

**BANDI HORIZON 2020 - AREA BIOECONOMIA**

**SOCIETAL CHALLENGE 2**

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

CE-SFS-25-2018: Integrated system innovation in valorising urban biowaste

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sfs-25-2018.html>

SFS-32-2018: Supporting microbiome coordination and the International Bioeconomy Forum

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sfs-32-2018.html>

CE-SFS-36-2020 - Diversifying farmers' income through small bio-based concepts

Non ancora pubblicato

CE-SFS-39-2019: High-quality organic fertilisers from biogas digestate

Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sfs-39-2019.html>

BG-02-2018: Blue Bioeconomy Public-Public Partnership

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/bg-02-2018.html>

CE-BG-06-2019: Sustainable solutions for bio-based plastics on land and sea

Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-bg-06-2019.html>

RUR-09-2018: Realising the potential of regional and local bio-based economies<sup>1</sup>

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/rur-09-2018.html>

CE-RUR-10-2019: Circular bio-based business models for rural communities

2019: Sustainable solutions for bio-based plastics on land and sea

Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-rur-10-2019.html>

RUR-15-2018-2019-2020: Thematic networks compiling knowledge ready for practice

2017-2018: Deadline: 13 febbraio 2018

2018-2019: Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/rur-15-2018-2019-2020.html>

#### Other Actions

1. Circular Bioeconomy Thematic Investment Platform (risk-sharing financial instrument)

Timetable indicativo: Seconda metà del 2018

2. Support to Research and Innovation Policy in the area of bio-based products and services

Timetable indicativo: terzo trimestre del 2018 e primo trimestre del 2020

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<sup>1</sup> Regione Toscana è coinvolta in un consorzio guidato da European Forest Institute

**SOCIETAL CHALLENGE 3**  
**Secure, clean and efficient energy**

LC-SC3-RES-1-2019-2020: Developing the next generation of renewable energy technologies

Deadlines:

16 ottobre 2018 (First Stage)

25 April 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-1-2019-2020.html>

LC-SC3-RES-12-2018: Demonstrate highly performant renewable technologies for combined heat and power (CHP) generation and their integration in the EU's energy system

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-12-2018.html>

LC-SC3-RES-21-2018: Development of next generation biofuels and alternative renewable fuel technologies for road transport

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-21-2018.html>

LC-SC3-RES-22-2018: Demonstration of cost effective advanced biofuel pathways in retrofitted existing industrial installations

Deadline: 05 aprile 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-22-2018.html>

LC-SC3-RES-23-2019: Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping

Deadline: 27 agosto 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-23-2019.html>

LC-SC3-RES-24-2019: Boosting pre-commercial production of advanced aviation biofuels

Deadline: 11 dicembre 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-24-2019.html>

LC-SC3-RES-28-2018-2019-2020: Market Uptake support

2017-2018: Deadline: 13 febbraio 2018

2018-2019: Deadline 11 dicembre 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-28-2018-2019-2020.html>

### Public Procurements

21. Assessment of advanced biofuels, including deployment potential of new/ appearing feedstocks, feedstock availability, resource competition, and sustainability issues in the context of the Renewable Energy Directive Article 3(4)

Timetable indicativo: primo trimestre 2019

25. Technical assistance for the implementation of the EU bioenergy sustainability criteria

Timetable indicativo: 1 contratto nel primo trimestre 2018, 2 contratti nel primo trimestre del 2019 e nel 2020

26. Supply side flexibility of combined renewable energy systems (non-variable and variable). Assessment of development, barriers and regulatory aspects of combined RES supply systems of gaseous renewable fuels and variable RES

Timetable indicativo: primo trimestre 2019

27. Technical support for RES policy development and implementation

Timetable indicativo: 1 contratto nel secondo trimestre del 2018, 1 contratto nel secondo trimestre del 2019, and 1 contratto nel secondo trimestre del 2020

29. Analysis of actual land availability in the EU; trends in changes (abandoned land, low fertility land, saline land etc.) and options for energy crop utilisation

