

Jornada Connect-EU

Impulsa el teu projecte d'**R+D**
i **innovació** a Europa



Co-organitzadors:

ACCIÓ i AGAUR

Amb el suport de:

iberCaja 



Sessió - Alimentació, agricultura, recerca marina i bioeconomia

Sr. Jorge Molina-Villanueva, ADITech

Dra. Elodie Bugnicourt, IRIS engineering

Sra. Olga Roig, CREAM - UAB

Modera: **Sandra Colom, ACCIÓ**

Oportunitats dins Work Programme 2018-2020

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

Barcelona, 6 de novembre de 2017

Sandra Colom i Cabré

Servei RDI internacional
Unitat d'Innovació Empresarial
acolom@gencat.cat

ACCIÓ

 **Generalitat
de Catalunya**



Pressupost H2020



HORIZONTE 2020		74.828
I. Prioridad «Ciencia excelente»		24.232
1. El Consejo Europeo de Investigación (CEI)		13.095
2. Las Tecnologías Futuras y Emergentes (FET)		2.585
3. Las acciones Marie Skłodowska-Curie		6.162
4. Las infraestructuras de investigación		2.390
II. Prioridad «Liderazgo industrial»		16.466
1. Liderazgo en tecnologías industriales y de capacitación:		13.035
1.1 Tecnologías de la información y la comunicación (TIC)		7.423
1.2 Nanotecnologías, 1.3 Materiales avanzados y 1.5 Fabricación y transformación avanzadas		3.741
1.4 Biotecnología		501
1.6 Espacio		1.403
2. Acceso a la financiación de riesgo		2.842
3. Innovación en las PYME		589
III. Prioridad «Retos de la sociedad»		28.630
1. Salud, cambio demográfico y bienestar		7.267
2. Seguridad alimentaria, agricultura y silvicultura sostenibles, investigación marina, marítima y de aguas interiores y Bioeconomía		3.708
3. Energía segura, limpia y eficiente		5.688
4. Transporte inteligente, ecológico e integrado		6.149
5. Acción por el clima, medio ambiente, eficiencia de los recursos y materias primas		2.956
6. Europa en un mundo cambiante – Sociedades inclusivas, innovadoras y reflexivas		1.258
7. Sociedades seguras – Proteger la libertad y la seguridad de Europa y de sus ciudadanos		1.613
IV. Difundir la excelencia y ampliar la participación		816
V. Ciencia con y para la sociedad		445
VI. Acciones directas no nucleares del Centro Común de Investigación (JRC)		1.856
VII. Instituto Europeo de Innovación y Tecnología (EIT)		2.383

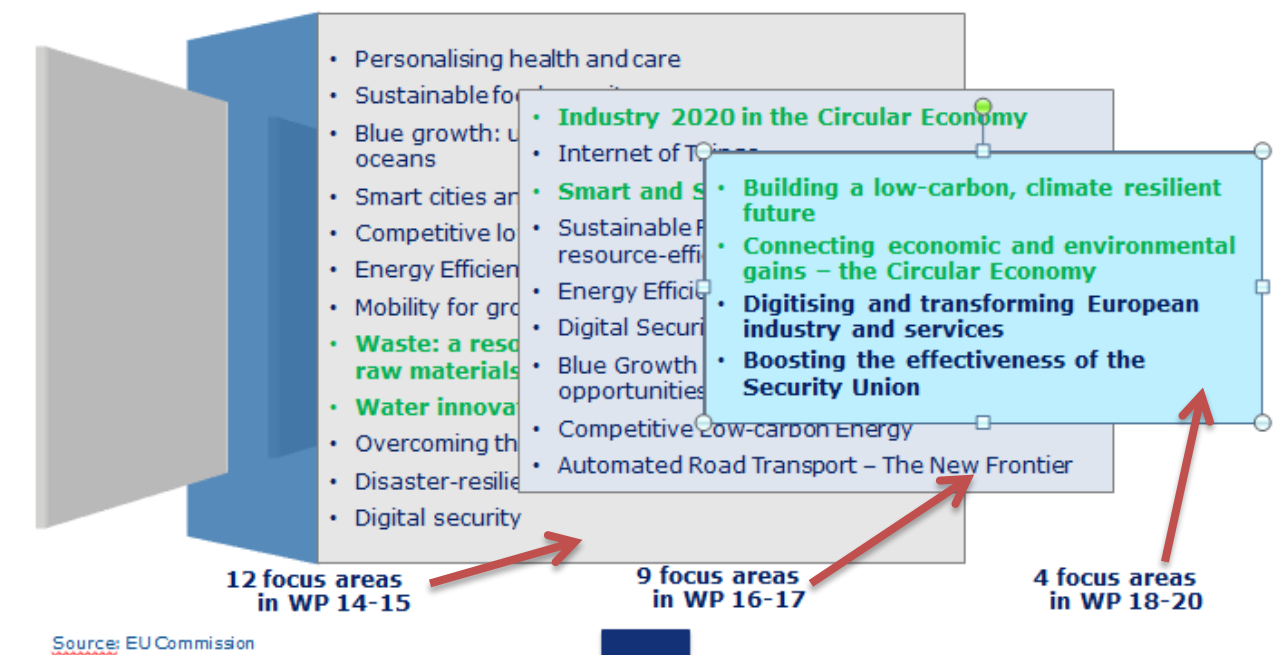


Precios corrientes en M€

Prioritats H2020



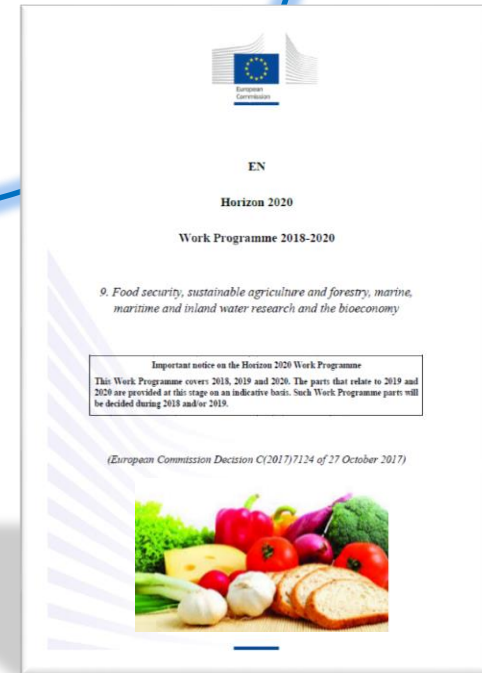
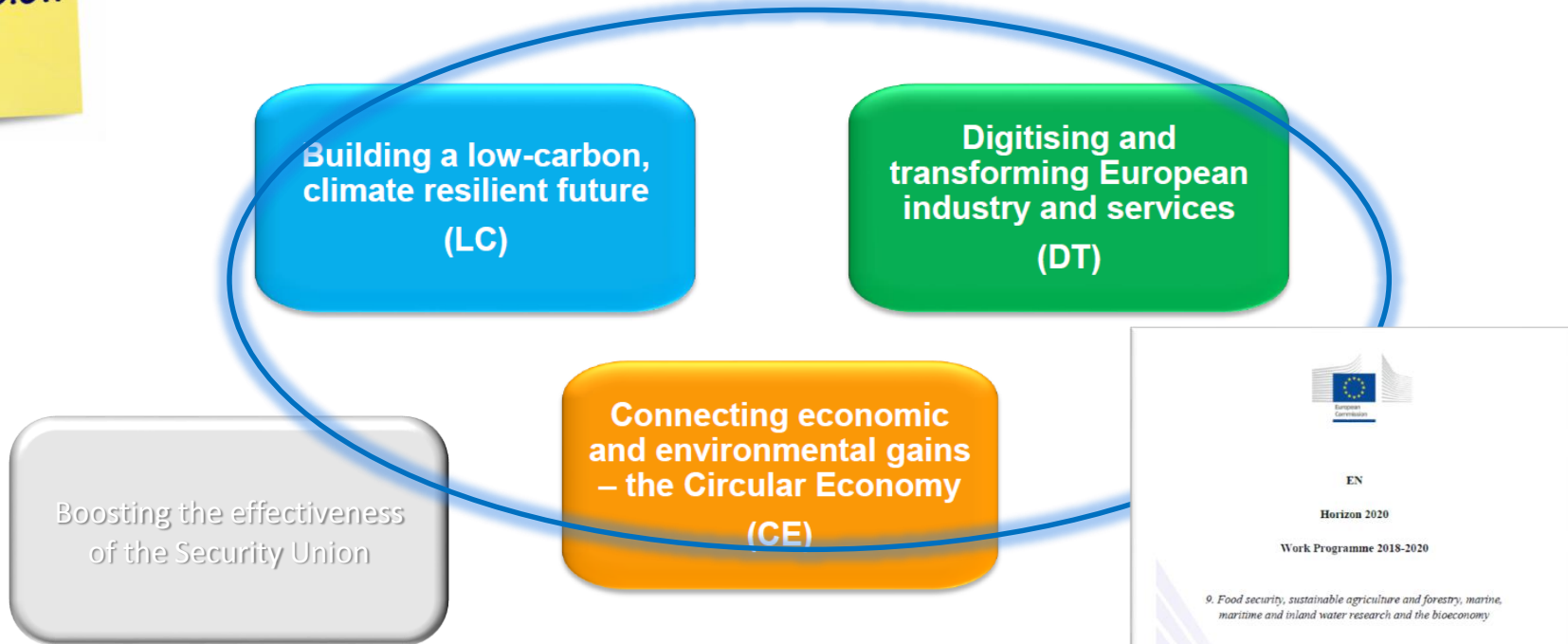
Focus areas evolution along Horizon 2020





