

# **HORIZONTE 2020: ORIENTACIÓN DEL NUEVO PROGRAMA DE TRABAJO 2018/2019**

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**SOST**

# SOST-CDTI, Spanish Office for Science & Technology

## SOST hoy...

- ❑ En **1994** se firma del convenio marco entre la **CICYT** y el CDTI para la creación de la “Oficina Española de Ciencia y Tecnología” en Bruselas → **Actualmente, SOST es la oficina de CDTI en Bruselas.**
- ❑ SOST está en primera línea de lo que acontece en temas de I+D+i europeos y ofrece, **asesoramiento, información, opinión, apoyo logístico, lobby y formación** tanto a CDTI, como a la Comunidad Científico-Tecnológica española (Empresas, OPIs Universidades, Fundaciones, Parques Tecnológicos, Centros Tecnológicos, etc.)
- ❑ Aunque SOST-CDTI se **centra en H2020**, también se monitorizan otros programas Europeos sinérgicos.



# SOST-CDTI, Spanish Office for Science & Technology

## Servicios de SOST-CDTI...

- Apoyo técnico/temático a los representantes y NCPs de H2020
- Facilita los contactos con los diferentes servicios de la Comisión Europea y stakeholders
- Orienta a participantes en temas legales y financieros (reglas de participación, contratos de Subvención y de consorcio, IPR, etc.), así como en temas científicos técnicos de participación en RS & LEIT.
- Actúa como enlace con las Delegaciones de las CCAA en Bruselas para temas de I+D+i y es miembro de la red informal de entidades de C&T homólogas europeas denominada IGLO (Presidencia en 2015-2016)
- Organiza el Programa de especialización de gestores europeos en I+D+i
- En la segunda mitad de 2015 ha lanzado el **programa de estancias temporales en SOST para entidades españolas**

# Programa de gestores SOST, Programa CAPGES

Programa de apoyo para el posicionamiento de entidades españolas participantes en programas e iniciativas Europeas de I+D+i (principalmente relacionadas con H2020).



Lo que **SÍ** es el programa de especialización

- ✓ Es un **programa de estrategia de participación y posicionamiento** de entidades/organizaciones españolas públicas y privadas en el programa H2020 y sus diferentes iniciativas (principalmente las relacionadas con Retos Sociales & Liderazgo Industrial).
- ✓ Es un programa de **especialización de un recurso humano altamente cualificado** en conocimiento del entorno europeo de la I+D+i

Lo que **NO** es el programa de especialización

- Ø **NO es un curso de formación** sobre programas europeos
- Ø **NO está dirigido a entidades noveles** o con poco recorrido en FP7-Cooperación y H2020.

**Participar en Europa...**

## Porqué (o no) un proyecto europeo de I+D+i?

Un **proyecto europeo de investigación aplicada en H2020** (no básica) o de **innovación** se puede plantear porque:

- ❑ A nivel europeo/global se detectan unas necesidades, se visualiza una oportunidad de mercado **a medio plazo** y se quiere ser competitivo mejorando un producto/servicio a través de la I+D+i.
- ❑ Queremos establecer relación con los principales stakeholders de ese sector a nivel europeo/global. → Queremos cultivar/ampliar nuestro **networking y compartir** conocimiento y recursos.

[...]



# Porqué (o no) un proyecto europeo de I+D+i?

No obstante, a veces el sector privado puede

1. Tener **urgencia** en mejorar su producto/servicio (corto plazo) porque ya ha detectado su nicho de mercado.
2. Querer la **exclusiva** de las claves de la innovación y mejora de su producto/servicio...

... En estos casos, entonces la mejor herramienta NO es un proyecto de I+D+i europeo sino **otro tipo de instrumento financiero**, i.e., un crédito para la innovación.

**\*ATENCIÓN:** Con el **instrumento PYME** y con el esquema **Fast Track to Innovation (FTI)**, la tendencia podría cambiar...





