-food sector	Sustainable European aquaculture 4.0: nutrition and breeding	Taking advantage of the digital revolution
Session 4	Targeted international cooperation	The Future of Seas and Oceans Flagship All Atlantic Ocean Research Alliance Flagship	Boosting innovation and enhancing the human and social capital in rural areas

Parallel sessions per call

Room De Gasperi		
Sustainable Food Security Moderator: Annette Schneegans, DG AGRI-B2		
13:30	From functional ecosystems to healthy food	Annette Schneegans, Inge Van Oost, Louis Mahy, and Miroslav Bozic, DG AGRI Marios Markakis and Isabelle de Froidmont, DG RTD
14:30	Environment-smart and climate-smart food production and consumption	Gaëtan Dubois, DG AGRI, and Doru Irimie and Garbiñe Guiu, DG RTD
14:50	Building capacity in the agro-food sector	Annette Schneegans and Louis Mahy, DG AGRI
15:15	Targeted international Cooperation	Agnieszka Romanowicz, DG AGRI Ciaran Mangan, DG RTD

Room Jenkins		
Blue Growth topics Moderator: Sigi Gruber, DG RTD-F4		
13:30	Towards a Baltic and North Sea R&I Programme	Ivan Conesa Alcolea, DG RTD
14:00	Blue Bioeconomy PPP Sustainable harvesting of marine biological resources	Nikos Zampoukas, DG RTD
14:30	Sustainable European aquaculture 4.0: nutrition and breeding	Marta Iglesias, DG RTD
	The Future of Seas and Oceans Flagship	Marco Weydert, DG RTD
	All Atlantic Ocean Research Alliance Flagship	Ana Teresa Caetano, DG RTD

Room Mansholt		
Rural Renaissance Moderator: Alexia Rouby, DG AGRI-B2		
13:30	From farm to society: understanding dynamics and modernising policies	Alexia Rouby, Louis Mahy, Gaëtan Dubois, DG AGRI
14:00	Organising food and non-food value chains under changing conditions	Jose Ruiz Espi, DG AGRI
14:20	Taking advantage of the digital revolution	Ana Cuadrado, Inge Van Oost, Louis Mahy, DG AGRI
14:45	Boosting innovation and enhancing the human and social capital in rural areas	Inge Van Oost, DG AGRI

Bioeconomy Policy Day

Thursday 16 November

Charlemagne building

8:00 **Registration**
> 8:30

8:30 **Welcome coffee & project exhibition**
> 9:00

9:00 **Welcome by moderator, Aminda Leigh**
> 9:15

High-level opening, room De Gasperi

9:15 **Welcome and setting the scene**
> 9:30 **John Bell**, Director for Bioeconomy, Directorate-General for Research and Innovation

9:30 **Carlos MOEDAS**, Commissioner for Research, Science and Innovation

9:45 **Video Clip 1**
Follow-up of the **Open competition on R&I projects related to bioeconomy**

9:50 **Simona BONAFE'**, MEP and rapporteur of Waste package (CE)

10:00 **Video Clip 2**
Follow-up of the **Open competition on R&I projects related to bioeconomy**

10:05 **Joanna DUPONT**, Stakeholder chair presenting Manifesto

10:15 **Video Clip 3**
Follow-up of the **Open competition on R&I projects related to bioeconomy**

10:20 **Coffee break & project exhibition**
> 10:50

10:50 **Parallel policy sessions**
> 12:15

Parallel policy sessions

Room De Gasperi (DG AGRI)	
Innovation in the bioeconomy: new opportunities for rural areas Moderator: Dr. Calliope PANOUTSOU, Imperial College London	
Common Agricultural Policy and Bioeconomy	Keynote speaker: Pierre BASCOU (EC, DG AGRI)
Glanbia biorefinery business model	Bill MORRISSEY , Procurement Manager Glanbia
Panel discussion	Oana NEAGU , Director COPA-COGECA Lena BRUCE , European State Forest Association (EUSTAFOR) Davy LIGER , Head of office in charge of “bioeconomy” at the Ministry of Agriculture in France. Bill MORRISSEY
Q&A	
Wrap up from the rapporteur	