Prioritats H2020

Focus Areas

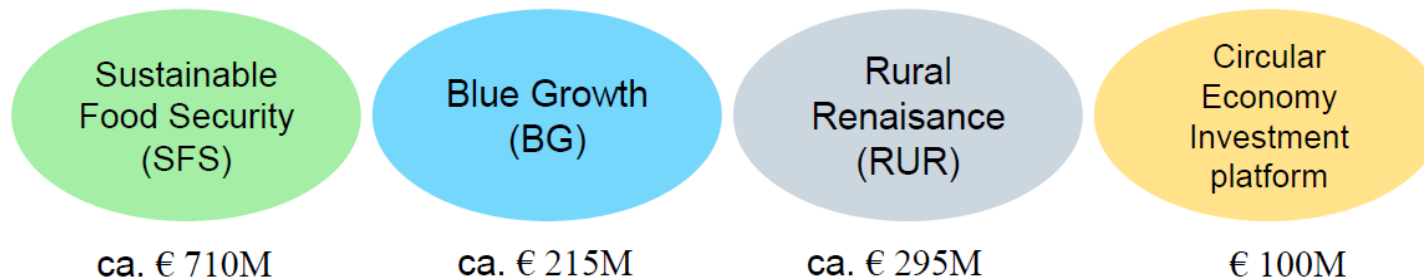




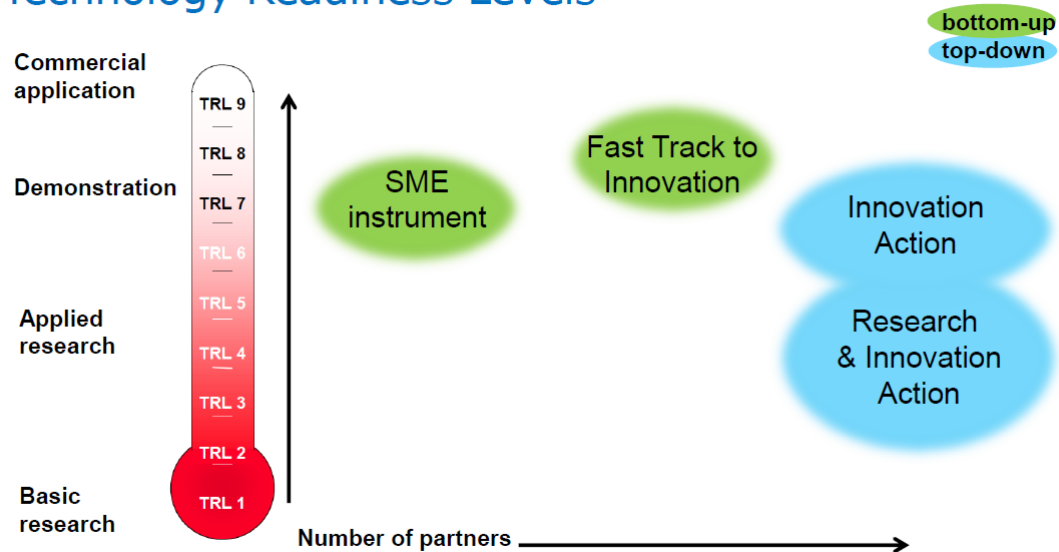
Policy context and strategy (5 priorities)



Implementation (3 calls + Thematic Investment Platform)



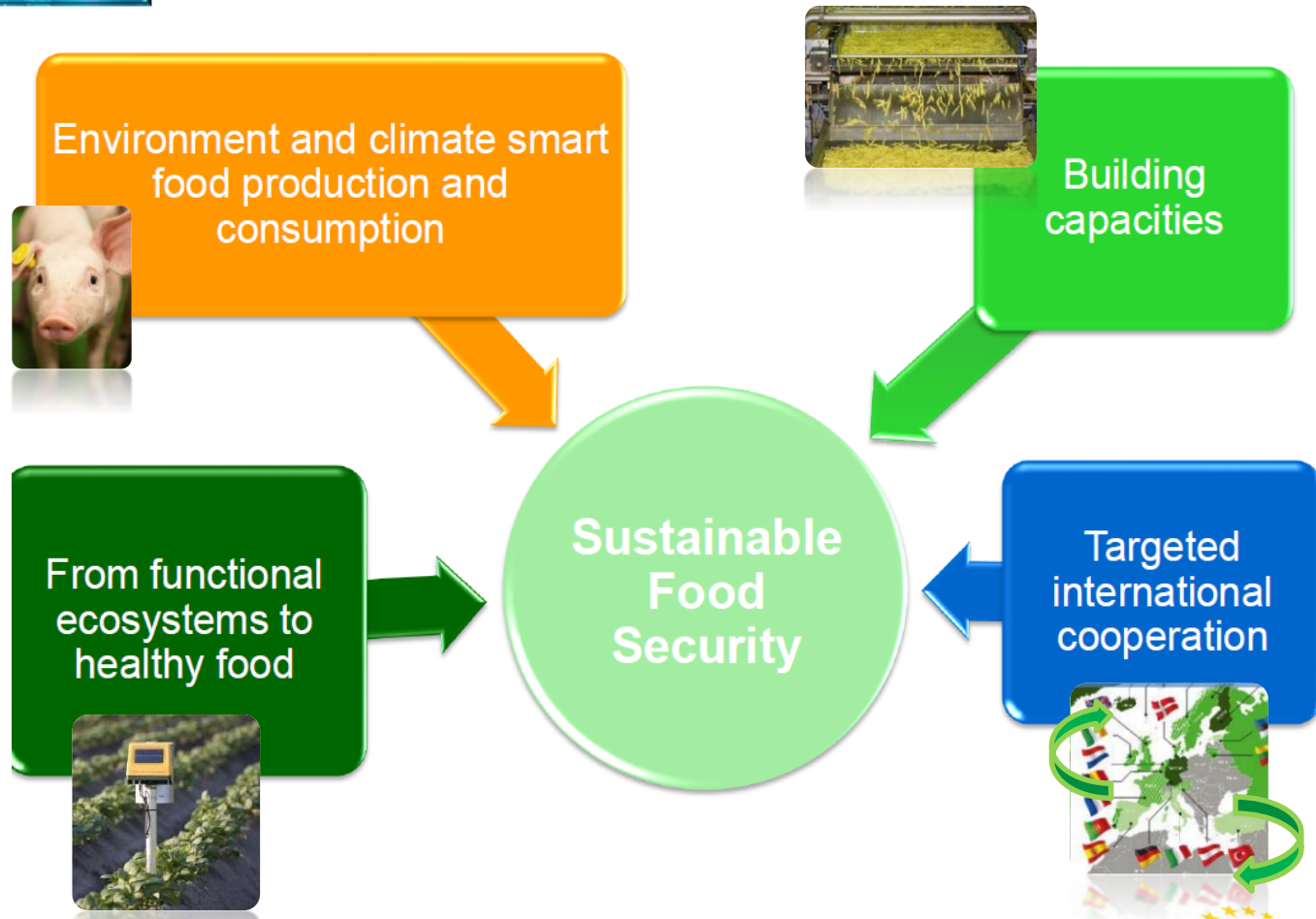
Technology Readiness Levels



CSA – Coordination and Support Actions, not linked to TRL



	Research & Innovation Action	Innovation Actions	SME-instrument	Fast Track to Innovation
For	All organisations	All organisations	SME	SME and industry in lead
TRL	3-5	6-7	6-8	6-8
Partners	Minimum 3 partners from 3 countries	Minimum 3 partners from 3 countries	Not needed	3-5 partners from 3 countries
Funding	Depending on topic 100%	Depending on topic 100% non-profit 70% industry	Phase 1: 50 k€ Phase 2: € 0,5-2,5 mln (70%)	Max € 3 million 100% non-profit 70% industry
Project duration	3-5 years	2-3 years	Phase 1: 0,5 years Phase 2: 1-2 years	Max. 3 years





Targeted International cooperation

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

EU-Africa Partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA)

- SFS-33-2018: Support to implementation of FNSSA (CSA)
- LC-SFS-34-2019: Food Systems Africa (RIA)
- SFS-35-2019-2020: Sustainable Intensification in Africa (RIA)

EU-China Food, Agriculture and Biotechnology Flagship initiative (FAB)

- SFS-37-2019: Food safety controls across the food chain (RIA)
- SFS-38-2018: Management of soil quality and land resources (RIA)
- CE-SFS-39-2019: Organic fertilisers from biogas digestate (IA)



From functional ecosystems to healthy food

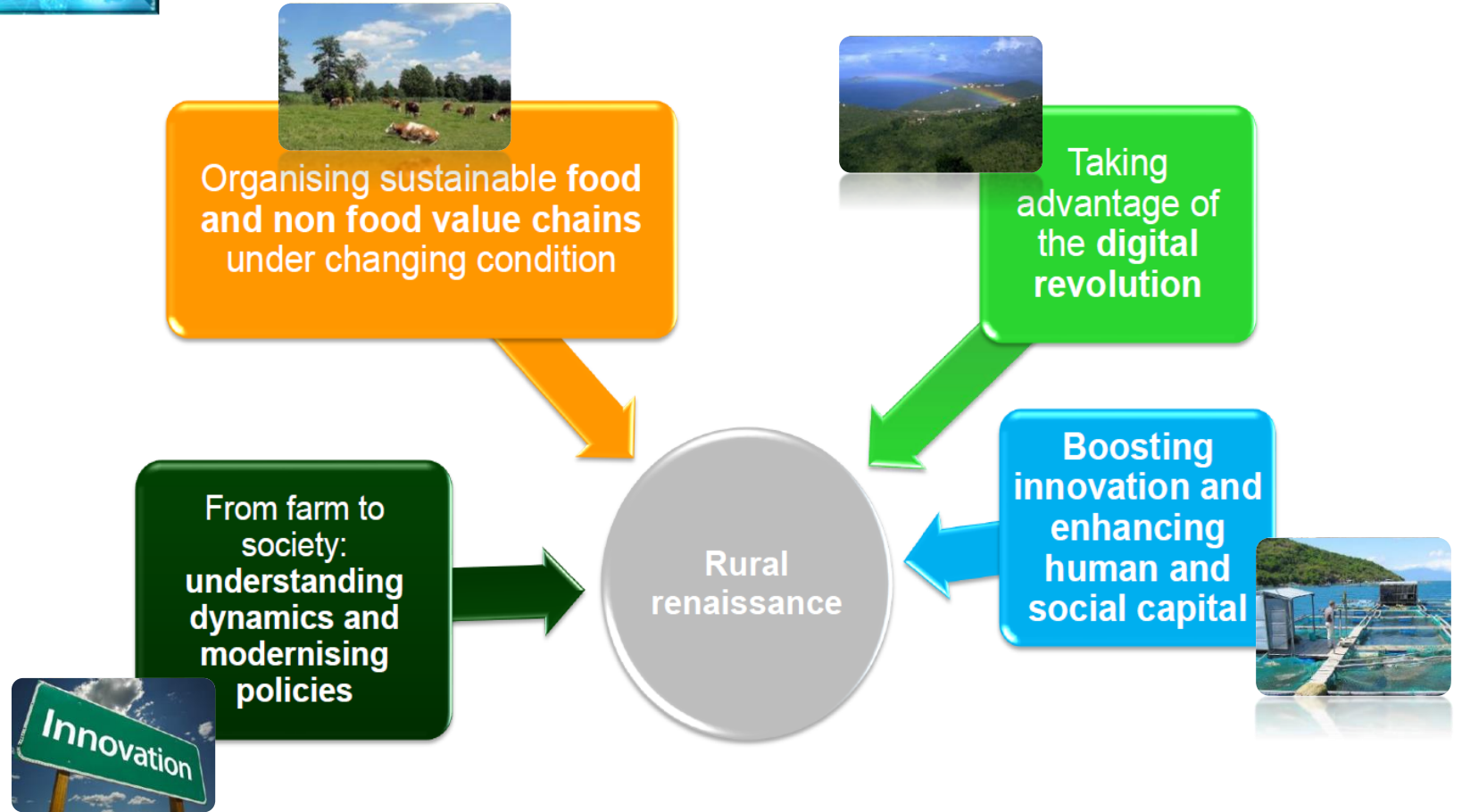
- SFS-01-2018-2019-2020: Biodiversity in action: across farmland and the value chain
- LC-SFS-03-2018: Microbiome applications for sustainable food systems
- SFS-04-2019-2020: Integrated health approaches and alternatives to pesticide use
- SFS-05-2018-2019-2020: New and emerging risks to plant health
- SFS-06-2018-2020: Stepping up integrated pest management
- SFS-07-2018: Making European beekeeping healthy and sustainable
- SFS-08-2018-2019: Improving animal welfare
- SFS-11-2018-2019: Anti-microbials and animal production
- SFS-12-2019: A vaccine against African swine fever
- DT-SFS-14-2018: Personalized Nutrition
- LC-SFS-15-2018: Future proofing our plants
- SFS-16-2018: Towards healthier and sustainable food
- LC-SFS-17-2019: Alternative proteins for food and feed

