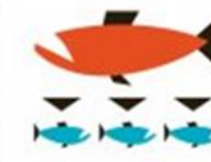
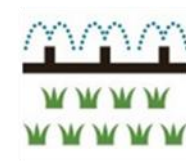


Oportunidades no Desafio Societal da Bioeconomia (DS2) em 2017



Maria João Fernandes | José Antão

**Desafio Societal Bioeconomia, H2020
Pontos de Contacto Nacional**

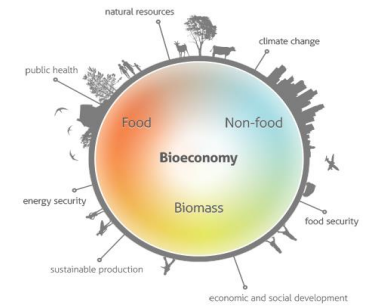


Gabinete de Promoção do Programa Quadro ID&I



Objetivos do DS2

“Segurança alimentar, agricultura e silvicultura sustentáveis, investigação marinha, marítima e de águas interiores e a bioeconomia”



H2020 – Bioeconomy

Orçamento global (2014-2020): 3851 M€
(5% orçamento H2020)

- ✓ Garantir o abastecimento adequado de alimentos seguros e de qualidade e outros produtos de base biológica
- ✓ Desenvolver sistemas de produção primária produtivos e eficientes na utilização de recursos
- ✓ Potenciar cadeias de abastecimento competitivas e hipocarbónicas

Explorar de modo sustentável e eficiente os recursos biológicos
acelerando a transição para uma bioeconomia europeia sustentável



Entidades nacionais a participar no DS2. Bioeconomia (incl. SME Instr.)

71 participações | 9 coordenações | 14,8 M€

Ensino Superior

COFAC - Cooperativa de Formação e Animação Cultural - CRL

FACULDADE DE MEDICINA VETERINARIA

Instituto Politécnico de Bragança

Instituto Politécnico de Coimbra (3)

Instituto Politécnico de Viana do Castelo

Instituto Superior de Agronomia (3)

Instituto de Geografia e Ordenamento do Território da Universidade de Lisboa

Instituto de Tecnologia Química e Biológica da Universidade Nova de Lisboa

Universidade de Aveiro

Universidade de Coimbra

Universidade de Trás-Os-Montes e Alto Douro

Universidade de Évora (6)

Coordenação Nacional

Universidade do Algarve

Universidade do Minho

Universidade do Porto

Outros

ADVID - Associação para o Desenvolvimento da Viticultura Duriense

AFVS - ASSOCIACAO FLORESTAL DO VALE DO SOUSA

Ciência Viva - Agência Nacional Para a Cultura Científica e Tecnológica (2)

Câmara Municipal de Almada

DIRECAO-GERAL DE POLITICA DO MAR

Fundação Eurocean (2)

Fundação para a Ciência e a Tecnologia (5)

SECRETARIA REGIONAL DO MAR, CIENCIA E TECNOLOGIA

PME

ACESSOMATIC - Comércio Componentes Pneumáticos Hidráulicos, e Eléctricos Lda. [SME Instr]

Boereboom Invitro Portugal, Unipessoal, Lda. [SME Instr]

Doiseco Unipessoal, Lda.

EnergyPulse Systems, Lda. (2) [1 SME Instr]

UBQ II, Lda. (2) [2 SME Instr]

ALGPLUS - Produção e Comercialização de Algas e seus Derivados, Lda.

Aveleda, S.A. [SME Instr]

BioMimetx Lda [SME Instr]

CoolFarm, Lda. [SME Instr]

MAGNOMICS SA [SME Instr]

OCEANSCAN - Marine Systems & Technology, Lda.

ORIZONVISION LDA [SME Instr]

Sagremarisco - Viveiros de Marisco, Lda. (2)

setenta e três mil e cem, lda

Centros de investigação

Associação do Instituto Superior Técnico para a Investigação e

CENTRO PARA A VALORIZACAO DE RESIDUOS ASSOCIACAO

CIIMAR - Centro Interdisciplinar de Investigação Marinha e Ambiental (4)

Centro de Ciências do Mar do Algarve

Fundação Gaspar Frutuoso

IMAR- Instituto do Mar (4)

Instituto Nacional de Investigação Agrária e Veterinária

Instituto Português do Mar e da Atmosfera, I.P.

Instituto de Ciência e Inovação em Engenharia Mecânica e Engenharia

Instituto de Investigação Científica Tropical



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HORIZONTE

2020

Programa de Trabalho 2017 do Desafio Societal Bioeconomia

4 concursos | 51 tópicos | 416 M€

Programa de Trabalho ainda não adotado oficialmente

Sustainable
food security

Blue
Growth

Rural
Renaissance

Bio-based
innovation for
sustainable
goods and
services



©Kzenon,45515311,fotolia.com



©nevio3,86647369,fotolia.com



©BillionPhotos,84877547,fotolia.com

[Lista de tópicos a concurso](#)

Deadlines:

14 Feb 2017 | 13 Set 2017



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2020
4

Summer update WP 2017

EN

Annex 12

Horizon 2020

Work Programme 2016 - 2017

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

Important notice on the second Horizon 2020 Work Programme

This Work Programme covers: 2016 and 2017. The parts of the Work Programme that relate to 2017 (topics, dates, budget) have, with this revised version, been updated. The changes relating to this revised part are explained on the Participant Portal.

(European Commission Decision C(2016)XXX of XXX 2016)

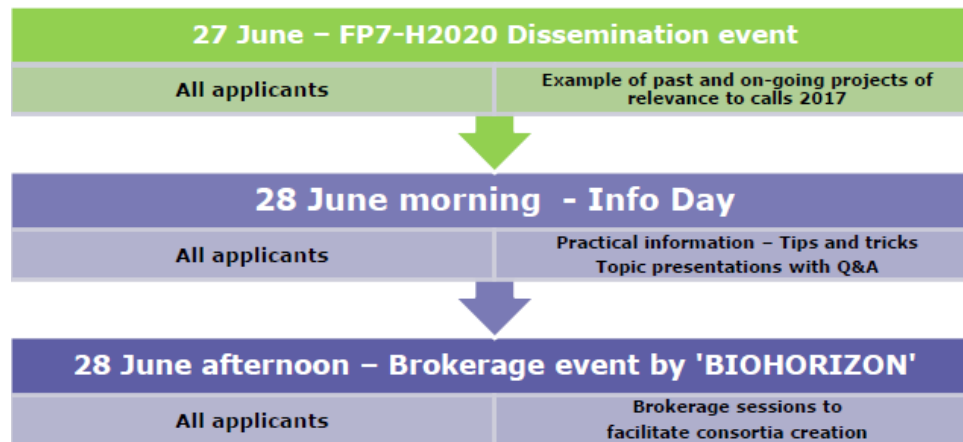
Data prevista de publicação: 26 Julho 2016

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SC2 Info Day & Brokerage Event – calls 2017 → Bruxelas, Junho 2016

Apresentações e webstream disponíveis online!!