Room Jenkins (DG GROW)	
The role of bioeconomy in advancing circular economy Moderator: Luisa PRISTA, Head of Unit, DG Chemicals Unit, DG GROW	
The Fertilizer regulation: “New market opportunities for recycled nutrients from European biomass (here, especially bio-waste)”	Chris THORNTON , European Sustainable Phosphorus Platform
Plastics in the Bioeconomy: “Innovative Plastics using Secondary Raw Materials”	Kristy-Barbara LANGE , European Bioplastic
Bio-based products: “Outputs from the Commission Expert Group on Bio-Based Products”	Harmen WILLEMSE , Co-Chair of Commission Expert Group on Bio-Based Products
Q&A	
Wrap up from the rapporteur	

Room Mansholt (DG CLIMA)	
Climate benefits of the bioeconomy Moderator: Anna-Kaisa ITKONEN, Commission Spokesperson for Climate Action and Energy	
What are the issues at stake in the Bioeconomy?	Bart MUYS , Professor of forest ecology and management at K.U.Leuven, Faculty of Bioscience Engineering
The Role of Bioeconomy and Innovation in addressing Climate Change	Daniel ZIMMER (Climate- Kic)
Bioeconomy growth and sustainable forest management: opportunities for forest owners	Emma BERGLUND , Secretary general CEPF, Confederation of European Forest Owners
How to turn agriculture by products into a sustainable resource in the garment sector	Enrica ARENA , Co-founder Orange Fiber srl
Climate benefits of the bioeconomy	Bart MUYS (University of Leuven)
Q&A	
Wrap up from the rapporteur	

12:15 **Buffet Lunch & project exhibition**
> 13:15

13:15 **Parallel policy sessions**
> 14:15

Room Mansholt (DG REGIO)

Bioeconomy and Smart specialisation in regions

Moderator: Katja REPPEL, Deputy Head of Unit Smart and Sustainable Growth, DG REGIO

Introduction: smart specialisation, EU cohesion policy and importance for bioeconomy

Katja REPPEL

Specialising in bioeconomy: what role for regions and business?

Daniele COLOMBO, Technical Coordinator of the Bioeconomy Pilot of the Vanguard Initiative

Panel discussion

Daniele COLOMBO
Lieve HOFACK, Project manager at Bio Base Europe
Antoine PEETERS, Head of Department of IAR - a French Bioeconomy Cluster

Q&A

Wrap up from the rapporteur

Room Jenkins (DG ENER)

The integrated roles of biorefineries and bioenergy in the bioeconomy

Moderator: Hans VAN STEEN, Advisor, DG ENER

Bioenergy Road Map 2017

Adam BROWN, Senior Energy Analyst at International Energy Agency

The Role of Bioenergy and Biorefining to achieve the Paris Agreement.

René VAN REE, Wageningen University (TBC)

Maximizing the value of wood in the integrated biorefinery.

Gisle LOHRE JOHANSEN, Senior Vice President R&D and Business Development, Executive Vice President Fine Chemicals, Borregaard

Wood-based Biofuels and the Full Potential of Biorefining

Sari MANNONEN, Vice President, UPM Biofuels

Enabling sustainable industries for Europe's Bioeconomy

Simon W. HERRIOTT, Global Business Director, Bioactives, DuPont Industrial Biosciences

The Chemical industry as keyenabler for the circular bioeconomy

Markus RARBACH, Head of Start-up Business Project Biofuels & Derivatives Group Biotechnology, Clariant Produkte (Deutschland) GmbH

Q&A

Wrap up from the rapporteur

Room De Gasperi (DG ENV)

Ecosystems as the productive basis of the bioeconomy – health, resilience and productivity

Moderator: Humberto DELGADO ROSA, Director, DG ENV

Agro-ecosystems: Optimising productivity under environmental constraints

Prem S. BINDRABAN, Director of European-Netherlands Office IFDC Executive

Global biomass supply potentials in 2050: dependency on changes in food systems and agriculture.