Environment and climate-smart food production and consumption

- LC-SFS-19-2018-2019: Climate-smart and resilient farming
- LC-SFS-20-2019: European Joint Programme on agricultural soil management
- LC-SFS-22-2020 - Forest soils Research and Innovation Action
- SFS-23-2019: Integrated water management in small agricultural catchments
- CE-SFS-24-2019: Innovative and citizen-driven food system approaches in cities
- CE-SFS-25-2018: Integrated system innovation in valorising urban biowaste

Building capacities

- DT-SFS-26-2019: Food Cloud demonstrators
- SFS-27-2018: Monitoring food R&I investments and impacts
- SFS-28-2018-2019-2020: Genetic resources and pre-breeding communities
- SFS-29-2018: Innovations in plant variety testing
- SFS-30-2018-2019-2020: Agri-Aqua Labs
- SFS-31-2019: ERANETs in agri-food





From farm to society: understanding dynamics and modernising policies

- RUR-01-2018-2019: Building modern rural policies on long-term visions and societal engagement
- RUR-02-2018: Socio-economic impacts of digitisation of agriculture and rural areas
- RUR-03-2018: Contracts for effective and lasting delivery of agri-environmental public goods
- RUR-04-2018-2019: Analytical tools and models to support policies related to agriculture and food



Taking advantage of the digital revolution

- DT-RUR-12-2018: ICT Innovation for agriculture – Digital Innovation Hubs for Agriculture
- RUR-13-2018: Enabling the farm advisor community to prepare farmers for the digital age
- RUR-14-2018: Digital solutions and e-tools to modernise the CAP



Organising sustainable food and non-food value chains under changing conditions

- CE-RUR-08-2018-2019-2020: Closing nutrient cycles
- RUR-09-2018: Realising the potential of regional and local bio-based economies
- CE-RUR-10-2019: Circular bio-based business models for rural communities
- LC-RUR-11-2019-2020: Sustainable wood value chains



Boosting innovation and enhancing the human and social capital in rural areas

- RUR-15-2018-2019-2020: Thematic networks compiling knowledge ready for practice
- RUR-16-2019: Fuelling the potential of advisors for innovation



MISSION BG call

**Climate -
Ocean**

**Sustainable
food chains**

**De-risking
Investments**

**Land-Sea
Connection**

**International
Cooperation**



TOPICS

**Baltic and
North Sea**

**Marine
bioresources**

**Blue
Bioeconomy**

Aquaculture

**Atlantic
Ocean**

**Bio-based
Plastics**

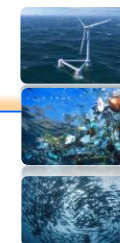
**Future of
Seas&Oceans**

Black Sea

Platforms



- BG-01-2018: Towards a Baltic and North Sea research and innovation programme
- BG-02-2018: Blue Bioeconomy Public-Public Partnership
- LC-BG-03-2018: Sustainable harvesting of marine biological resources
- DT-BG-04-2018-2019: Sustainable European aquaculture 4.0: nutrition and breeding
- BG-05-2019: Multi-use of the marine space, offshore and near-shore: pilot demonstrators
- CE-BG-06-2019: Sustainable solutions for bio-based plastics on land and sea
- BG-07-2019-2020: The Future of Seas and Oceans Flagship Initiative
- BG-08-2018-2019: All Atlantic Ocean Research Alliance Flagship
- LC-BG-09-2019: Coordination of marine and maritime research and innovation in the Black Sea



[Initiative for the sustainable development of the blue economy in the western Mediterranean](#)



Specific/important approaches



- Multi-actor approach
- Responsible Research and Innovation (RRI)
- Coordination between projects
- Open Research Data
- Contribution to Sustainable Development Goals (SDG)
- **IMPACT**



Timeline



- Publication [Work Programma 2018-2020](#): 27 October
- Deadline calls 2018: 13 February 2018 (full proposal + first stage)
- Deadline second stage: 11 September 2018
- Deadline calls 2019: 23 January 2019 (full proposal + first stage)
- Deadline second stage: 4 September 2019
- SME instrument: 4 deadlines per year
- FTI: 3 deadlines per year

*MARK YOUR
CALENDAR!*


Altres programes EU ...



<http://ec.europa.eu/environment/life/index.htm>



THEMATIC AREAS

- 
MANAGEMENT OF WATER
 Integrated and sustainable management of water for arid and semi-arid Mediterranean areas
- 
FARMING SYSTEMS
 Sustainable farming systems under Mediterranean environmental constraints
- 
AGRO-FOOD VALUE CHAIN
 Sustainable Mediterranean agro-food value chain for regional and local development.

<http://4prima.org/>

PRIMA Implementation

- Calls under **annual Work Plans**, based on SRIA.
- **Management** of the calls by DIS.
- **Calls.-**
 - ★ – **Section 1.-** EU funds in form of actions “H2020 like”
 - ★ – **Section 2.-** “ERA-NET like” with national funds. Spain will support both public and private entities.
 - **Section 3.-** Participating States Initiated Actions (PSIAs) – national research programmes managed and funded by PS + Activities supporting programme operation.
- **First Work Plan in 2018**, (under evaluation):
 - Calls to be **launched early in 2018**
 - **Indicative budget: €20 million by EU and at least €30 million by PS**

Work Plan 2018: Thematic Area 2 – Farming Systems



R&I priorities	Type of action / Section
Adaptation to climate change and associated expanding drought, warming, and extreme events	RIA (Research and Innovation Action) Section 2 (ERANET like – PS funds)
Developing sustainable and productive agroecosystems	RIA (Research and Innovation Action) Section 1 (H2020 like – EU funds)
Implementing innovation in Mediterranean Agri-food chains by smallholders and SMEs.	RIA (Research and Innovation Action) Section 2 (ERANET like – PS funds)
Developing farming systems able to generate income, to create employment and to contribute to a balanced territorial development	RIA (Research and Innovation Action) Section 2 (ERANET like – PS funds) -Spain will not include funding for this priority in 2018-

Work Plan 2018: Thematic Area 3 – Agro-Food Value Chain



R&I priorities	Type of action / Section
Valorising food products from traditional Mediterranean diet	RIA (Research and Innovation Action) Section 2 (ERANET like – PS funds)
Food safety in local food chains	RIA (Research and Innovation Action) Section 2 (ERANET like – PS funds)
Implementing innovation in Mediterranean agri-food chains by smallholders and SMEs.	IA (Innovation Action) Section 1 (H2020 like – EU funds)
Health effects of the dietary shifts and promotion of healthy and sustainable diet for the Med populations	RIA (Research and Innovation Action) Section 2 (ERANET like – PS funds)

Servei RDI internacional
Unitat d'Innovació Empresarial



rdi.accio@gencat.cat

**Servei d'Informació
Empresarial**

934 767 206

Info.accio@gencat.cat



@accio_cat

Alt Penedès, Garraf i Maresme

Tel. 934 767 251

Altpenedesgarrafmaresme.accio@gencat.cat

Catalunya Central

Tel. 936 930 209

Manresa.accio@gencat.cat

Girona

Tel. 872 975 991

Girona.accio@gencat.cat

Lleida

Tel. 973 243 355

Lleida.accio@gencat.cat

Tarragona

Tel. 977 251 717

Tarragona.accio@gencat.cat

Terres de l'Ebre

Tel. 977 449 333

Terresebre.accio@gencat.cat

ACCRA BERLÍN BOGOTÀ BOMBAI BRUSSEL·LES BUENOS AIRES CASABLANCA COPENHAGUEN DUBAI HONG KONG INSTANBUL
JOHANNESBURG LIMA LONDRES MÈXIC DF MIAMI MILÀ MONT-REAL MOSCOU NOVA YORK PARÍS PEQUÍN SANTIAGO DE XILE
SAO PAULO SEÜL SYDNEY SILICON VALLEY SINGAPUR STUTTGART TEL AVIV TÒQUIO VARSÒVIA WASHINGTON DC XANGAI

ACCIÓ



**Generalitat
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Sesión: Food Security, Sustainable Agriculture and the Bioeconomy

“Evolución de los Programas de Trabajo H2020 en Área Alimentación”

Barcelona, 6 Noviembre de 2017

ADIttech
ADVANCED INNOVATION & TECHNOLOGY CORPORATION

Jorge Molina Villanueva
Director Programas Europeos & Responsable
Oficina Bruselas

Objetivos de la Presentación

- 1.- Introducir brevemente la Fundación ADItech y su vinculación con el sector agroalimentario y la bioeconomía en general
- 2.- Presentar una comparativa de la evolución de los programas de trabajo de Horizonte 2020 para el Reto Social 2 en el área de alimentos.
- 3.- Presentar algunas tendencias, conceptos clave que han ido evolucionando a lo largo de estos últimos años
- 4.- Ofrecer una breve visión de las políticas e iniciativas europeas que van a tener influencia en el sector en los futuros años.