Horizon 2020 Societal Challenge 2 Info Week- 27- 29 June 2016

The Societal Challenge 2 Info Week for the 2017 calls took place on 27- 29 June 2016 in Brussels.

This information week, jointly organised by the Research Executive Agency (REA), DG RTD, DG AGRI and the

BIOHORIZON consortium, gave an overview of available funding opportunities under the 2017 calls and updates on research results projects funded under Societal Challenge 2. This year, the Info Week was organised earlier than previous ones to anti the calls' deadline for the benefit of potential applicants.



Dissemination Event & Info Day

Brokerage Event

Brokerage Event
Food Security | Sustainable Agriculture & Forestry |
Marine, Maritime & Inland Water Research |
Bioeconomy | KET-Biotechnology
Brussels 28th June 2016

BioHorizon

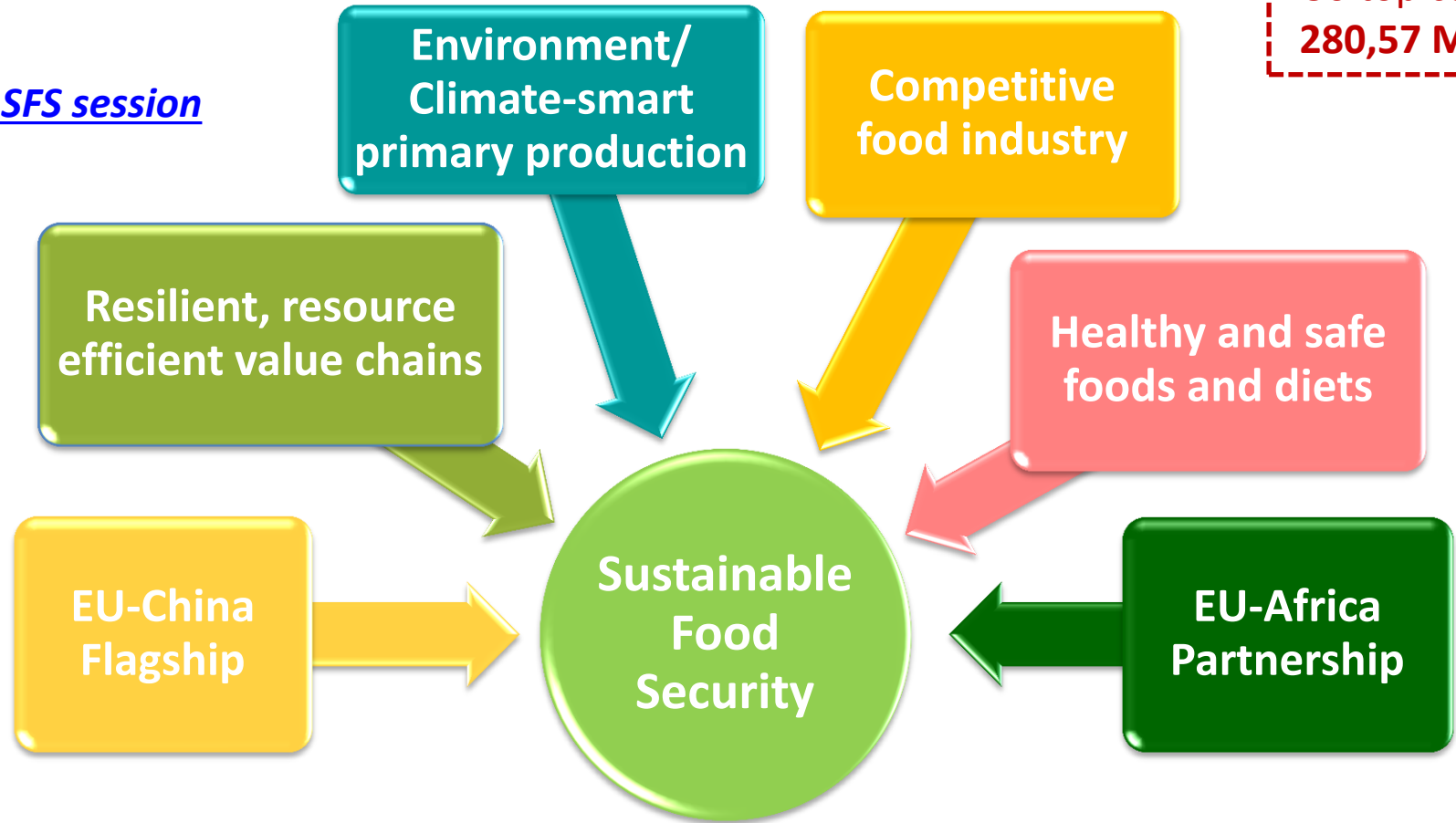
The banner features a central network of icons representing various research areas: a globe, a leaf, a gear, a DNA helix, a microscope, and a plant. The BioHorizon logo is prominently displayed at the bottom left.

Call 'Sustainable Food Security' (WP 2016/17) → 6 áreas

Garantir a segurança alimentar, promovendo uma produção primária e uma indústria resilientes e eficientes, bem como o consumo sustentável e saudável