Prof. Dr. HELMUT HABERL, Director Institute of Social Ecology Vienna (SEC) Alpen-Adria Universitaet (AAU)

The Natural Capital Protocol

Marta SANTAMARIA, Technical Director, Natural Capital Coalition

Beyond biomass: The role of biodiversity and ecosystem services

Sini ERÄJÄÄ, EU Bioenergy Policy Officer, BirdLife Europe

Q&A

Wrap up from the rapporteur

14:15 **Coffee break and & project exhibition**
> 15:15

15:15 **Parallel policy sessions (next page)**
> 16:45

Room Mansholt (DG SANTE)

Practice of food waste prevention as implementation of policy of circular economy

Moderator: Aminda LEIGH, AMROS Media Solutions

Introduction	Sabine Juelicher - Director, SANTE E
New possibilities in the food supply chain (food into feed, food into other commodities) balance of safety vs efficiency	Paul FEATHERSTONE, European Former Foodstuff Processors Association (EFFPA)
Innovation and valorisation by-products key to reduce food loss & waste in EU potato processing industry	Jolanda SOONS-DINGS, European Potato Processors Association (EUPPA)
Influencing consumers' behaviour to limit food waste prevention: achieved goals and further research needs.	Erica VAN HERPEN, Wageningen UR
Q&A	
Wrap up from the rapporteur	

Room De Gasperi (JRC)

Indicators for the bioeconomy: what do we need, what do we have, what are the gaps?

Moderator: Joachim KREYSA, Adviser for Bio-Economy, JRC

Introduction	Giovanni DE SANTI, Director, JRC D
Defining indicators	Marcos DOMINGUEZ, JRC I.1
Indicators on bioeconomy	Andrea CAMIA, JRC D.1: Biophysical indicators Robert M'BAREK, JRC D.4: From static indicators to future-oriented scenarios
Experience with bioenergy indicators and sustainability criteria	Giulio VOLPI, European Commission, DG ENER
Environmental indicators	Anne TELLER, European Commission, DG ENV,
Indicators for bioeconomy policy	Dr. Katja ZBORALSKI, Federal Ministry of Education and Research, Germany
Indicators for the bio-based products industry	Pilar LLORENTEI RUIZ DE AZUA, Bio-Based Industries Joint Undertaking
Q&A	
Wrap up from the rapporteur	

Room Jenkins (DG MARE)

A dive into the blue bioeconomy

Moderator: Bernhard FRIESS, Director, DG MARE

Generating food and biomass from the oceans

Daniela SCHMIDT, University of Bristol

Marine ingredients for the bioeconomy

Neil AUCHTERLONIE, The Marine Ingredients Organisation (IFFO).

Technology and markets for algae.

Vítor VERDELHO VIEIRA, European Algal Biomass Association (EABA)

Investing in the blue bioeconomy

Pierre ERWES, BioMarine,

Q&A

Wrap up from the rapporteur

16:45 **Wrap up from parallel sessions, room De Gasperi**
> **17:00**

17:00 **Closing by Commissioner Phil Hogan**
> **17:15** European Commissioner for agriculture and rural development

Digitising agriculture and food value chains

Research and innovation delivering on EU policy objectives

Friday 17 November

Charlemagne Building

The event will be moderated by Katrina Sichel, Wit and word communications

8:00 Welcome coffee and registration
> 8:45

High-level opening, room De Gasperi

8:45 Welcome by moderator
> 9:00

9:00 Digital technologies' potential for addressing future challenges in food and farming
> 9:15

Phil Hogan, European Commissioner for agriculture and rural development

9:15 How could national digitisation strategies benefit food and farming: the Estonian case
> 9:30

Toomas Kevvai, Deputy Secretary General for Food Safety, Research and Development, Ministry of rural affairs of the Republic of Estonia

From policy to practice: how can various approaches deliver concrete outcomes for the food and farming sector, and for citizens?