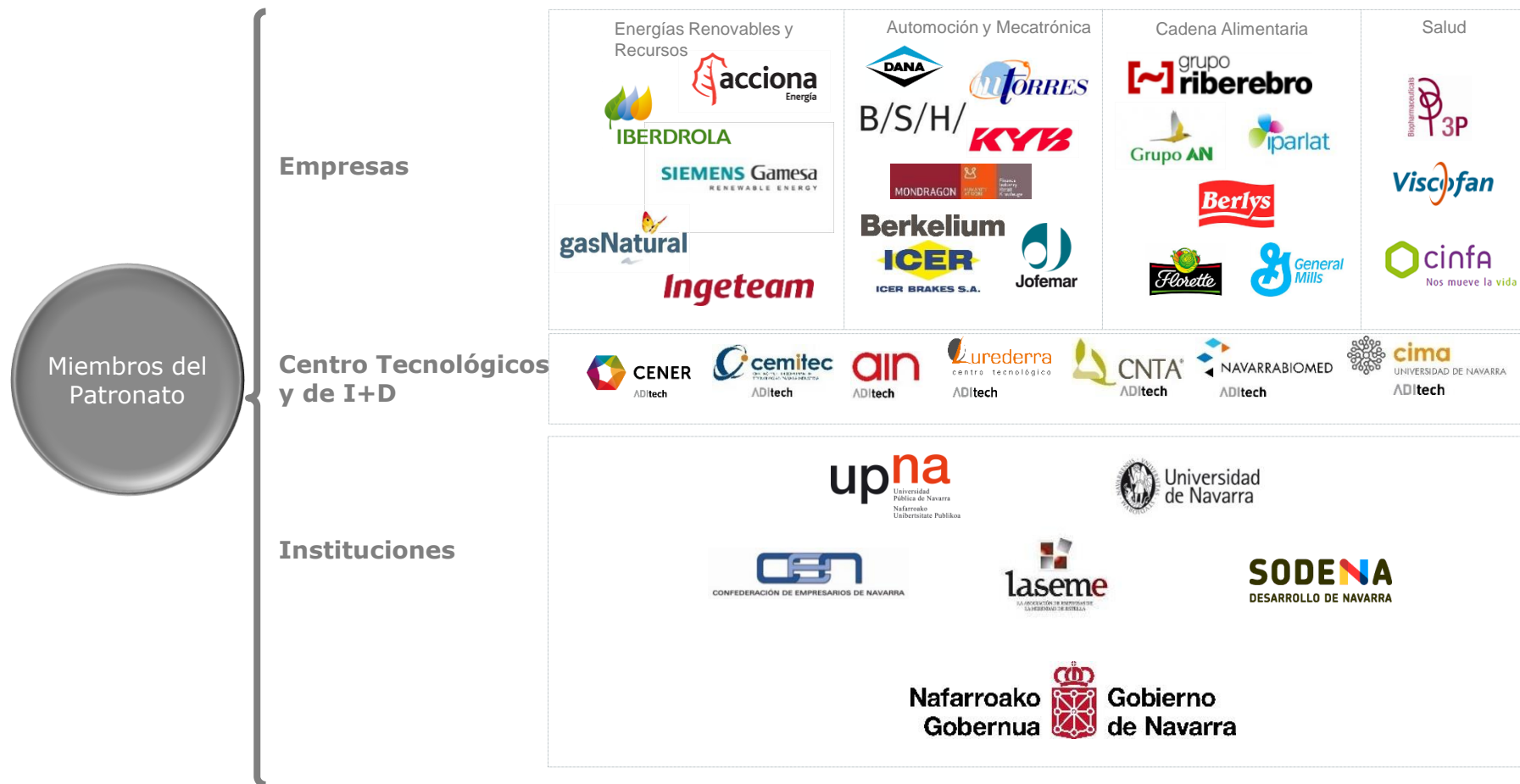
Misión de ADItech



**GETTING COLLABORATIVE
TECHNOLOGY TO WORK**

ADItech Corporación Tecnológica es una fundación cuya función principal consiste en articular el triángulo formado por ciencia, tecnología y empresa en Navarra, con el objetivo de aportar valor a la sociedad, desarrollando nuevos productos que incorporen los últimos conocimientos sobre tecnología e I+D+i, para ser posteriormente explotados, generando de esta forma puestos de trabajo y desarrollo económico en la región. La actividad de ADItech se centra en cuatro áreas: automoción y mecatrónica, salud, energías renovables y recursos y cadena alimentaria.

Patronato de la Fundación ADItech



Localización de ADItech, afiliaciones y S3

EFFRA
a MANUFUTURE initiative

SPIRE
Sustainable Process Industry through Resource and Energy Efficiency

Net Market Fluidics

nano uptake™

Oficina Permanente en Bruselas

Sede central en Pamplona (Navarra)

RESEARCH & INNOVATION Bioeconomy
The Bioeconomy Stakeholders Panel

ERRIN European Regions Research and Innovation Network

VANGUARD INITIATIVE
New growth through smart specialisation

I4MS
BE in CPPS
Regional Manufacturing Digital Innovation Hub

food nexus iberia

INKREASE
Interreg Europe

NAFARROA S³ NAVARRA
Estrategia de Desarrollo

- Automation and Mechatronics
- Food Chain
- Renewable Energy and Resources
- Health

Evolución de los Programas "Food"

Work Programme 2014 -2015	Work Programme 2016 -2017	Work Programme 2018 -2020
Safe food and healthy diets and sustainable consumption	A competitive food industry	From functional ecosystems to healthy food
<ul style="list-style-type: none"> Exposure to multiple food-related toxic substances Biological contamination of crops and the food chain Authentication of food products 	<ul style="list-style-type: none"> Understanding food value chain and network dynamics Innovative agri-food chains: unlocking the potential for competi. & sustainability Innovative solutions for sustainable food packaging 	<ul style="list-style-type: none"> Microbiome applications for sustainable food systems Personalized Nutrition Towards healthier and sustainable food
<ul style="list-style-type: none"> Proteins of the future 	Healthy and safe foods and diets	<ul style="list-style-type: none"> Alternative proteins for food and feed
<ul style="list-style-type: none"> Tackling malnutrition in the elderly 	<ul style="list-style-type: none"> The impact of consumer practices in food safety: risks and mitigation strategies 	<ul style="list-style-type: none"> Innovative and citizen-driven food system approaches in cities
<ul style="list-style-type: none"> Innovative solutions for sustainable novel food processing 	<ul style="list-style-type: none"> Impulsivity and compulsivity and the link with nutrition, lifestyle and the socio-economic environment 	Building capacities
	<ul style="list-style-type: none"> How to tackle the childhood obesity epidemic? 	<ul style="list-style-type: none"> Food Cloud demonstrators
	<ul style="list-style-type: none"> Sweeteners and sweetness enhancers 	International Cooperation
		<ul style="list-style-type: none"> Food Systems Africa
		<ul style="list-style-type: none"> Integrated approaches to food safety controls across the food chain
<p>5 RIAs + 1 IA + (1 CSA)</p> <p>51,5 Mill. Euros</p>	<p>6 RIAs + 1 IA</p> <p>74,5 Mill. Euros</p>	<p>3 RIAs + 5 IA</p> <p>153 Mill. Euros</p>

Algunas ideas, conceptos y aplicaciones que han evolucionado

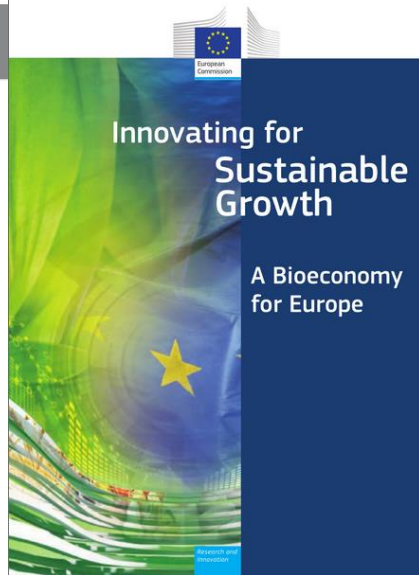
De...	A...
<i>Traceability / Food Chain / Integrity ...</i>	<i>Food Systems</i>
Dimensión Europea / Nacional...	Implementación local / Regional
De menor a ...	Mayor Cooperación Internacional
<i>Functional Food....</i>	<i>Healthier Diets (and sustainable)</i>
De “cooperemos” ...	Al concepto de <i>Multiactor Approach</i>
La S3 es interesante...	La S3 puntúa ...
La Industria alimentaria ...	Al foco en el consumidor
<i>ICT Tools / Platforms...</i>	<i>Digital Innovation Hubs...</i>

Políticas/iniciativas que tendrán influencia en el área de alimentación

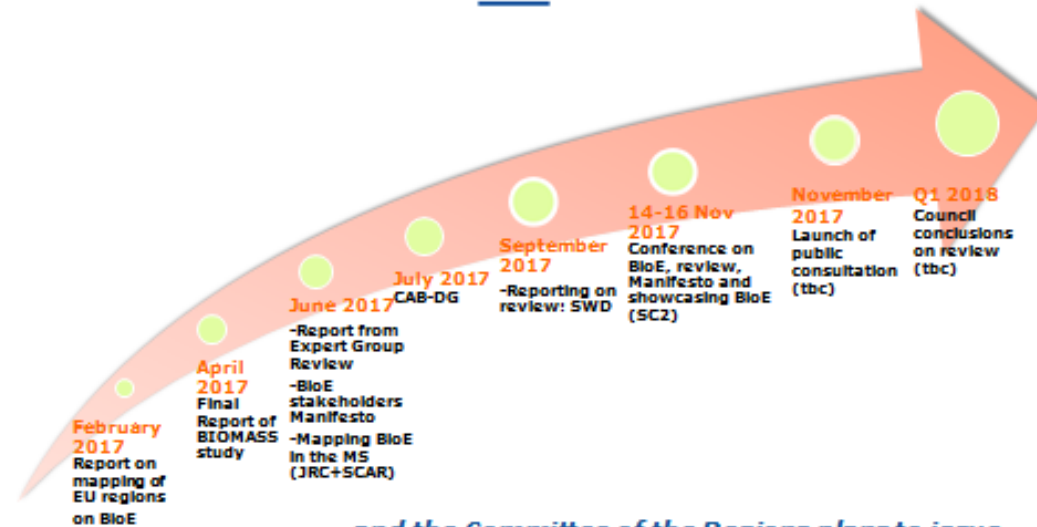


¿Una nueva JU de Alimentación?