30 tópicos
280,57 M€

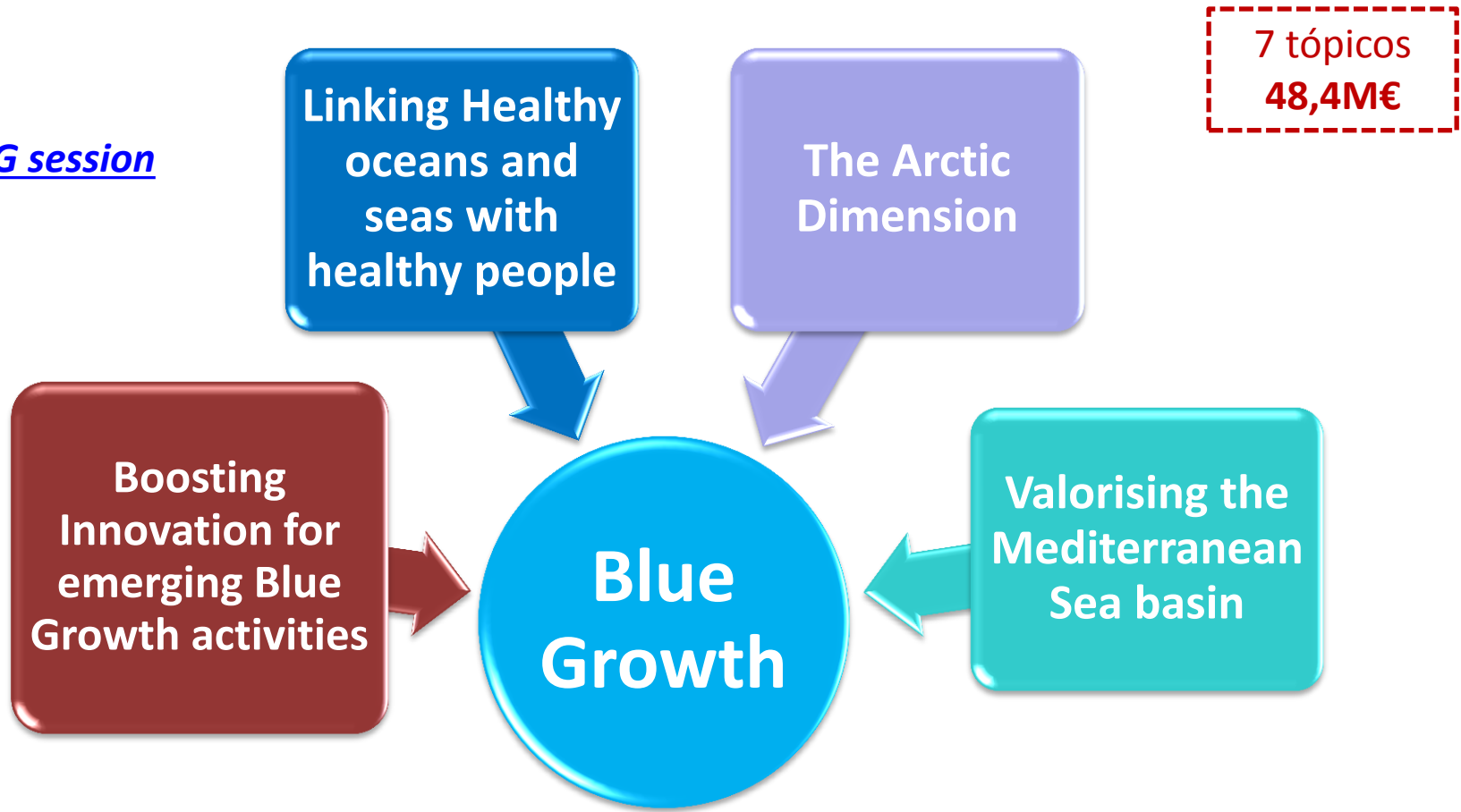
Topics SFS session



Call 'Blue Growth' (WP 2016/17) → 4 Áreas

Demonstrar o potencial de inovação dos oceanos, trazendo novas tecnologias para o mercado

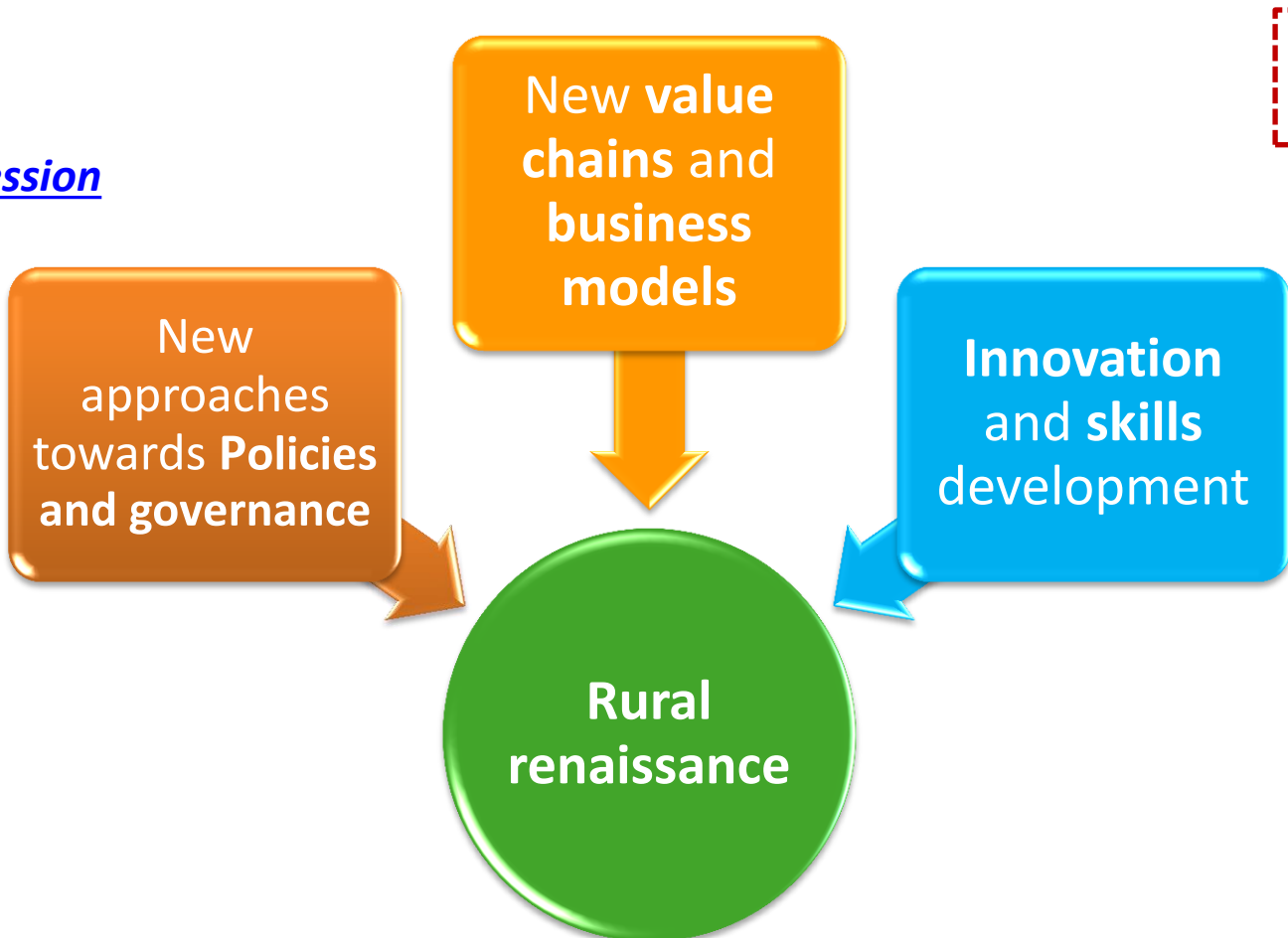
Topics BG session



Call 'Rural Renaissance' (WP 2016/17) → 3 Áreas

Promover a inovação e oportunidades de negócio nas áreas rurais e costeiras, através de novas perspectivas territoriais e modelos de negócio