Timetable indicativo: primo trimestre del 2018

39. Support to the realisation of Implementation Plans of the SET Plan

Timetable indicativo: secondo trimestre del 2018

Other Actions for 2020

1. Monitoring and assessment of the performance indicators of renewable energy, investment and RES market trends in Europe

10. Concerted Action supporting the transposition and implementation of the recast Renewables Directive

**SOCIETAL CHALLENGE 5**

**Climate action, environment, resource efficiency and raw materials**

LC-CLA-01-2018: Supporting the development of climate policies to deliver on the Paris Agreement, through Integrated Assessment Models (IAMs)

Deadlines:

27 febbraio 2018 (First Stage)

04 settembre 2018 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-cla-01-2018.html>

LC-CLA-02-2019: Negative emissions and land-use based mitigation assessment

Deadlines:

19 febbraio 2019 (First Stage)

04 settembre 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-cla-02-2019.html>

LC-CLA-06-2019: Inter-relations between climate change, biodiversity and ecosystem services

Deadlines:

19 febbraio 2019 (First Stage)

04 settembre 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-cla-06-2019.html>

CE-SC5-03-2018: Demonstrating systemic urban development for circular and regenerative cities

Deadlines:

27 febbraio 2018 (First Stage)

04 settembre 2018 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sc5-03-2018.html>

CE-SC5-04-2019: Building a water-smart economy and society

Deadlines:

19 febbraio 2019 (First Stage)

04 settembre 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sc5-04-2019.html>

CE-SC5-05-2018: Coordinated approaches to funding and promotion of research and innovation for the circular economy

Deadline: 27 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sc5-05-2018.html>

CE-SC5-07-2018-2019-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes

Deadlines 2017-2018:

27 febbraio 2018 (First Stage)

04 settembre 2018 (Second Stage)

Deadlines 2018-2019:

19 febbraio 2019 (First Stage)

04 settembre 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sc5-07-2018-2019-2020.html>

CE-SC5-08-2018-2019-2020: Raw materials policy support actions for the circular economy

2017-2018: Deadline: 27 febbraio 2018

2018-2019: Deadline 19 febbraio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ce-sc5-08-2018-2019-2020.html>

SC5-18-2018: Valuing nature: mainstreaming natural capital in policies and in business decision-making

Deadline: 27 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc5-18-2018.html>

SC5-21-2019-2020: ERA-NET Cofund action(s) for climate action, environment, resource efficiency and raw materials

Deadline: 19 febbraio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc5-21-2019-2020.html>





**BANDI HORIZON 2020 – AREA DIGITALIZZAZIONE**

**SOCIETAL CHALLENGE 2**

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

DT-SFS-14-2018: Personalized Nutrition

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/dt-sfs-14-2018.html>

DT-SFS-26-2019: Food Cloud demonstrators

Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/dt-sfs-26-2019.html>

SFS-31-2019: ERANETs in agri-food

Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sfs-31-2019.html>

RUR-02-2018: Socio-economic impacts of digitisation of agriculture and rural areas

Deadlines:

13 febbraio 2018 (First Stage)

11 settembre 2018 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/rur-02-2018.html>

DT-RUR-12-2018: ICT Innovation for agriculture – Digital Innovation Hubs for Agriculture

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/dt-rur-12-2018.html>

RUR-13-2018: Enabling the farm advisor community to prepare farmers for the digital age

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/rur-13-2018.html>

RUR-14-2018: Digital solutions and e-tools to modernise the CAP

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/rur-14-2018.html>

RUR-15-2018-2019-2020: Thematic networks compiling knowledge ready for practice

2017-2018: Deadline: 13 febbraio 2018

2018-2019: Deadline: 23 gennaio 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/rur-15-2018-2019-2020.html>

**SOCIETAL CHALLENGE 5**

**Climate action, environment, resource efficiency and raw materials**

SC5-11-2018: Digital solutions for water: linking the physical and digital world for water solutions