La nueva estrategia de bioeconomía europea



The EU Bioeconomy Strategy Review

...and the Committee of the Regions plans to issue an Opinion on Bioeconomy in May 2017

European Bioeconomy Stakeholders Manifesto

Building blocks

UNDER CONSTRUCTION - CONCEPT JUNE 13TH



This concluded by stakeholders from large and small companies, NGOs, associations, governments from 30 countries throughout Europe at the 4th Bioeconomy Stakeholders Meeting, 13 April 2016

Conclusiones



Gracies per la vostra atenció i

Dades de Contacte

Jorge Molina Villanueva
Jorge.molina@aditechcorp.com

ADitech

ADVANCED INNOVATION & TECHNOLOGY CORPORATION



C/ Tajonar, 20 – 31006 Pamplona (Navarra) – España
T +34 948 29 31 30 – Fax +34 948 29 29 10
info@aditechcorp.com | www.aditechcorp.com

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Good practices for “*Food Security, Sustainable Agriculture, Forestry and the Bioeconomy*” proposals

Dr. Elodie Bugnicourt



**Jornada
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d'R+D i Innovació a Europa

6th November 2017

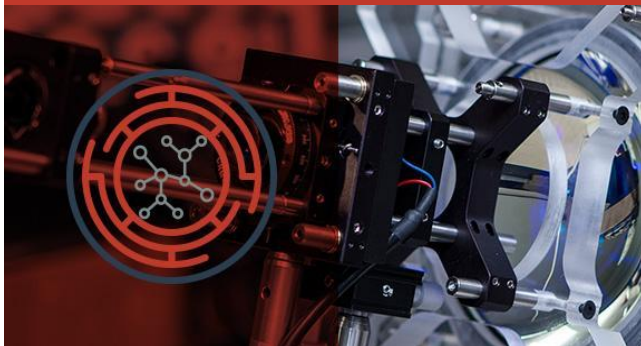
Outline

- ④ Presentation of IRIS
- ④ Example of collaborative Project: AgriMax
- ④ Trends and **tips** especially for BBI proposals
- ④ Example of SME Instrument Project: Hypera
- ④ Trends and **tips** for SME Instrument proposals

IRIS is an Advanced Engineering and R&D Company located in Castelldefels specialised in developing solutions for the Digital transformation contributing to the **Industry 4.0**:



IRIS MONITORING



CYBER-PHYSICAL SYSTEMS

Integration and definition of ad-hoc projects based on **photonic solutions** for process monitoring and in/on-line quality control.

IRIS SMAC



CONNECTIVITY

Implementation and design of **Cloud Solutions** to gather information and connect systems.

ANALYTICS

Development of advanced solutions for data mining and **artificial intelligence**.

IRIS INNOVATION



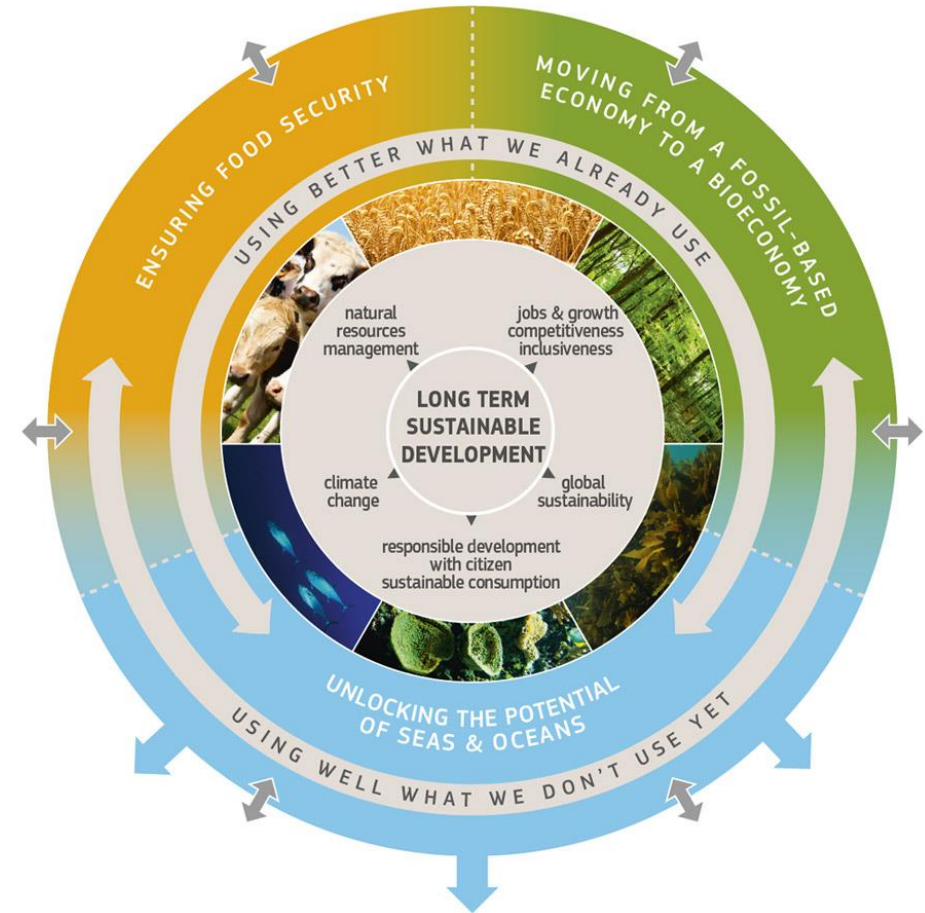
R&D PROJECTS: The involvement in more than 35 FP7 and 20 H2020 R&D projects (5th SME with the highest return in H2020) allows aligning our innovations with the market needs and expanding our know-how at top EU research level.

Innovation lines:

1. New optical photonics-based technologies and PAT systems for production process optimisation
2. Data mining, IOT & cloud platforms
3. ICT enabled novel processing technologies implementation
4. Circular and Bio-based Economy: digitalization and waste valorisation

Introductory remark on Food Security, Sustainable Agriculture, Forestry and the Bioeconomy in H2020

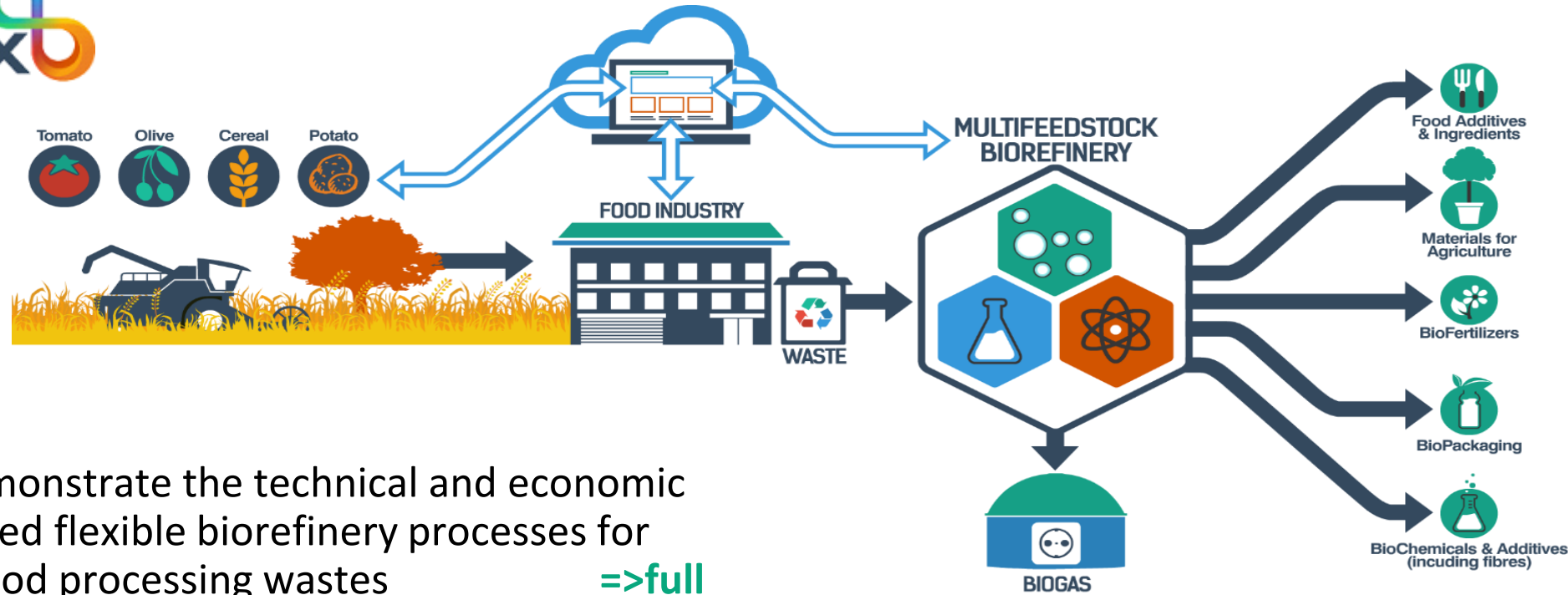
- ☉ Traditionally low success rate in SC2
 - ☉ May increase in 2018-2020 as budget per topic(s) raises but the number of topics decreases?
- ☉ Consider your relevant expertise for topics in other workprogrammes too: BBI, SC5, NMBP, CE, SPIRE, SME-Instrument, etc.
 - ☉ *Circular economy is now embedded in many topics*





Example BBI Project

4 years, started Sept. 2016, 15M€, IA, coordinated by IRIS



- AgriMax aims to demonstrate the technical and economic feasibility of combined flexible biorefinery processes for valorising crops & food processing wastes **=>full topic fit + additional differentiating business model**

- AgriMax tackles a broad Problem: 32% of the produced food is wasted globally (1.3 billion ton per year)

The value chain & geographic synergies considerations

- ⊖ Key for post project results deployment (new value chain unless drop-in solution)
- ⊖ To be accounted from consortium building
- ⊖ Regional focus: local supply for sustainable biobased economy



- ⊖ 29 partners from 11 countries
- ⊖ 11 RTDs, 18 industrial partners (12 SMEs and 6 large enterprises) of which 5 are multipliers
- ⊖ 11 partners are BIC members to maximise the alignment with the BBI programme
- ⊖ Catalonia: 4 partners & 1 pilot plant



High Impact and business potential

=> Maximise the economic and environmental sustainability of a number of sectors to widen H2020 / BBI impact

agrimax will valorize agrofood waste into high added value products building upon number of previous projects:

- ⦿ **Safe and environmentally friendly Bio-Packaging**
- ⦿ **Healthier and functional Food products**
- ⦿ **Bio-based Agriculture products**



=> **Consider business success enabling activities:**

- ⦿ **Role of transversal activities eg. policy outreach**
- ⦿ **Bio is not a synonym of better: demonstrate why the selected application should turn green (LCA, LCC, S-LCA, consumer acceptance, etc.)**

Company strategic alignment as key success actor!