Topics RR session



9 tópicos
61 M€

Call 'Bio-based innovation for sustainable goods and services' (WP 2016/17)

→ 2 Áreas

Re-industrializar a Europa, através de novas cadeias de valor de base biológica, assegurando biomassa sustentável

5 tópicos
26,47 M€

Securing
sustainable
biomass supply

Building the
bio-based
markets of
the future

Bio-based
innovation for
sustainable
goods and
services

Topics BB session

- **Interdisciplinary projects:** involve the **collaboration of several disciplines** in which concepts, methodologies or epistemologies are **explicitly exchanged and integrated**, resulting in a mutual enrichment (SFS-39; SFS-40; BG-4)
- **Transdisciplinary projects:** those in which researchers from different fields not only work together on a common problem **create a shared conceptual model of the problem that integrates and transcends each of their separate disciplinary perspectives.** (SFS-16; SFS-21; SFS-27; SFS-28; SFS-29; SFS-30; BG-6; BG-11)
- **Multi-actor approach:** aims at more demand-driven innovation through the **genuine and sufficient involvement of various actors** (end-users, such as farmers, fishers, advisors, enterprises, etc) **all along the project** → the adequate choice of key actors, with complementary types of knowledge (scientific/practical) **should be reflected in the consortium and in the description of the project concept and result in a broad implementation of project results** (SFS-4; SFS-7; SFS-8; SFS-10; SFS-16; SFS-17; SFS-20; SFS-27; SFS-28; SFS-30; SFS-34; SFS-39; SFS-48; RUR-2; RUR-5; RUR-9; RUR-10; RUR-12; RUR-13; RUR-15; RUR-16)

Parceria Europeia de Inovação para a Agricultura (*EIP-AGRI*)

EIP-AGRI



Visa **fomentar a competitividade e a sustentabilidade da agricultura e da silvicultura**, de modo a que estas atividades consigam mais com menos recursos e se desenrolem em harmonia com o ambiente.

Co-criação e troca de conhecimento em projetos de I&I

- **Projetos multi-ator:** Os utilizadores finais da investigação e os multiplicadores têm de estar estreitamente envolvidos durante todo o projeto
- **Redes temáticas:** Enfoque nas boas práticas e nos resultados de investigação que precisam ainda de ser testados e adaptados às necessidades práticas

Multi-actor approach → Elementos-chave

- ❑ **Descrição** e requisitos na **introdução do Programa de Trabalho do DS2**
- ❑ **Demonstrar** como o projeto responde às **necessidades dos utilizadores finais**
- ❑ **Envolvimento genuíno** dos vários atores **ao longo de todo o projeto**, da fase de planeamento à demonstração (“*inovação interativa*”)
- ❑ **Conhecimento prático facilmente acessível e compreensível** para os **utilizadores finais** (através dos canais de divulgação existentes e contribuição para a EIP-AGRI)
 - Produzir um número substancial de "*practice abstracts*" (formato EIP-AGRI)
 - Forte recomendação de **ligação aos Grupos Operacionais** existentes no tema específico (financiados pelo PDR)

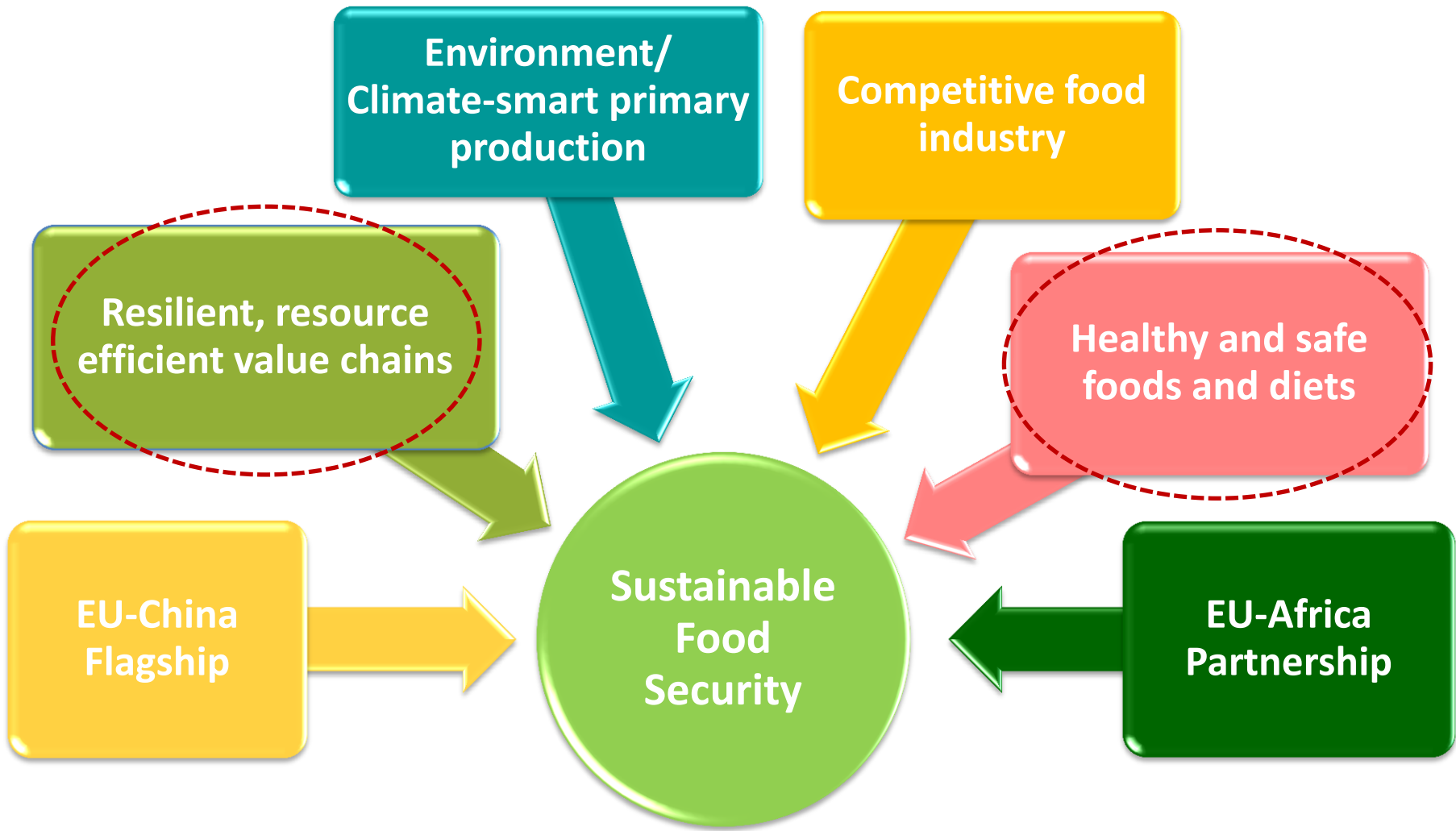
[Workshop “Interactive innovation in motion: multi-actor projects and thematic networks under Horizon 2020”](#)