Deadlines:

27 febbraio 2018 (First Stage)

04 settembre 2018 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc5-11-2018.html>

SC5-16-2019: Development of commercial activities and services through the use of GEOSS and Copernicus data

Deadline single-stage: 19 febbraio 2019

Deadlines two-stage:

19 febbraio 2019

04 settembre 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc5-16-2019.html>



**BANDI HORIZON 2020 - ALTRE CALL**

**SOCIETAL CHALLENGE 3**

**Secure, clean and efficient energy**

LC-SC3-EE-16-2018-2019-2020: Supporting public authorities to implement the Energy Union

2017-2018: Deadline 04 settembre 2018

2018-2019: Deadline 03 settembre 2019

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-ee-16-2018-2019-2020.html>

**BANDI HORIZON 2020 - AREA GEOTERMIA**

**SOCIETAL CHALLENGE 3**

**Secure, clean and efficient energy**

LC-SC3-RES-1-2019-2020: Developing the next generation of renewable energy technologies

Deadlines:

16 ottobre 2018 (First Stage)

25 April 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-1-2019-2020.html>

LC-SC3-RES-11-2018: Developing solutions to reduce the cost and increase performance of renewable technologies

Deadlines:

31 gennaio 2018 (First Stage)

23 agosto 2018 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-11-2018.html>

LC-SC3-RES-12-2018: Demonstrate highly performant renewable technologies for combined heat and power (CHP) generation and their integration in the EU's energy system

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-12-2018.html>

LC-SC3-RES-13-2018: Demonstrate solutions that significantly reduce the cost of renewable power generation

Deadline: 13 febbraio 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-13-2018.html>

LC-SC3-RES-14-2019: Optimising manufacturing and system operation

Deadlines:

16 ottobre 2018 (First Stage)

25 aprile 2019 (Second Stage)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-14-2019.html>

LC-SC3-RES-28-2018-2019-2020: Market Uptake support

2017-2018: Deadline: 13 febbraio 2018

2018-2019: Deadline 11 dicembre 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-res-28-2018-2019-2020.html>

LC-SC3-JA-2-2018: Support to the realisation of the Implementation Plans of the SET Plan

Deadline: 11 settembre 2018

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-ja-2-2018.html>

#### Public Procurement:

14. Support to Research and Innovation Policy in the areas of Renewable Energy, Carbon Capture and Storage and More Efficient Coal Combustion

Timetable indicativo: a partire dal primo trimestre 2018 e dal 1 trimestre 2019

39. Support to the realisation of Implementation Plans of the SET Plan

Timetable indicativo: secondo trimestre del 2018



## **HORIZON 2020 - WORK PROGRAMME**

### **LINK**

- Societal Challenge 2 - Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy  
[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-food\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-food_en.pdf)
- Societal Challenge 3 - Secure, clean and efficient energy  
[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-energy\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-energy_en.pdf)
- Societal Challenge 5 - Climate action, environment, resource efficiency and raw materials  
[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-climate\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-climate_en.pdf)

<b>INFODAYS SC2 E RELATIVE PRESENTAZIONI</b>
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Tra il 14 e il 17 novembre 2017 si è svolta a Bruxelles la settimana informativa su Horizon 2020 relativa alla Societal Challenge 2 (SC2): “Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy”. L’evento si è tenuto alla Commissione Europea (Charlemagne building) ed è stato organizzato congiuntamente dall’Agenzia esecutiva per la ricerca (REA), la Direzione Generale per la Ricerca e l’Innovazione della Commissione europea (DG RTD) e la Direzione Generale per l’Agricoltura e lo sviluppo rurale (DG AGRI)

### **14 Novembre 2017 - Info day**

La sessione plenaria ha evidenziato le novità del Work Programme 2018-2020 e le priorità tematiche per le tre call della Sfida sociale 2:

- Insights into the new Societal Challenge 2 Work Programme: research priorities and novelties  
[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/insights\\_wp\\_B843E792-C1DC-01A2-D5B6C26E606DABC8\\_48371.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/insights_wp_B843E792-C1DC-01A2-D5B6C26E606DABC8_48371.pdf)
- Sustainable Food Security and Rural Renaissance calls  
[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/sfs\\_rur\\_2018-2020\\_B848F893-D035-FC37-E21955E297E21290\\_48373.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/sfs_rur_2018-2020_B848F893-D035-FC37-E21955E297E21290_48373.pdf)
- Blue Growth calls  
[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/bg\\_2018-2020\\_B846F782-B6BD-8477-F4A2C5B20B196678\\_48372.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/bg_2018-2020_B846F782-B6BD-8477-F4A2C5B20B196678_48372.pdf)

Dopo l'introduzione sulle nuove call, la plenaria si è concentrata sull'esperienza acquisita nelle precedenti call e sulle specificità della Sfida sociale 2, compresi gli aspetti chiave della preparazione e della valutazione di una proposta di successo

[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/rea\\_info\\_day\\_slides\\_BADCBCE0-983E-EB82-C4582D8277A8BE73\\_48388.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/rea_info_day_slides_BADCBCE0-983E-EB82-C4582D8277A8BE73_48388.pdf)

Nel pomeriggio sono state organizzate sessioni parallele dedicate alle tre call in cui si sono svolte le presentazioni dei topic del Work Programme 2018

- Sustainable Food Security session

[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/sfs\\_2018\\_B84CBD0A-005C-031E-1E5361EBA9D7F869\\_48375.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/sfs_2018_B84CBD0A-005C-031E-1E5361EBA9D7F869_48375.pdf)

- Blue Growth topics session

[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/bg\\_2018\\_B84D21A8-AB4C-A641-AC0CB2CC6162C9FF\\_48376.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/bg_2018_B84D21A8-AB4C-A641-AC0CB2CC6162C9FF_48376.pdf)

- Rural Renaissance

[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-46/rur\\_2018\\_B84F1A67-0C1A-A331-CF84343EC7386739\\_48377.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-46/rur_2018_B84F1A67-0C1A-A331-CF84343EC7386739_48377.pdf)

### **16 Novembre 2017 - Bioeconomy policy day**

Nel corso della giornata dedicata alla bioeconomia la Commissione europea ha presentato la sua revisione della strategia europea e del piano d'azione sulla bioeconomia, discutendo le sue conclusioni con gli stakeholder e i policy maker. Inoltre, *l'European Bioeconomy Stakeholders Panel* (di cui fa parte anche la Regione Toscana) ha presentato il [Manifesto sulla bioeconomia](#) al Commissario europeo per la ricerca e l'innovazione Carlos Moedas, definendo un'agenda sociale per lo sviluppo della bioeconomia. La plenaria è stata seguita da sessioni parallele presiedute dalle 9 direzioni generali competenti, cofirmatari della Strategia sulla bioeconomia.

Parallelamente, nel "villaggio della bioeconomia" 20 espositori hanno presentato agli ospiti progetti e azioni concrete per stimolare la bioeconomia in Europa.

### **17 Novembre 2017 - Digitising agriculture and food value chains**

Nel corso della giornata sono state presentate le iniziative politiche esistenti nel campo della digitalizzazione delle industrie europee e della creazione di un'*European data economy*. L'evento ha dimostrato come queste iniziative possano offrire opportunità per l'agricoltura, le catene del valore alimentare – marittimo e terrestre - e la società in generale. Inoltre, ha collegato le politiche digitali alle opportunità di investimento del Work Programme 2018-2020 di Horizon 2020.