## Filosofía H2020 de los proyectos europeos de I+D+i...

Es necesario tener una **estrategia** a nivel de dirección de la entidad (priorizar líneas, establecer objetivos y destinar recursos propios) porque en el nuevo programa de I+D+i europeo, H2020,

1. Se evalúa la **capacidad operativa del partner** para llevar a cabo las tareas indicadas. → Es necesario tener esas capacidades ANTES de la consecución del proyecto y NO como consecuencia de la ayuda (el proyecto puede ayudar a completar).
2. Se debe tener una **visión** de qué es lo que se quiere hacer con los resultados obtenidos de la I+D+i → Orientación a resultados, impacto & transferencia

**El proyecto es sólo una « ayuda » a algo que se quiere hacer de todos modos... → siempre hay co-financiación!**

# **Unas palabras sobre las orientaciones en I+D+i en Europa...**

# De dónde viene H2020? Estrategia Europa-2020...

Ya en 2010 la EC apuntó una serie de retos/desafíos...

- Recuperación económica,
- Creación de empleo,
- Educación, movilidad & nuevas capacidades,
- Lucha contra la pobreza,
- Mejora de la competitividad Industrial,
- Cambio Climático & recursos naturales...



# Objetivos de la estrategia Europe-2020...

- ❑ **Empleo:**
  - ❑ 75% de personas entre 20 y 60 años de edad
- ❑ **Inversión en I+D**
  - ❑ 3% del PIB
- ❑ **Cambio climático/energía**
  - ❑ Emisiones de gas efecto invernadero 20% (ó 30%) inferior al valor en 1990
  - ❑ 20% de la energía producido por renovables
  - ❑ 20% de aumento en la eficacia de la energía
- ❑ **Educación**
  - ❑ Reducción por debajo del 10% de la tasa de abandono escolar
  - ❑ Alcanzar como mínimo el 40% de personas entre 30 y 34 años de edad que completen educación de tercer nivel
- ❑ **Pobreza y exclusión social**
  - ❑ Disminuir en 20 millones el número de personas ya pobres y excluidas socialmente o con riesgo de caer en la pobreza y en la exclusión social.

# Cómo atacar los retos/desafíos? Flagship Initiatives...

## ❑ Crecimiento Inteligente

- Agenda digital para Europa  
[http://ec.europa.eu/information\\_society/digital-agenda/index\\_en.htm](http://ec.europa.eu/information_society/digital-agenda/index_en.htm)
- Unión por la Innovación [http://ec.europa.eu/research/innovation-union/index\\_en.cfm](http://ec.europa.eu/research/innovation-union/index_en.cfm)
- Juventud en movimiento  
[http://ec.europa.eu/youthonthemove/index\\_en.htm](http://ec.europa.eu/youthonthemove/index_en.htm)