[BioHorizon webinar “practice abstracts’to facilitate contact and share information in the EU agricultural knowledge and innovation systems \(AKIS\)”](#)



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MORE RESILIENT & RESOURCE EFFICIENT VALUE CHAINS

Tópico	Tipo proj	M€/proj	Orçamento disponível (M€)
SFS-5-2017: Robotics advances for precision farming	RIA (single-stage)	2-4	7

HEALTHY & SAFE FOODS & DIETS FOR ALL

Tópico	Tipo proj	M€/proj	Orçamento disponível (M€)
SFS-39-2017: How to tackle the childhood obesity epidemic	RIA	10	20

SFS-05-2017:
ROBOTICS ADVANCES FOR PRECISION FARMING

Single-stage topic (RIA)

70 páginas

Deadline: 14 Fev 2017

SPECIFIC CHALLENGE: to help **attain high levels of precision in modern farming** through the smart use of robotics.

TECHNOLOGICAL CHALLENGE: to **develop and demonstrate new robotics technologies in real-world scenarios**, fitting user needs.

- **Current systems still have significant drawbacks**, in particular in terms of flexibility, efficiency, robustness, high operator cost and capital investment.
- There is **insufficient cross-over** between emerging generic advances in field robotics and the more specific, practical needs of the modern farming community.

SFS-05-2017: ROBOTICS ADVANCES FOR PRECISION FARMING

SCOPE:

- Focus on the **design, development and testing of robotics systems for precision farming**, including autonomous or semi-autonomous farm vehicles or sophisticated sensors and intervention mechanisms.
- **Prioritise technologies** such as selective harvesting, more targeted weed reduction or environment friendly fertilization, and / or livestock management, based on better planning and targeted intervention, using sensors (local and aerial, even maybe earth observation satellite)
- **Traceability** to optimise the whole agriculture process (from field to fork)

SFS-05-2017: ROBOTICS ADVANCES FOR PRECISION FARMING

IMPACT:

- Significant **increase in farm productivity** with **more environment-friendly processes** (e.g. reduced water use, toxic substance use and soil compaction)
- Increase the **safety, reliability and manageability** of **agricultural technology**
- **Improving working conditions** (reducing excessive human burden for laborious tasks)

SFS-05-2017: ROBOTICS ADVANCES FOR PRECISION FARMING

INFORMAÇÃO ADICIONAL DE APOIO



PPP in robotics

is the teaming up of the robotics industry, research, academia and the European Commission to launch a joint research, development and innovation programme in order to strengthen the position of European robotics as a whole.

- [Topic group on Agricultural Robots](#)
- [Strategic Research Agenda \(SRA\)](#)
- [Robotics 2020 Multi-Annual Roadmap \(MAR\)](#)



EIP-AGRI

[Focus Group “Mainstreaming Precision Farming”](#)

SFS-39-2017:

HOW TO TACKLE THE CHILDWOOD OBESITY EPIDEMIC?

Two-stage topic (RIA)

Deadlines:

14Fev2017 (1ª fase, 10 pp)

13Set2017 (2ª fase, 70 pp)

SPECIFIC CHALLENGE:

- **Childhood obesity is one of the most serious public health challenges of the 21st century** and its prevalence has increased at an alarming rate in the last decades.
- **Obese children are likely to remain obese in adulthood** and more likely to **develop noncommunicable diseases**
- An **integrated EU approach** to help reduce the impact on health of poor nutrition, excess weight and obesity **is a political objective**
- **Overweight and obesity**, as well as their related diseases, are largely **preventable**

SFS-39-2017:

HOW TO TACKLE THE CHILDWOOD OBESITY EPIDEMIC?

SCOPE:

- The main objective is to **reduce effectively childhood obesity** and its comorbidities
- **Focus** primarily on **specific target groups in the young** (e.g., during pregnancy and foetal development, in infants, toddlers, most vulnerable groups in children, adolescents)
- **Combine approaches and expertise from different disciplines** (e.g. (epi)genetics, molecular biology, microbiome, gut-brain signalling, physiology, nutrition, physical activity sciences, **information and communication technology**, social sciences and humanities, education, environment, architectural and urban design, psychology)

SFS-39-2017:

HOW TO TACKLE THE CHILDWOOD OBESITY EPIDEMIC?

SCOPE:

- Innovative and efficient strategies, tools and/or programmes for promoting sustainable and healthy dietary behaviours and lifestyles
- Reflect and build on **existing initiatives and platforms**
- **Interdisciplinary and multi-actor approaches** engaging academics, policy makers, civil society and relevant industry and market actors
- **Gender dimension** in the research content
- **International Cooperation: US, AU, NZ, CA**



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SFS-39-2017:

HOW TO TACKLE THE CHILDWOOD OBESITY EPIDEMIC?

IMPACT:

- Provide an **understanding of which factors are involved and how they influence** the childhood obesity epidemic
- Provide **innovative, efficient, effective, scientific evidence-based and ready-to-use** tools, strategies and/or programmes
- **Transfer** generated knowledge and innovation **to relevant stakeholders**
- **Strengthen interdisciplinary research approaches** and foster participatory and inclusive **multi-actor approaches**

SFS-39-2017:

HOW TO TACKLE THE CHILDHOOD OBESITY EPIDEMIC?