Obiettivi dell'evento:

- sensibilizzare sulle iniziative relative alla *Digital single market strategy*, rilevanti per l'agricoltura e le catene di valore alimentare;
- collegare queste iniziative con le ambiziose attività di ricerca e innovazione che contribuiranno al raggiungimento degli obiettivi politici più ampi dell'UE;

- sensibilizzare sull'intero arco delle tecnologie digitali innovative che si applicano all'agricoltura, alle catene del valore alimentare e alla nutrizione, facendo il punto su ciò che è stato sostenuto finora e sulle esigenze future della ricerca;
- fornire opportunità di networking ai membri della comunità scientifica, innovativa, agricola, alimentare e relativa alla tecnologia dell'informazione, contribuendo quindi a favorire proposte di alta qualità nell'ambito delle prossime call di Horizon 2020.

Nel corso della sessione plenaria *Digital revolution, agriculture, food and R&I: what's going on?* sono stati messi in risalto la politica del mercato unico digitale e le principali tendenze nei settori agricolo e alimentare

- Discorso d'apertura di Phil Hogan, Commissario europeo per l'agricoltura e lo sviluppo rurale: "Digital technologies' potential for addressing future challenges in food"  
[https://ec.europa.eu/commission/commissioners/2014-2019/hogan/announcements/speech-horizon-2020-sc2-infoweek-digitising-agriculture-and-food-value-chains\\_en](https://ec.europa.eu/commission/commissioners/2014-2019/hogan/announcements/speech-horizon-2020-sc2-infoweek-digitising-agriculture-and-food-value-chains_en)
- Presentazione di Toomas Kevvai, Ministro degli affari rurali dell'Estonia  
[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-47/kevvai\\_keynote\\_digiagri10\\_11\\_887D8484-A6A8-6BA1-6A8E1B59ED7EA16F\\_48452.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-47/kevvai_keynote_digiagri10_11_887D8484-A6A8-6BA1-6A8E1B59ED7EA16F_48452.pdf)
- The digital single market: the overall policy framework
- Digitising agriculture: what are the trends in precision farming and overview of R&I activities [ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48442](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48442)
- EIT-Food: towards a more people-centric and resource smart food system - Klaus Beetz, Siemens [ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48443](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48443)

Successivamente si sono svolte due sessioni parallele che presentano iniziative nel campo degli hub e delle piattaforme per l'innovazione digitale e della gestione dei dati:

- *Digital innovation hubs and platforms: what potential for farming, value chains and society?*

Presentazioni e relativi link per il download:

- Digital innovation hubs: outcomes of the EIP Seminar in Kilkenny and opportunities under Horizon 2020 WP 2018-2020  
[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48445](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48445)
- The alliance on internet of things (AIOTI): the potential of digital platforms in agriculture

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48444](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48444)

- IOF2020: a large-scale pilot on Internet of things for food and farming

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48446](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48446)

- Flanders Food: realising the potential of digitisation for food production, distribution and nutrition

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48447](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48447)

- *Improving data management from farm to fork*

Presentazioni e relativi link per il download:

- Data sharing: outcomes of the EIP workshop in Bratislava and policy follow-up

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48454](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48454)

- European Open Science Cloud: sharing and reusing research data in agriculture, food and nutrition

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48455](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48455)

- Agriculture in Big data Europe

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48456](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48456)

- Big Expectations from Big Data: Reflections from interacting with stakeholders

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48457](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48457)

In seguito un panel di stakeholder ha riflettuto sulle opportunità del futuro per la digitalizzazione del settore agroalimentare e sui principali ostacoli da superare durante l'implementazione sul territorio.

In conclusione si sono svolte tre sessioni parallele che hanno illustrato esempi significativi nei settori agricolo, alimentare e marittimo.