=>Reflect the strategy for each partner and for the consortium as a whole!

- IRIS' participation in SC2 thematic is embedded in a long term vision merging bio and circular economy already applied in many research projects



- IRIS' broad role involves waste valorisation application development, Industry 4.0 enabled innovations like ICT platform and monitoring systems, all serving an holistic approach towards sustainable industries of the future



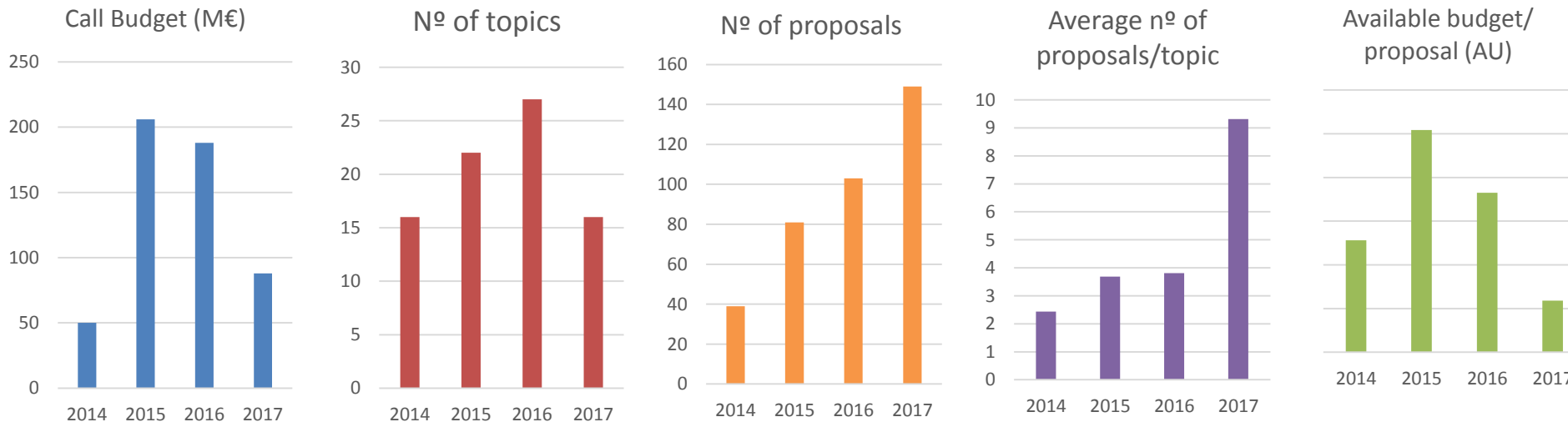
BBI call: generic tips

- ⦿ Understand the BIC's SIRA and show how you contribute: you team up with BBI-JU to reach common objectives (projects =tools to reach KPIs)
- ⦿ Understand the specific rules of the BBI call as part of a PPP:
 - ⦿ **Specific funding rates for Large companies in RIAs**
 - ⦿ **Additional investments (resp. activities), in kind/ in cash contributions**
 - ⦿ **Expectation of a more detailed BP vs. other IAs**
 - ⦿ **Specificity of Flagship calls (targets consolidated TRL8, builds precompetitive plant, requires hearing in Brussels)**
- ⦿ Slightly greater success rate for BIC members but no exclusivity

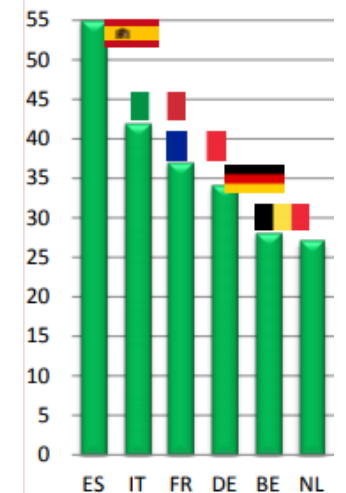


BBI call: trends

- ☉ The topics are not clustered anymore by feedstock sources
- ☉ Budget shared across IAs and across RIAs: some topics may not fund any proposal
- ☉ Reduction of overall budget in the last years and of Budget per Project, especially for IAs (15-> 7M€) and Flagships (33->21M€)
- ☉ Drastically increasing number of applicants to BBI call since its fundation
- ☉ Spain is extremely well represented



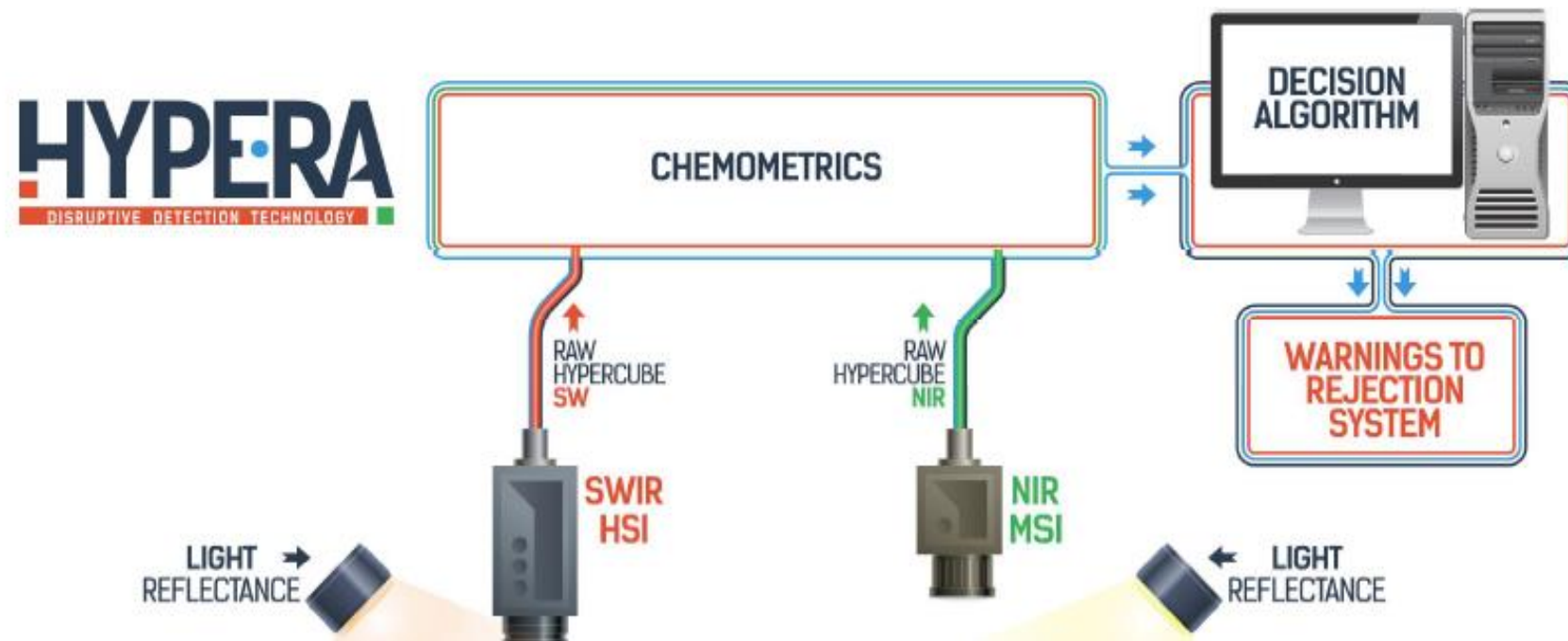
Beneficiaries 2016 call



Example of food-related SME Instrument Project

2 years, started July 2016, 1.65M€, IRIS as single beneficiary

- Topic: Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors
- Hypera is an affordable hyperspectral imaging system for in-line foreign body detection and chemical composition analysis during food processing

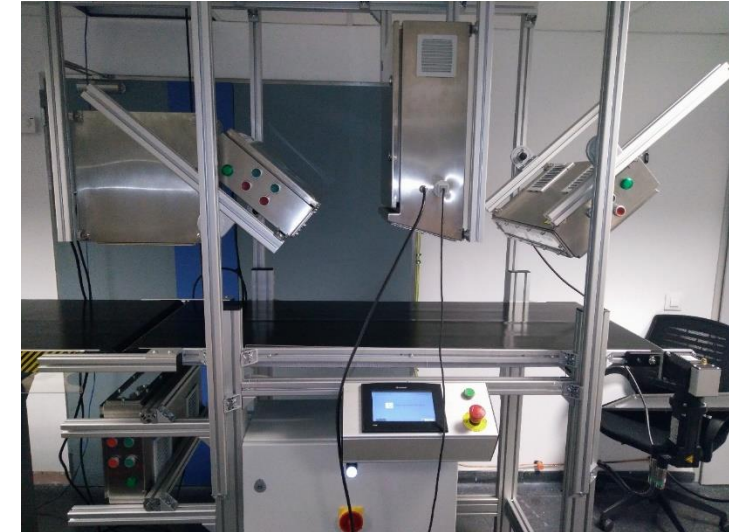


SME instrument: generic tips & trends

🕒 Proposal Preparation tips:

- 🕒 The Business Plan is of outmost importance besides technical aspects
- 🕒 Know the Market (and its rules) and the Players;
- 🕒 Sound elaboration of the business strategy not only in a separated WP but embedded in the whole Workplan (overcoming market barriers);
- 🕒 Strong Proof of TRL;
- 🕒 Wisely chose your partners/ subcontractors

IRIS is subcontractor in 4 successful stage 2 SME instruments



🕒 Trends :

- 🕒 Hearings will be required to defend proposals face to face upon an initial screening
- 🕒 Topics will become butthms up
- 🕒 Buget will increase (and hopefully success rate?)