RESEARCH & INNOVATION Cross cutting issues

Participant Portal H2020 Online Manual

> H2020 Online Manual > Cross-cutting issues >

International cooperation | Social Sciences & Humanities | Open access & Data management | Climate action & Sustainable development

Ethics | Gender | SMEs | ERA-NETs

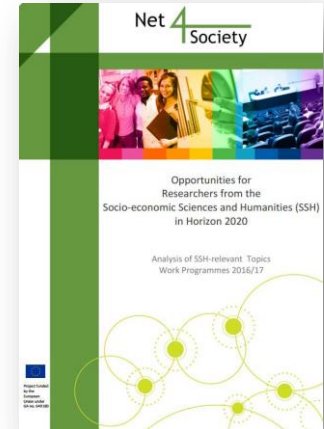
Links to regional policy | Intellectual property | Innovation procurement

Cross-cutting issues

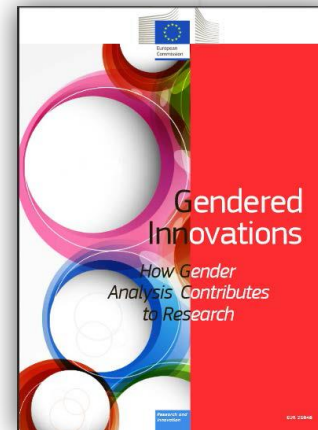
International cooperation

- Horizon 2020 is **Open to the World**. Participants from all over the world can participate in most of the calls of Horizon 2020. Furthermore, in many cases, the EU will fund the participation of the international partners.
- International cooperation** (in EU jargon) refers to cooperation with countries other than EU-member states and associated states

International Cooperation



SSH in H2020



Gendered Innovations



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DE INOVAÇÃO



HORIZONTE

2024

SFS-39-2017:

HOW TO TACKLE THE CHILDWOOD OBESITY EPIDEMIC?

INFORMAÇÃO ADICIONAL DE APOIO

➤ **DG SANTE**

[PUBLIC HEALTH – projects on Nutrition & Physical activity](#)

➤ [EU Action Plan on Childhood Obesity 2014-2020](#)

➤ [WHO European Childhood Obesity Surveillance Initiative \(COSI\)](#)

➤ [EU Platform on Diet, Physical Activity & Health](#)

...



Some Tips

EU projects:

[H2020-COACH](#)

[FP7-GIFTS](#)

[FP7-I.Family](#)

[FP7-ENERGY](#)

...

RUR-10-2017: THEMATIC NETWORKS COMPILING KNOWLEDGE READY FOR PRACTICE

Single-stage topic (CSA)

2 M€/proj (até 5 projs)

70 páginas

Deadline: 14 Fev 2017

SCOPE:

- **Summarising, sharing and presenting**, in a language easily understandable for agricultural/forestry practitioners, **existing best practices and research results that are near to be put in practice**, but not sufficiently known by practitioners
- **Involve a wide range of actors**, covering both science and agricultural/forestry practice on specific themes (**multi-actor approach**)
- **EIP Operational Groups** and interactive innovation groups operating in the context of the EIP-AGRI, enterprises or supply chain actors should be involved
- **Specific themes** of the networks may be **chosen 'bottom-up'** and should contribute to a more competitive and sustainable agriculture and forestry and **focussed on the most urgent needs (avoid duplication)**
- **Synergies/coordination** with [RUR-11-2017](#) & *SCAR-AKIS WG*



Explore outras oportunidades de financiamento nas suas áreas de interesse

DS2
3,8 b€
(2014-2020)

BBI-JU website

WP DS2
(2014/15; 2016/17;....)

SFS BG RUR BE

Programas bianuais:
2016: 340,5 M€
2017: 416,44 M€

JTI BBI
3,705 b€ [975 M€ (UE) + 2,730 b€ (BIC)]

Programas anuais:
2016: 188,65 M€

BIO-BASED INDUSTRIES
Public-Private Partnership



- Liderança em Tecnologias Facilitadoras e Industriais (LEIT) – NMP, ICT, **Biociologia**, Espaço
- Acesso a financiamentos de risco
- Inovação em PME

H2020 - Biotechnology

Pesquisa por keywords....

RESEARCH & INNOVATION
Participant Portal

145 Results

Keyword Search: Find a topic SEARCH

free text search.

Programme: H2020 RFCS COSME 3rd HP Cons Prog

Status: Forthcoming Open Closed

Sort by: (Planned) opening date Deadline Topic title Call identifier

Topic: **EU Prize for Women Innovators:WIP-01-2015**
Call title: [EU Prize for Women Innovators](#)
Call identifier: [H2020-WIPRIZE-2015](#)

Topic: **Horizon Prize – Collaborative Spectrum Sharing:SpectrumPrize-01-2015**
Call title: [Horizon Prize – Collaborative Sharing of Spectrum](#)
Call identifier: [H2020-SpectrumPrize-2015](#) Status: **Forthcoming**
Deadline: 17-12-2015