9:30 Plenary - Digital revolution, agriculture, food and R&I: what's going on?
> 10:40

- **The digital single market: the overall policy framework, including Digitising European Industries and the data economy** – *Pearse O'Donohue*, Director of the Future networks team at European Commission's DG Communications Networks, Content & Technology
- **Digitising agriculture: what are the trends in precision farming and overview of R&I activities** – *Niels Götke* – Coordinator of ICT-AGRI 2 ERANET (Denemark)
- **EIT Food: towards a more people-centric and resource smart food system** – *Klaus Beetz*, Vice-President of External cooperations at SIEMENS, EIT FOOD (Germany)

Exchange with the audience on presentations

10:40 Networking coffee in the exhibition area
> 11:00

11:00 Parallel sessions
> 12:00 **Parallel session 1: Digital innovation hubs and platforms: what potential for farming, value chains and society? (DE GASPERI)**

Moderator: Katrina Sichel

- **Digital innovation hubs: outcomes of the EIP Seminar in Kilkenny and opportunities under Horizon 2020 WP 2018-2020** – *Ana Cuadrado Galvan*, European Commission DG Agriculture and rural development
- **The alliance on internet of things (AIOTI): the potential of digital platforms in agriculture** – *Marcos Álvarez*, AIOTI Sub-group on agriculture (Spain)
- **IOF2020: a large-scale pilot on Internet of things for food and farming (H2020 SC2)** – *George Beers*, WUR, Coordinator of IoF2020 (The Netherlands)
- **Flanders Food: realising the potential of digitisation for food production, distribution and nutrition** – *Inge Arents*, Managing Director Flanders Food (Belgium)

Exchange with the audience on presentations.

Parallel session 2 - Improving data management from farm to fork (MANSHOLT)

Moderator: Celina Ramjoué, European Commission

- **Data sharing: outcomes of the EIP workshop in Bratislava and policy follow-up** – *Louis Mahy*, European Commission DG Agriculture and Rural development & *Celina Ramjoué*, European Commission DG Communications Networks, Content & Technology
- **European Open Science Cloud: sharing and reusing research data in agriculture, food and nutrition** – *Wim Haentjens*, European Commission DG Research and innovation
- **Agriculture in Big data Europe** – *Nikos Manouselis*, coordinator, Agroknow (Greece)
- **Big Expectations from Big Data: Reflections from interacting with stakeholders** – *Grigoris Chatzikostas*, coordinator, BioSense Institute (Serbia)

Exchange with the audience on presentations.

12:00 > 13:00 Plenary session – Stakeholders panel: what are the opportunities and challenges brought by digitisation? (DE GASPERI)

Moderator: Katrina Sichel

A panel will be invited to comment on the opportunities related to farming and food digitisation and on obstacles faced on the ground when it comes to implementing them:

- **Tina Dahl**, livestock farmer (Sweden)
- **Riinu Lepa**, Tagurpidi Lavka & Estonian Social Enterprise Network - digital supply chain management & social entrepreneur (Estonia)
- **Pal Goda**, Discovery R&D Center - Innovation support (Hungary)
- **Elli Tsiforou**, Gaia Epicheirein - ICT in agriculture (Greece)

13:00 > 14:00 Lunch in the exhibition area

14:00 > 15:30 Parallel sessions – Showcasing promising solutions to address challenges

These sessions will showcase successful projects covering a range of promising technologies or approaches and allow participants to take stock on latest developments and highlight the most promising future investment areas.

Parallel session 1: Digital solutions to meet future agriculture challenges (DE GASPERI)

Moderator: Katrina Sichel

- **RECAP** - “Personalised public services in support of the implementation of the CAP” – *Machi Simeonidou* - Project Coordinator, Draxis Environmental (Greece)
- **DataBIO** - “Data-Driven Bioeconomy” – *Athanasios Poulakidas* – Project Coordinator, Intrasoft-intl (Belgium)
- **EU-PLF** - “Bright Farm by Precision Livestock Farming” – *Vasileios Exadaktylos*, BioRICS, (Belgium)
- **SWEeper** - “Sweet Pepper Harvesting Robot” – *Jos Balendonck* – Project Coordinator, WUR (The Netherlands)

Parallel session 2: Digitising food research, processing and consumption (MANSHOLT)