## ❑ Crecimiento Sostenible

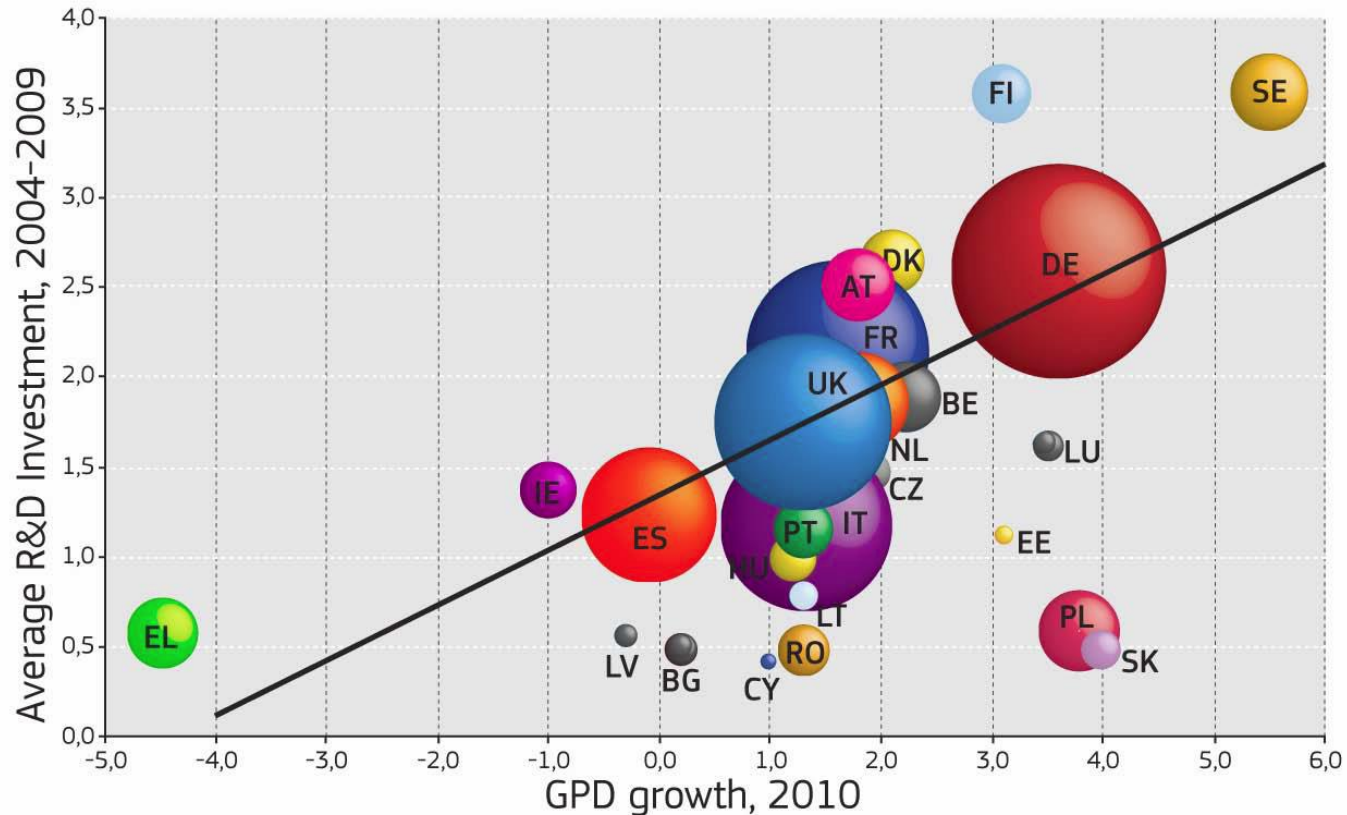
- Una Europa que utilice eficazmente sus recursos  
[http://ec.europa.eu/resource-efficient-europe/index\\_en.htm](http://ec.europa.eu/resource-efficient-europe/index_en.htm)
- Política industrial para la era de la mundialización  
[http://ec.europa.eu/enterprise/policies/industrial-competitiveness/industrial-policy/index\\_en.htm](http://ec.europa.eu/enterprise/policies/industrial-competitiveness/industrial-policy/index_en.htm)

## ❑ Crecimiento Inclusivo

- Una agenda de nuevas cualificaciones y empleos  
<http://ec.europa.eu/social/main.jsp?langId=es&catId=958>
- Plataforma europea contra la pobreza  
<http://ec.europa.eu/social/main.jsp?catId=961&langId=es>