Thanks for your attention!



Good luck!

Contact:
ebugnicourt@iris.cat

**Sessió - Alimentació, agricultura, recerca marina i
bioeconomia**

Sr. Jorge Molina-Villanueva, ADITech

Dra. Elodie Bugnicourt, IRIS engineering

Sra. Olga Roig, CREAM - UAB

Modera: **Sandra Colom, ACCIÓ**



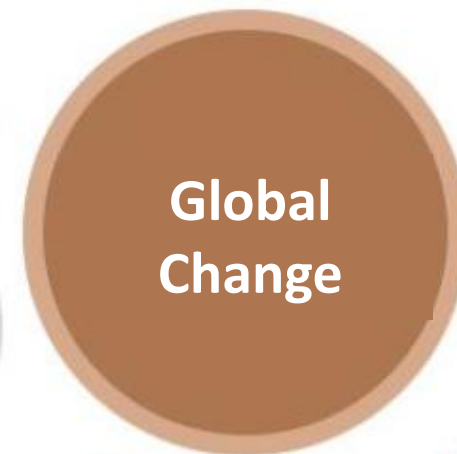
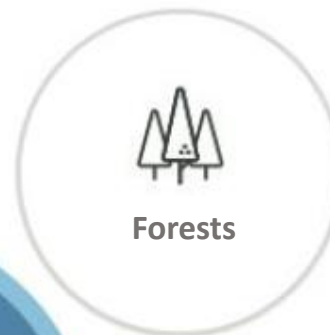
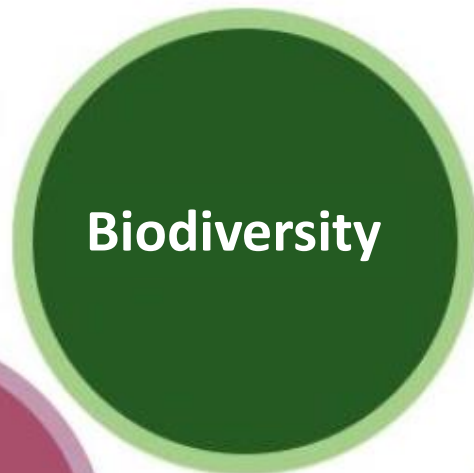
CREAF

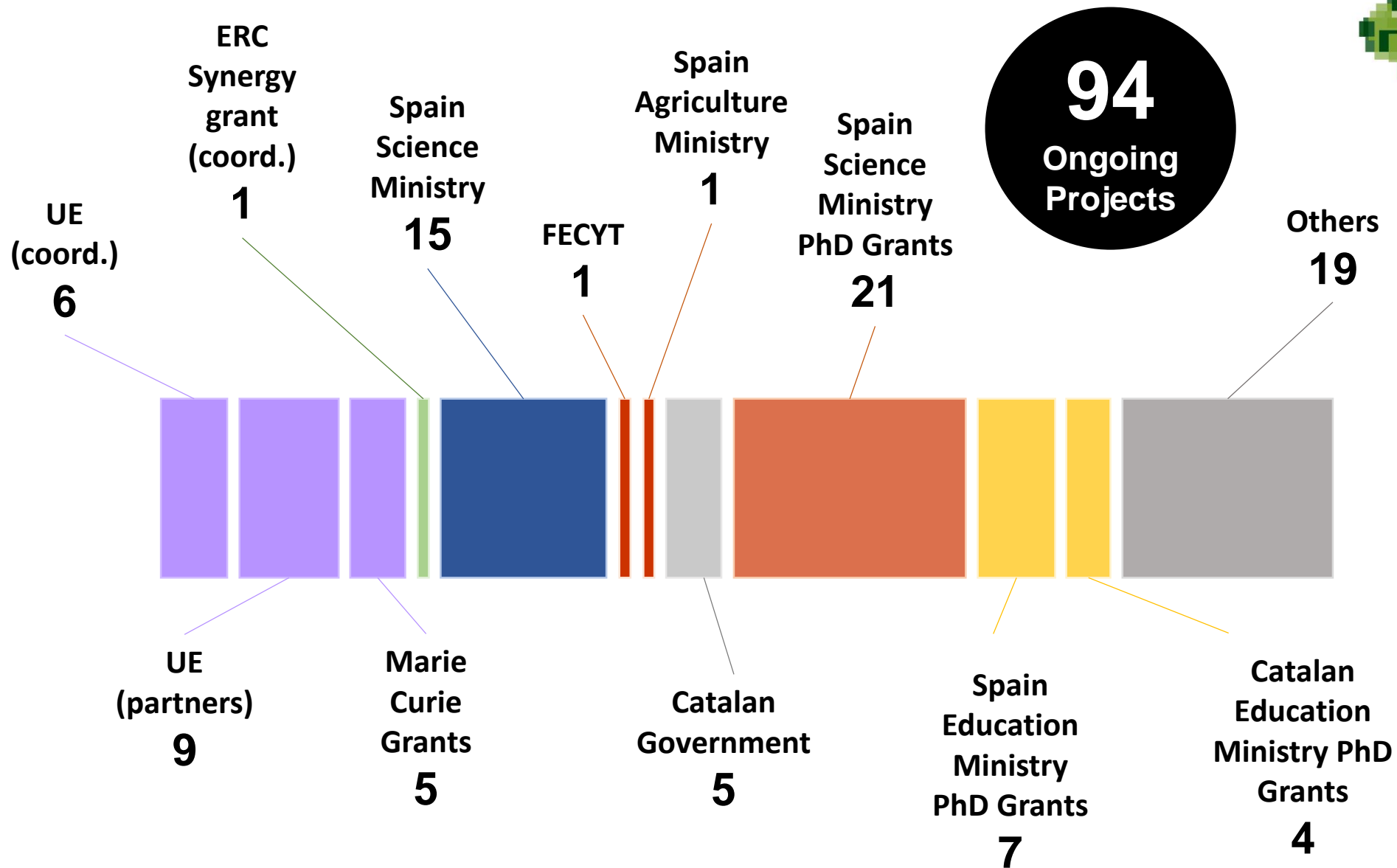
Research, Innovation and Knowledge Transfer in Terrestrial Ecology

Olga Roig i Herrera
International projects manager

- We are a Spanish public **research center with 25 years of history dedicated to **terrestrial ecology** and **territorial analysis**.**
- We produce knowledge and methodologies for conservation, management and **adaptation** of the environment to **global change**.







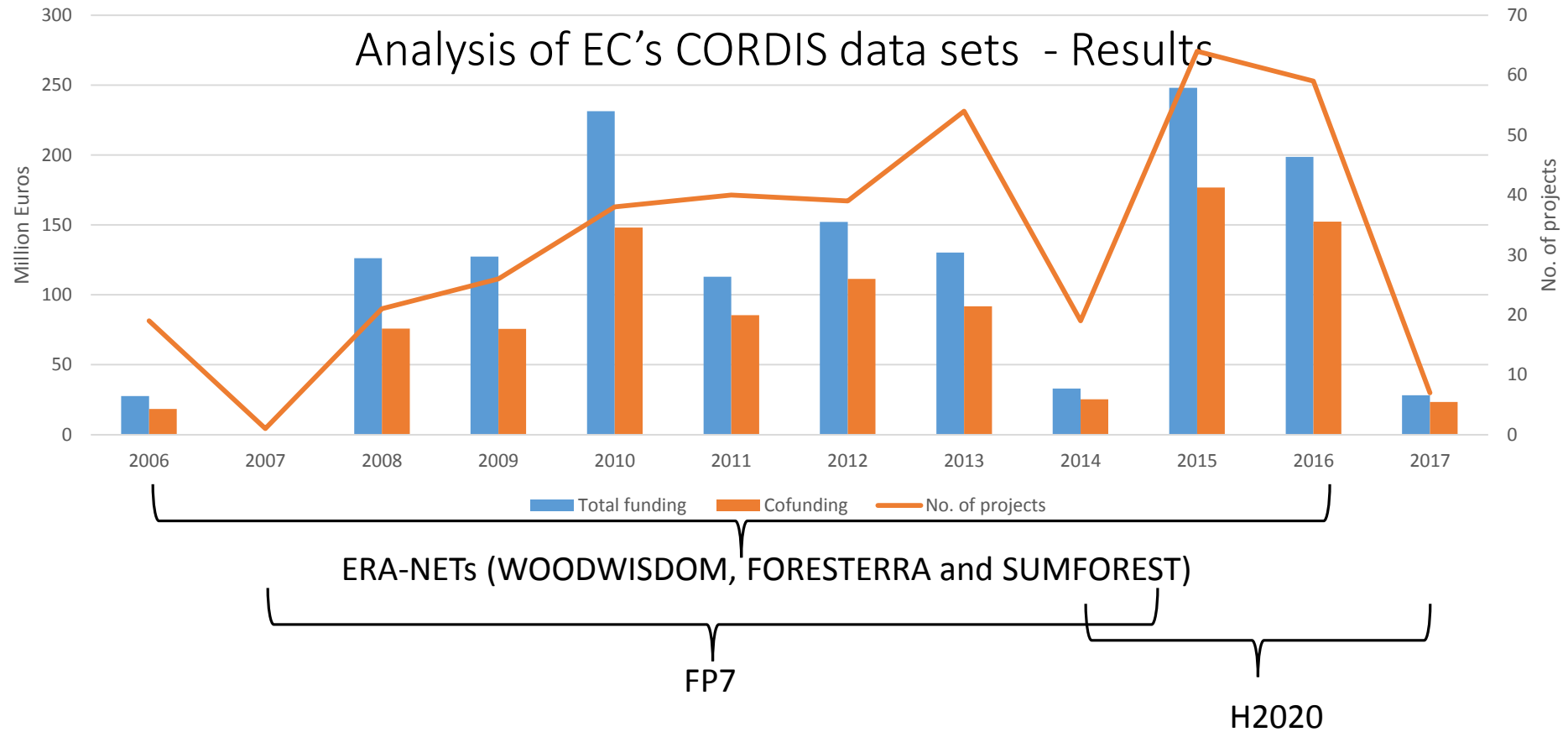
Evolució del programes de treball dins H2020 en les temàtiques de *Forest based* dins del CREAF:

- Disminució dels temes d'interès en els programes de treball
- Disminució de les oportunitats de finançament pel CREAF en temes forestals.
- Evolució des de temes Forestals cap a aspectes més transversals (aspectes socials, aigua-governança, aigua-TIC, aigua-cooperació)

Participació del CREAF al repte social 2_Resultats:

- Taxa d'èxit baixa
- Baixa participació, especialment al repte social 2
- Disminució dels fons procedents del repte social 2

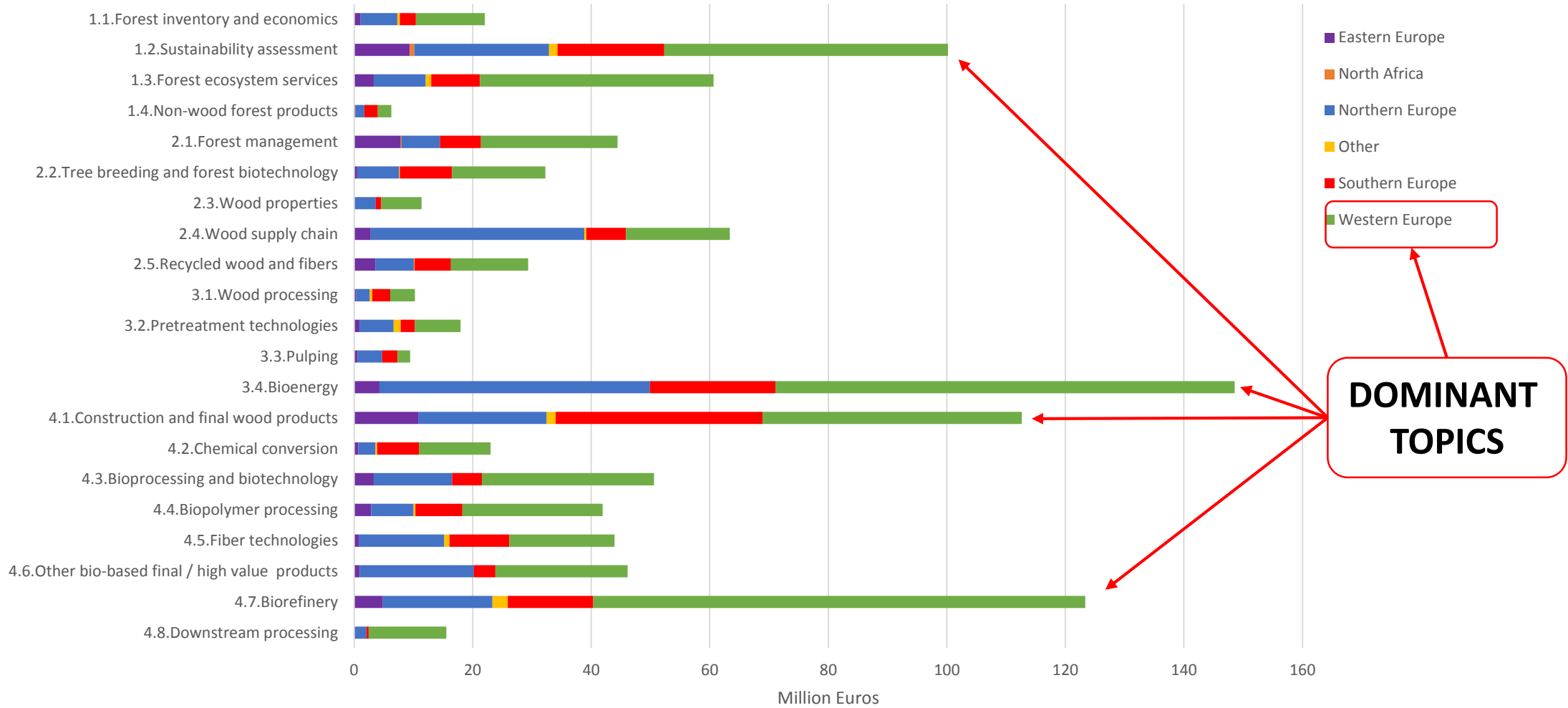
FINANCING BY YEAR



TOTAL OF 387 PROJECTS, 66 COUNTRIES, 1.4 BILLION EUROS OF AND 1978 ORGANIZATIONS

Source: European Forest Institute

Cofunding by region and topic



Source: European Forest Institute

Anàlisi del context:

investigadors

- ▼ Interès en participar en projectes de col·laboració.
- Capacitat d'internacionalització centrada en certs investigadors.
- ▲ Interès en altres programes: ERA-nets, LIFE+, INTERREG
- Manca del socis estratègics que complementessin al CREAM.
- CREAM molt orientat a la recerca bàsica i no ha sabut trobar bé l'encaix a al repte social 2.

Servei de Suport

- Manca d'expertesa en Impacte: explotació, disseminació, IPR, etc.
- Eficiència baixa.
- Manca de casos d'èxit per guiar-nos.
- NO anàlisi de resultats
- NO estratègia.

Estratègia 2017-2020:

Diversificació programes

Col·laboracions estratègiques

Estratègia BOSCOS (pilot)

Efectivitat i Eficiència

Programa de Formació






CREAF
Staff

196



Turnover
M€

4.96




Active
Projects

94

P-Imbalance
Synergy Grant



1



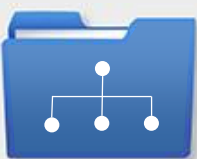
Projects
UE Funded

21

CREAF SCI
Publications



205



UE projects
Coordination

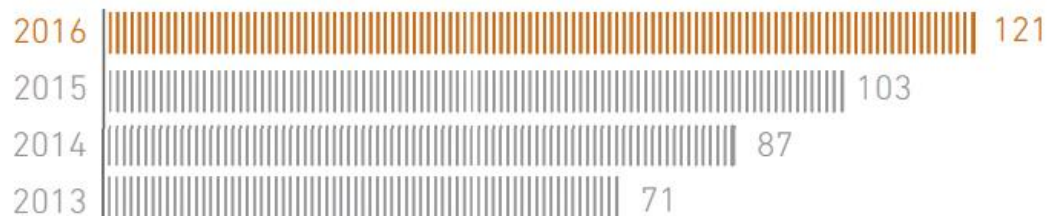
6

PhD program
in CREAM

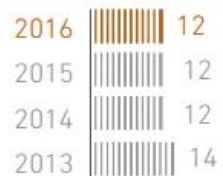


1

Researchers



CREAF researchers



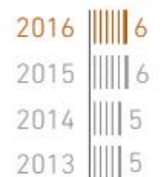
UAB researchers



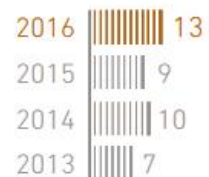
UB researchers



CSIC researchers



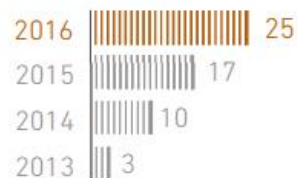
Associate researchers



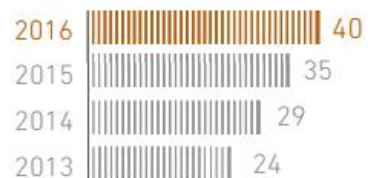
ICREA researchers



Post-Doctoral



Doctoral Candidates





CREAF

www.creaf.cat

Moltes gràcies a totes i a tots.

- **INFO DAY HORIZON 2020 – SC2 . Horizon 2020 Societal Challenge 2 – Food, Agriculture, Blue Growth, Bioeconomy. Infoweek including high-level policy events (14-17 November 2017 – BRUSSELS) – web.** <https://ec.europa.eu/programmes/horizon2020/en/news/horizon-2020-societal-challenge-2-infoweek-including-high-level-policy-events>
- **PRIMA - INFO AND NETWORKING EVENT (8 November 2017, BRUSSELS) – web.** https://www.era-learn.eu/events/save-the-date-annual-event-on-public-public-partnerships-7-8-november-2017-brussels/PRIMA_event8thNovember.pdf
- **JORNADA DE PRESENTACIÓN DEL PROGRAMA DE TRABAJO 2018-2020 Y TALLER DE REVISIÓN DE PROPUESTAS - Reto Social 2 (7 November 2017 – MADRID) – web.** <http://www.cdti.es/index.asp?MP=9&MS=37&MN=2&accion=si&xto=RSS-3&id=4406>
- **TALLER DE REVISIÓ DE PROPOSTES SC2 . FOOD & BIOECONOMY - 2018 CALLS (12 December 2017 – BARCELONA)**





Entitats catalanes participants



Agri and food waste valorisation co-ops based on flexible multi-feedstocks biorefinery processing technologies for new high added value applications

From 2016-10-01 to 2020-09-30, ongoing project

Project details

Total cost:

EUR 15 543 494,56

EU contribution:

EUR 12 484 461,46

Coordinated in:

Spain

Topic(s):

[BBI.VC3.D5-2015 - Valorisation of agricultural residues and side streams from the agro-food industry](#)

Call for proposal:

H2020-BBI-PPP-2015-2-1 [See other projects for this call](#)

Funding scheme:

BBI-IA-DEMO - Bio-based Industries Innovation action - Demonstration



Entitats catalanes participants



Prevention Of Malnutrition In Senior Subjects in the EU

From 2016-04-01 to 2021-03-31, ongoing project

Project details

Total cost: EUR 6 915 506,25	Topic(s): SFS-16-2015 - Tackling malnutrition in the elderly
EU contribution: EUR 6 915 506,25	Call for proposal: H2020-SFS-2015-2 See other projects for this call
Coordinated in: Netherlands	Funding scheme: RIA - Research and Innovation action

A broad range of services for growth-oriented SMEs



Business Support on Your Doorstep

INTERNATIONAL PARTNERSHIPS

Partnership database

Brokerage events

Company missions

ADVISORY SUPPORT

Advice on EU laws and standards

Market intelligence

IPR expertise

INNOVATION SUPPORT

Access to finance and funding

Innovation Management Services

Technology transfer

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