Moderator: Barend Verachtert, European Commission, DG Research and innovation

- **E-ROSA** – “Towards an e-infrastructure roadmap for open science in agriculture” – *Odile Hologne* – INRA (France)
- **RICHFIELDS** – “Research Infrastructure on Consumer Health and Food Intake using E-science with Linked Data Sharing” – *Monique Raats*, University of Surrey (United Kingdom)
- **Picknpack** – “Flexible robotic systems for automated adaptive packaging of fresh and processed food products” – *Erik Pekkeriet*, WUR (The Netherlands)
- **PeptiEUForce** – “Using artificial intelligence and DNA analysis to find new disease-beating molecules in natural foodstuffs” – *Emmet Browne*, CEO of NURITAS (Ireland)

Parallel session 3: Marine data and digitisation (JENKINS)

Moderator: Aminda Leigh

- **BlueBRIDGE** - Building Research environments for fostering Innovation, Decision making, Governance and Education to support Blue Growth – *Donatella Castelli*, Consiglio Nazionale delle Ricerche (Italy)
- **LakhsMI** - Sensors for LArge scale HydrodynaMIC Imaging of ocean floor – *Maarja Kruusmaa*, Tallinna tehnikaulikool (Estonia)
- **EfficienSea2** - Efficient, Safe and Sustainable Traffic at Sea – *Christopher Saarnak*, Danish Maritime Authority (Denemark)
- **CEASELESS** - Copernicus Evolution and Applications with Sentinel Enhancements and Land Effluents for Shores and Seas – *Agustin Sanchez Arcilla*, Universitat Politecnica de Catalunya (Spain)

This session is common with the event on [“Blue Growth and research and innovation”](#). Presentation of the projects will be followed by a discussion on their uptake by a panel of users.

15:30 **Coffee break**
> 16:00

Reporting & closing session (DE GASPERI)

16:00 **Flash report of the parallel sessions:**
> 16:30 Highlights on the main innovations presented and their promising character for the future. discussion with audience and take-home messages.

16:30 **Concluding remarks**
> 16:45 **Nathalie SAUZE-VANDEVYVER** – Director for quality, research and innovation and outreach at European Commission, DG Agriculture and rural development.

Blue Growth Research & Innovation

Friday 17 November

Charlemagne Building

Moderator: Aminda Leigh, room Jenkins

9:00 Registration
> 9:30

9:30 Welcome by moderator
> 9:40

9:40 Opening address
> 9:55 **John Bell**, Director of Bioeconomy, Directorate-General for Research and Innovation, European Commission

9:55 Introduction: EU Research and Innovation in Blue Growth
> 10:45 This session will provide an overview of EU programmes contributing to Blue Growth through research and innovation, highlighting their portfolios, results and impacts, their synergies, as well as their future opportunities. This will include Horizon 2020 marine and maritime research and innovation, as well as related programmes and other funds contributing to Blue Growth such as European Maritime and Fisheries Funds (EMFF) (Directorate-General for Maritime Affairs and Fisheries) or InterReg (Directorate-General for Regional and Urban Policies).

- **Elisabetta Balzi**, Directorate-General for Research and Innovation, European Commission
- **Haitze Siemers**, Directorate-General for Maritime Affairs and Fisheries, European Commission
- **Katja Reppel**, Directorate-General for Regional and Urban Policy, European Commission
- **Guenter Hoermandinger**, Directorate-General for Environment, European Commission
- **Philippe Mengal**, Executive Director, Bio-Based Industry JU

10:45 Networking coffee
> 11:00

11:00 Thematic sub-session 1: The value of Sustainable Marine Bioresources
> 12:00 This sub-session will showcase project portfolios on marine biotechnology, aquaculture and fisheries, followed by discussion on their uptake by a panel of users.