# Sobre la economía del conocimiento...

## Competitividad y gasto I+D

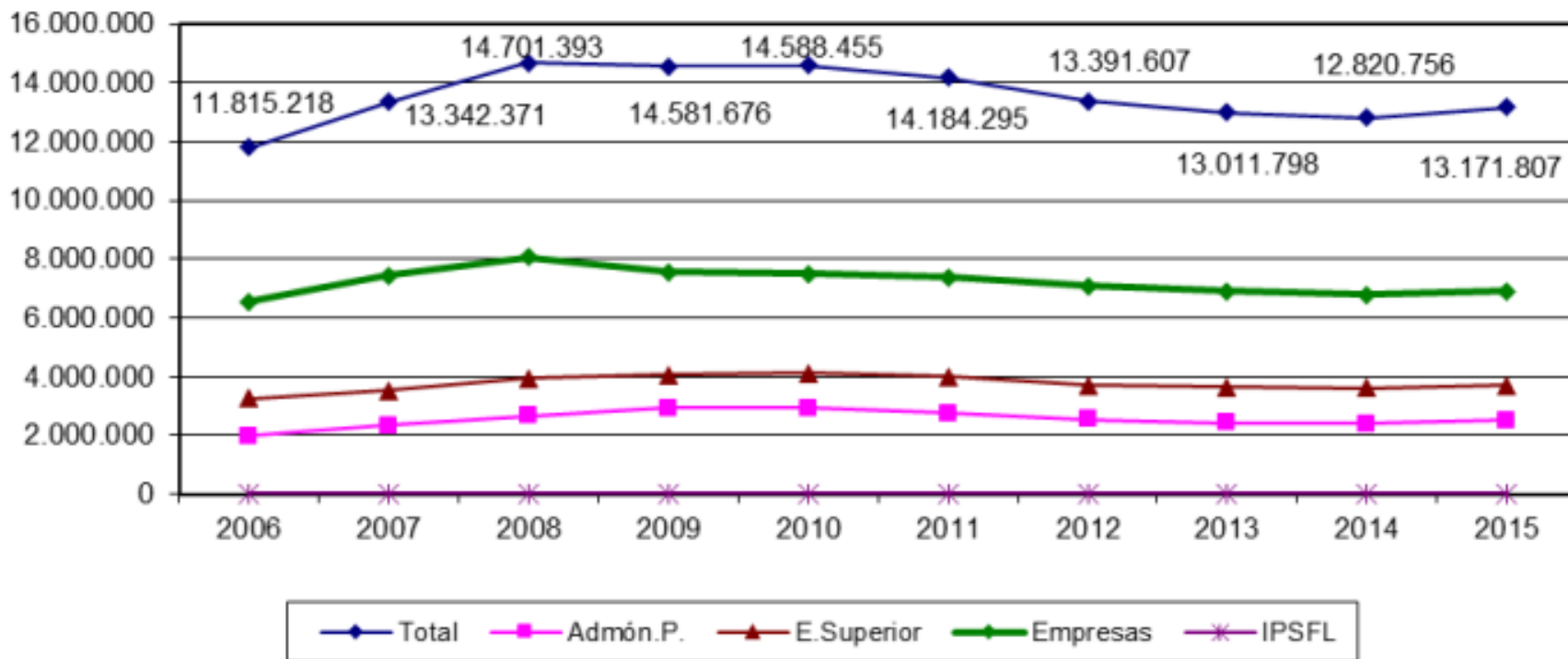


El aumento **en inversión en I+D+i** es **ALGUNO** de los factores de apoyo al crecimiento económico (y a la salida de la crisis → Economía basada en el conocimiento y valor añadido EU), **PERO** no el único.

# Algunos datos previos...

## Caso particular de España en cuanto a gasto I+D

Evolución del gasto en I+D (miles de euros)