- *Digital solutions to meet future agriculture*

Presentazioni e relativi link per il download:

- RECAP - “Personalised public services in support of the implementation of the CAP”

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48449](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48449)

- DataBIO - “Data-Driven Bioeconomy”

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48450](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48450)

- EU-PLF - “Bright Farm by Precision Livestock Farming”

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48448](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48448)

- SWEEPER - “Sweet Pepper Harvesting Robot”

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48451](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48451)

- *Digitising food research, processing and consumption*

Presentazioni e relativi link per il download:

- E-ROSA – “Towards an e-infrastructure roadmap for open science in agriculture”  
[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-47/1\\_hologne\\_erosa\\_88C27536-AA91-72A3-8D4B53B7B390B43C\\_48458.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-47/1_hologne_erosa_88C27536-AA91-72A3-8D4B53B7B390B43C_48458.pdf)
- RICHFIELDS – “Research Infrastructure on Consumer Health and Food Intake using E-science with Linked Data Sharing”  
[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48459](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48459)
- Picknpack – “Flexible robotic systems for automated adaptive packaging of fresh and processed food products”
- PeptiEUForce – “Using artificial intelligence and DNA analysis to find new disease-beating molecules in natural foodstuffs”

- *Marine data and digitisation ( sessione in comune con Blue Growth)*

- BlueBRIDGE - Building Research environments for fostering Innovation, Decision making, Governance and Education to support Blue Growth
- LakhsMI - Sensors for Large scale HydrodynaMic Imaging of ocean floor
- EfficienSea2 - Efficient, Safe and Sustainable Traffic at Sea
- CEASELESS - Copernicus Evolution and Applications with Sentinel Enhancements and Land Effluents for Shores and Seas

I risultati delle discussioni sono riassunti in una coppia di diapositive durante la sessione di rapporto.

[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-47/reporting\\_slide\\_final\\_8975F5A4-D2B0-2231-584F3C92A42241FA\\_48460.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-47/reporting_slide_final_8975F5A4-D2B0-2231-584F3C92A42241FA_48460.pdf)

## 17 Novembre 2017 - Blue Growth Research & Innovation

L'evento ha rappresentato una buona opportunità per delineare una panoramica della vasta ricerca e innovazione marina, marittima, interdisciplinare e intersettoriale di Horizon 2020 e della sua rilevanza per le politiche dell'Unione, la bioeconomia e l'economia blu.

Obiettivi dell'evento:

- Affrontare l'ampia galassia dell'approccio intersettoriale e interdisciplinare alla ricerca e all'innovazione marina, marittima e acquatica in Horizon 2020, nonché la sua rilevanza per le politiche dell'UE, la bioeconomia e l'economia blu.
- Mostrare esempi di progetti di ricerca e innovazione (R&I) di forte impatto sull'UE relativi alla crescita blu.
- Evidenziare le sinergie con altri programmi e iniziative legate alla crescita blu.

La sessione introduttiva della giornata ha offerto una panoramica dei programmi europei che contribuiscono alla crescita blu attraverso la ricerca e l'innovazione (Horizon 2020 e l'European Maritime and Fisheries Funds - EMFF), evidenziando i loro portfolio, i risultati e gli impatti, nonché le sinergie e le opportunità future.

Successivamente si sono tenute tre sessioni parallele, che hanno affrontato le seguenti tematiche:

- *The value of sustainable marine bioresources*
- *Marine stressors and food security*
- *Marine data and digitisation*

Per maggiori informazioni si consulti il documento riepilogativo della giornata al seguente link:

[http://ec.europa.eu/information\\_society/newsroom/image/document/2017-45/bg\\_event\\_info\\_week\\_2017\\_brochure\\_E93EF5E2-919B-6D98-B5AE59A8D5746D39\\_48200.pdf](http://ec.europa.eu/information_society/newsroom/image/document/2017-45/bg_event_info_week_2017_brochure_E93EF5E2-919B-6D98-B5AE59A8D5746D39_48200.pdf)

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Le presentazioni senza link non sono ancora state rilasciate dagli organizzatori. Appena saranno pubblicate si potranno consultare nella pagina ufficiale dell'evento:

<http://ec.europa.eu/programmes/horizon2020/en/news/digitising-agriculture-and-food-value-chains>

Il programma dell'evento può essere scaricato al seguente link:

[ec.europa.eu/newsroom/horizon2020/document.cfm?doc\\_id=48235](http://ec.europa.eu/newsroom/horizon2020/document.cfm?doc_id=48235)