Projects showcased:

- **MarPipe** (Improving the flow in the pipeline of the next generation of marine biodiscovery scientists), *Donatella De Pascale*, Consiglio Nazionale delle Ricerche
- **GenialG** (GENetic diversity exploitation for Innovative macro-ALGal biorefinery), *Philippe Potin*, Centre National de la Recherche Scientifique
- **MyFish** (Maximising yield of fisheries while balancing ecosystem, economic and social concerns), *Anna Rindorf*, Aqua DTU
- **SYLFEED** (From forest to feed: enable the wood industry to bridge the protein gap), *Amélie Drouault*, Arbiom

Panel of users:

- **Joanna Dupont-Inglis**, Director, Industrial Biotechnology, The European Association of Bioindustries (EUROPABIO)
- **Katerina Moutou**, PerformFISH Coordinator, University of Thessaly – UTH
- **Vítor Verdelho**, President of the European Algae Biomass Association and CDO of Algae For Future
- **Courtney Hough**, General Secretary, The Federation of European Aquaculture Producers (FEAP)

12:00 **Thematic sub-session 2: Marine Stressors and Food Security**

> **13:00**

This sub-session will showcase project portfolios on marine litter, the impact of climate change on marine ecosystems and food security, followed by a discussion on their uptake by a panel of users.

Projects showcased:

- **COMMON SENSE** (Cost-effective sensors, interoperable with international existing ocean observing systems, to meet EU policies requirements), *Sergio Martinez*, LEITAT Technological Centre
- **CLIMEFISH** (Co-creating a decision support framework to ensure sustainable fish production in Europe under climate change), *Hanne Risan Johnsen*, Arctic University of Norway
- **FISHPOPTRACE** (Fish Population Structure and Traceability), *Gary R. Carvalho*, University of Bangor
- **EPHEMARE** (Ecotoxicological effects of microplastics in marine ecosystems), *Ricardo Beiras*, Universidade de Vigo

Panel of users:

- **Wojciech Wawrzynski**, Head of Science Support, ICES
- **Nadia Moalla Gil**, Projects and Innovation Manager, Spanish Fisheries Confederation CEPESCA
- **Bernard Merckx**, CEO, Greenwave Plastics
- **Kristine Gramstad Wedler**, Communication Director, Marine Harvest

13:00 **Lunch break**

> **14:00**

14:00 **COLUMBUS Project video**

> **14:15** (dissemination of FP7 marine R&I)

14:15 **Belmont Forum**

> **14:30** **Lisa Almesjö**, Formas –Swedish Research Council for Sustainable Development

- 14:30** **Thematic sub-session 3: Marine Data and Digitisation**
> **15:30** This sub-session will showcase project portfolios on marine data and digitisation technologies applied to the marine and maritime sector and also affecting aquaculture and fisheries, followed by a discussion on their uptake by a panel of users.

Projects showcased:

- **BlueBRIDGE** (Building Research environments for fostering Innovation, Decision making, Governance and Education to support Blue Growth), *Donatella Castelli*, Consiglio Nazionale delle Ricerche
- **LakhsMI** (Sensors for LArge scale HydrodynaMic Imaging of ocean floor), *Maarja Kruusmaa*, Tallinna tehnikaulikool
- **EfficienSea 2** (Efficient, Safe and Sustainable Traffic at Sea), *Christopher Saarnak*, Danish Maritime Authority
- **CEASELESS** (Copernicus Evolution and Applications with Sentinel Enhancements and Land Effluents for Shores and Seas), *Agustin Sanchez Arcilla*, Universitat Politècnica de Catalunya

Panel of users:

- **Mario Dogliani**, Technical Director, European Shipyards' and Maritime Equipment Association (SEA Europe)
- **Stefan Fritz**, Executive Board of AtlantOS and Konsortium Deutsche Meeresforschung.
- **Tania Hoel**, Managing Director, The Seafood Innovation Cluster, Norway.
- **Tiziana Ferrari**, Technical Director, EGI Foundation and EGI-Engage.

- 15:30** **Key messages of all sessions**
> **15:45**

- 15:45** **Coffee break**
> **16:00**

- 16:00** **Flash report of the parallel sessions:**
> **16:30** Highlights on the main innovations presented and their promising character for the future. Discussion with audience and take-home messages. European Commission.

The reporting and closing sessions are common with the event on digitisation



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