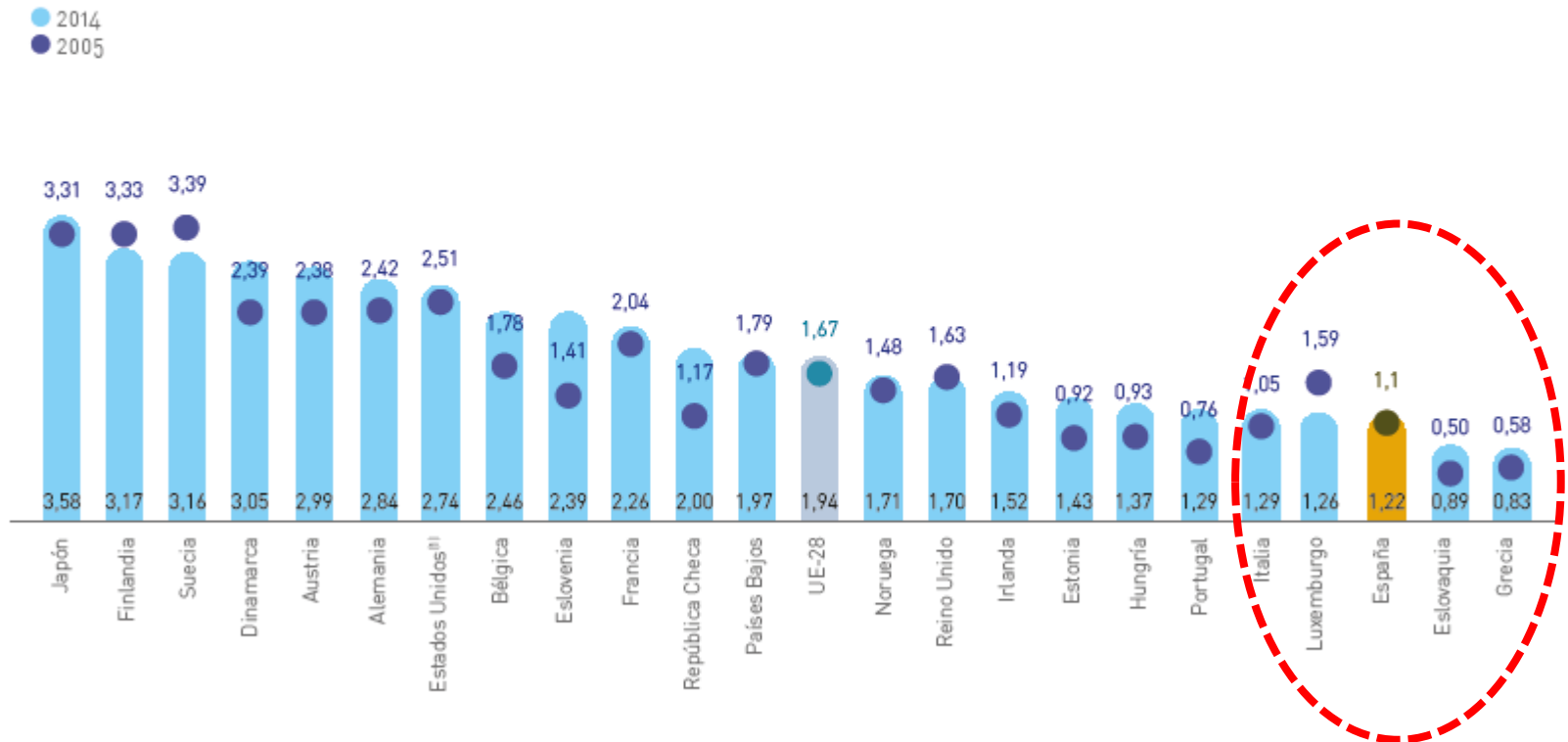
Ver “[Indicadores del Sistema Español de Ciencia, Tecnología e Innovación](#)”, Oct-2016

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## Caso particular de España en cuanto a gasto I+D

RECURSOS DESTINADOS A I+D EN LOS PAÍSES DE LA OCDE. 2005-2014

Gastos en I+D como porcentaje del PIB



(1) Dato de 2013.

Fuente: OCDE, Principales Indicadores de Ciencia y Tecnología.

Ver [“Indicadores del Sistema Español de Ciencia, Tecnología e Innovación”](#), Oct-2016



# Algunos datos previos...

## Caso particular de España en cuanto a gasto I+D

### GASTOS INTERNOS TOTALES EN I+D POR COMUNIDADES AUTÓNOMAS. 2005-2014

Euros por número de habitantes

Comunidades autónomas	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Andalucía	134,7	153,2	183,6	188,4	191,4	208,0	197,4	176,6	175,4	174,7
Aragón	175,1	205,3	226,7	263,7	275,9	278,5	239,6	233,3	223,4	226,4
Asturias (Principado de)	129,7	176,8	198,2	213,8	210,1	221,3	202,9	183,0	172,8	162,8
Baleares (Illes)	64,4	71,6	84,7	92,1	92,6	101,5	87,5	81,4	78,2	76,2
Canarias	114,2	132,4	135,6	133,8	117,4	124,4	117,2	101,1	96,3	91,1
Cantabria	92,4	173,9	205,2	242,3	254,0	267,7	239,7	213,4	187,0	173,7
Castilla y León	175,5	204,3	245,5	290,6	247,1	238,9	226,0	244,4	211,9	212,0
Castilla-La Mancha	66,8	80,2	106,8	129,6	114,6	122,1	123,3	109,8	96,7	93,4
Cataluña	331,5	369,4	402,2	445,5	441,0	431,6	413,6	399,0	397,7	397,0
Comunitat Valenciana	187,6	192,8	200,8	224,5	224,8	216,7	208,8	201,6	201,0	204,4
Extremadura	96,3	108,8	118,8	143,3	141,0	137,9	130,3	116,5	118,0	106,1
Galicia	148,8	164,5	202,3	211,7	189,3	191,8	189,9	176,4	170,2	174,2
Madrid (Comunidad de)	492,7	569,0	582,5	619,4	613,7	603,8	587,1	534,3	537,3	519,4
Murcia (Región de)	127,4	140,8	176,2	170,1	166,7	175,9	160,2	155,9	153,8	159,7
Navarra (Comunidad Foral)	438,8	531,3	547,5	576,7	616,2	576,0	601,1	542,2	497,9	493,2
País Vasco	390,9	449,6	565,6	621,0	618,7	598,6	639,7	656,5	611,9	603,3
Rioja (La)	147,0	246,4	288,8	254,4	266,4	265,4	254,8	216,5	193,4	227,2
Ceuta y Melilla	24,7	36,8	42,2	42,5	42,1	22,6	19,0	18,0	16,3	17,1
Total	233,5	266,3	295,0	319,7	314,5	313,3	303,5	286,4	279,2	276,0