...ou por texto livre

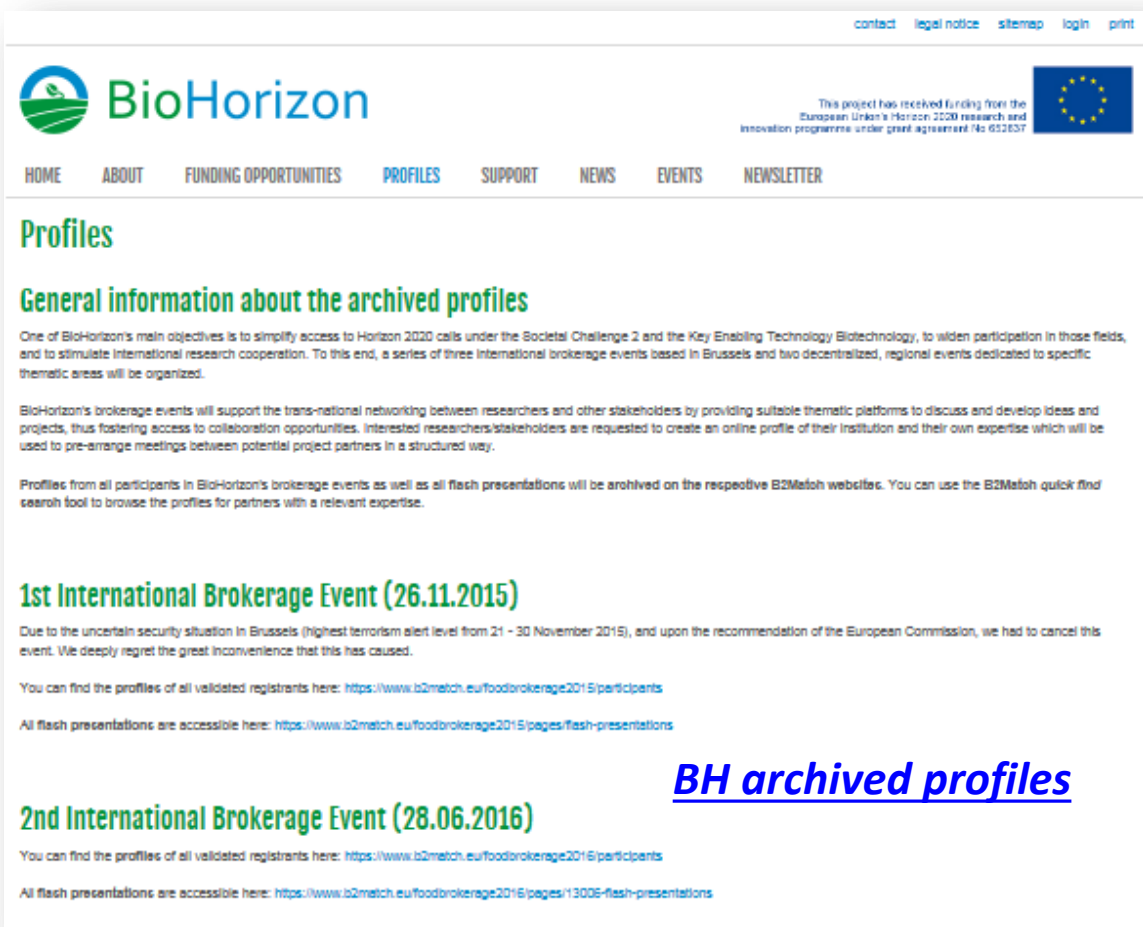
Participant Portal – Search topics



Gabinete de Promoção do Programa Quadro ID&I



Plataformas para procurar parceiros e disseminar perfis de colaboração



The screenshot shows the BioHorizon website. At the top, there is a navigation menu with links for HOME, ABOUT, FUNDING OPPORTUNITIES, PROFILES, SUPPORT, NEWS, EVENTS, and NEWSLETTER. The main content area is titled "Profiles" and "General information about the archived profiles". It explains that BioHorizon's main objective is to simplify access to Horizon 2020 calls under the Societal Challenge 2 and the Key Enabling Technology Biotechnology, to widen participation in those fields, and to stimulate international research cooperation. It mentions that BioHorizon's brokerage events will support the trans-national networking between researchers and other stakeholders by providing suitable thematic platforms to discuss and develop ideas and projects, thus fostering access to collaboration opportunities. It also states that profiles from all participants in BioHorizon's brokerage events as well as all flash presentations will be archived on the respective B2Match websites. Below this, there are two sections for international brokerage events: "1st International Brokerage Event (26.11.2015)" and "2nd International Brokerage Event (28.06.2016)". Each section provides information about the event, including the reason for cancellation in 2015 and links to find profiles and flash presentations.

BH archived profiles



The screenshot shows the LinkedIn EIP-AGRI Service Point. It features the LinkedIn logo and the EIP-AGRI logo. The text reads "EIP-AGRI Service Point" and "Relações governamentais 11-50 funcionários". Below this, there is a "Página inicial" link. The main image shows hands holding a small green plant in soil, with the EIP-AGRI logo and the text "eip-agri AGRICULTURE & INNOVATION" to the right.

[LinkedIn EIP-AGRI](#)



The screenshot shows the CORDIS Partners Service. It features the European Commission logo and the CORDIS logo. The text reads "CORDIS Community Research and Development Information Service". Below this, there is a navigation menu with links for European Commission, CORDIS, Partners Service, Guest, and Home. The main content area is titled "Research Partners" and includes a search bar, a "Search" button, and a "Query more with an advanced search" link. It also lists "Browse these active profiles and collaboration requests to build your network:" with a list of statistics: 11401 Partner profiles, 59 Open Calls for Proposals, 5195 Partnership requests, 1266 Proposing project, 3935 Offering collaboration, and 387 Groups. There is also a "Contact National Contact Point networks to get further support to find partners in your specific theme" link and a "View the help pages and video tutorials" link. On the right side, there is a "Create or update your profile" section with fields for Username and Password, and a "Log in" button.

[CORDIS Partners Service](#)



Gabinete de Promoção do Programa Quadro ID&I



Projetos já financiados na área da Bioeconomia

| A-Z index | Site map | About this site | What's New | Legal notice | Cookies | Contact | Search English (en)



RESEARCH & INNOVATION

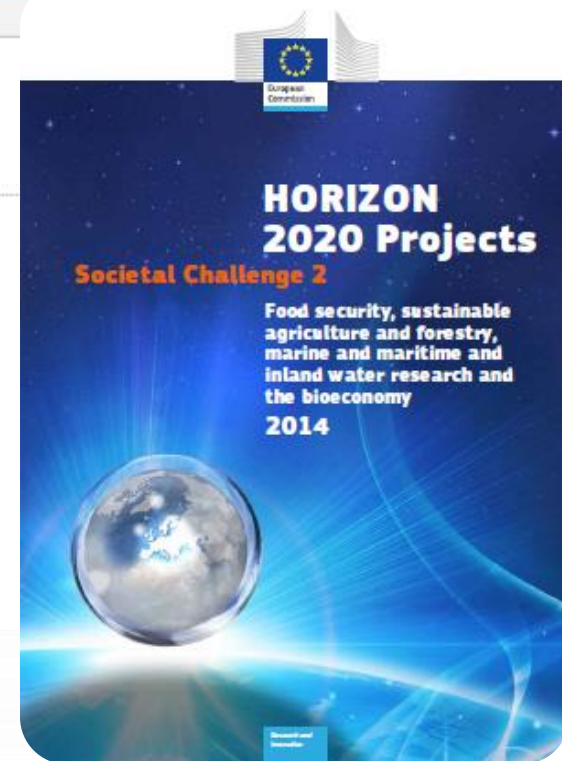
Bioeconomy

[Publications library](#)

European Commission > Research & Innovation > Bioeconomy > e-Library

Home Policy Participate Publications Videos Events About us

Publications library



Para posicionar a sua proposta e identificar quem já concorre!!



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MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



AGÊNCIA NACIONAL
DE INOVAÇÃO



HORIZONTE
2020

ICT-AGRI ERA-NET: Information and Communication Technologies and Robotics for Sustainable Agriculture (2014-2017)



ICT-AGRI-2

Information and Communication Technologies and Robotics for Sustainable Agriculture

[Website](#)

Home ICT-AGRI Calls and projects Find partners Community events Partnerships Project mapping

Search

Match making

- Find and be found
- Search users
- Search organisations
- Search PF company profiles
- Add organisation
- ICT-AGRI contacts

Search company profiles

ICT provider survey statistics on profile

[Find partners](#)

Number of responses: 115

In which sector is your organisation active?	N
Arable farming: staple crops (grains, beets , potatoes, oilseeds, sugarcane,.....)	63
Arable farming: vegetable crops (cabbage, carrots, ...)	44
Arable farming: ornamentals (trees, flowers, ...)	31
Orchards (apples, pears, grapes (for direct consumption and for wine production), ...)	41
Greenhouse crops: vegetables (tomatoes, salat, ...)	44
Greenhouse crops: ornamentals (trees, flowers, ...)	25
Livestock: dairy production	37
Livestock: beef production	32
Livestock: egg production	16
Livestock: poultry production	19
Livestock: pig production	23
Other	32



[SRA – ICT-AGRI](#)



[ICT-AGRI projects 2010-2015](#)



Gabinete de Promoção do Programa Quadro ID&I



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Iniciativas relevantes na área da Bioeconomia

ETPs

Bio-based economy
EATIP
ETPGAH
FABRE TP
Food for Life
Forest-based
Plants
TP Organics



EIP-AGRI



BBI JU



Bioeconomy
ERA-NET Actions

PLATFORM



EIT



HDHL



FACCE



OCEANS



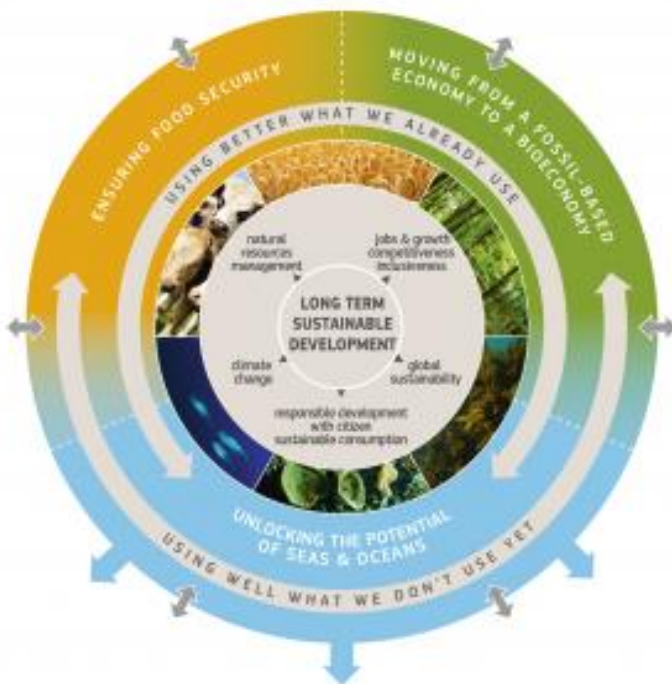
COST

Importante posicionar-se estrategicamente!!

Desafio Societal 2

Processo de preparação do WP 2018-2020

Work Programme 2018-2020 preparation



Consulta Pública (até 28 Agosto!!)



Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy - Work Programme 2018-2020 preparation

Article Newsroom

Preparation of the work programme 2018-2020 for Societal Challenge 2 has started and will involve various stakeholder engagement activities and consultations.

Preparations for the last work programme started at the end of 2015. They will take into account the political priorities of the European Union and refer to several foresight exercises.

Consultation of stakeholders will be an integral part of this programming process which will be managed as a participatory process. In this respect Societal Challenge 2 particularly considers the following inputs:

- **Advisory group report:** The [advisory group](#) started to work on programming for 2018/2020 in February 2016. Building on the outcomes of their work for 2016/2017, they will produce a report by summer 2016.
- **Stakeholder consultation:** a consultation questionnaire will be made available on-line in the course of April 2016. Contributions are especially expected from stakeholder organisations including SC2 relevant European Technology Platforms, Joint Programming Initiatives, European Research Area Networks (ERANETs), European Innovation Partnerships, science organisations, industry organisations. Results will be assembled in a report which is expected in June 2016.
- **Strategic approach to EU agricultural research and innovation:** a large participatory process has been launched in June 2015 to elaborate a long-term strategy for EU agricultural research and innovation, the final version of which is expected in April-May 2016. This strategy will be an important input into the programming process. The content of the strategy builds on:
 - one kick-off workshop in EXPO Milan - [Event page](#) - [Final report](#)
 - two on-line targeted stakeholder consultations;
 - a large conference on 26-28 January 2016 - [Conference page](#);
- **European Innovation Partnership for Agricultural productivity and sustainability (EIP-AGRI):** agriculture and forestry stakeholders are also engaged in reflection on the research agenda via the [EIP-AGRI](#) network and activities, in particular through [focus groups](#), through various [workshops](#) and events which will be organised on themes such as ['Data revolution'](#) (June 2016), ['Food and cities'](#) (sept 2016), ['forest value chains'](#) (October 2016) or [sustainability indicators](#) (January 2017). In addition, EIP-AGRI keeps collecting needs for research from practice via the e-form on [EIP-AGRI interactive platform](#). Finally, outcomes of activities undertaken for [2016/2017](#) will still be taken into account.
- **AGRI Research workshops:** In addition to workshops organised for preparation of work programme 2016-2017, many of which provided outcomes which are also relevant for 2018-2020, specific working sessions are organised to deepen the gap analysis and formulate search questions with key selected experts. Specific themes tackled so far were:
 - ['Bee health and sustainable pollination'](#) (10.03.2016) - [Event page](#)

Exemplos de projetos H2020 com colaborações DS2-TIC



Farming tools for external nutrient inputs and water (call SFS-2014-2)



*Addresses and works with user communities in the farm and agribusiness sector providing them with maps of fertilizer and water requirements (**to feed into precision farming machinery**), crop water consumption and a range of further products for sustainable cropping management supported with innovative water-energy footprint frameworks. All information will be integrated in **leading-edge participatory spatial online decision-support systems**.*



European Agricultural Knowledge and Innovation Systems (AKIS) towards innovation-driven research in Smart Farming Technology (call ISIB-2015-1)

European Network mainstreaming Smart Farming Technologies among the European farmer community and bridging up the gap between practitioners and research on the identification and delivery of new Smart Farming solutions fit to the farmers' needs.



Data Driven Dairy Decisions 4 Farmers (call ISIB-2015-1)

focus on the role which dairy animal and environmental sensors can play in collecting real time information to help make more informed decisions in dairy farming



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Para mais informações & apoio

GPPQ – Contactos dos Pontos de Contacto Nacionais DS2. Bioeconomia

<http://www.gppq.pt/h2020>

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