Fuente: INE, Estadística sobre actividades de I+D y Cifras de Población y Censos Demográficos (población a 1 de julio).

Ver “[Indicadores del Sistema Español de Ciencia, Tecnología e Innovación](#)”, Oct-2016

# Algunos datos previos...

## Caso particular de España en cuanto a gasto I+D

### GASTOS INTERNOS TOTALES EN I+D POR COMUNIDADES AUTÓNOMAS Y SECTOR DE ACTIVIDAD. 2014

Miles de euros corrientes

Comunidades autónomas	Administración Pública	Enseñanza Superior	Empresas	IPSFL
Andalucía	302.498	631.154	529.978	2.109
Aragón	65.149	64.702	170.892	53
Asturias (Principado de)	26.808	55.764	88.901	138
Balears (Illes)	30.029	43.304	11.791	211
Canarias	62.041	95.132	35.612	209
Cantabria	18.974	..	36.001	..
Castilla y León	49.066	194.223	283.280	251
Castilla-La Mancha	24.309	50.518	118.197	14
Cataluña	591.281	666.337	1.672.072	8.040
Comunitat Valenciana	123.167	474.409	412.819	957
Extremadura	24.509	65.567	25.875	58
Galicia	69.720	180.197	227.243	118
Madrid (Comunidad de)	857.166	610.103	1.840.574	4.500
Murcia (Región de)	32.386	101.421	99.812	74
Navarra (Comunidad Foral)	25.375	..	216.137	..
País Vasco	91.750	237.857	975.297	1.375
Rioja (La)	14.407	17.550	39.339	73
Ceuta y Melilla	..	..	..	..
Total	2.408.695	3.606.171	6.784.311	21.580

Nota: “..” Dato protegido por secreto estadístico.  
Fuente: INE, Estadística sobre actividades de I+D.

Ver “[Indicadores del Sistema Español de Ciencia, Tecnología e Innovación](#)”, Oct-2016

# Algunos datos previos...

## Caso particular de España en cuanto a gasto I+D

### GASTOS INTERNOS TOTALES EN I+D POR COMUNIDADES AUTÓNOMAS. 2005-2014

En porcentaje del PIB regional

Comunidades autónomas	2005	2006	2007	2008	2009 <sup>(1)</sup>	2010	2011	2012 <sup>(2)</sup>	2013	2014
Andalucía	0,84	0,89	1,02	1,03	1,10	1,21	1,15	1,05	1,04	1,03
Aragón	0,79	0,87	0,90	1,03	1,12	1,13	0,95	0,93	0,90	0,91
Asturias (Principado de)	0,70	0,88	0,92	0,97	1,01	1,06	0,96	0,89	0,86	0,80
Baleares (Illes)	0,27	0,29	0,33	0,36	0,38	0,43	0,36	0,34	0,33	0,32
Canarias	0,58	0,65	0,64	0,63	0,59	0,63	0,58	0,51	0,50	0,46
Cantabria	0,45	0,79	0,88	1,01	1,17	1,23	1,08	0,98	0,91	0,83
Castilla y León	0,89	0,97	1,10	1,27	1,15	1,11	1,03	1,12	0,99	0,98
Castilla-La Mancha	0,41	0,47	0,60	0,72	0,63	0,69	0,70	0,64	0,53	0,51
Cataluña	1,35	1,42	1,48	1,62	1,70	1,66	1,56	1,51	1,50	1,47
Comunitat Valenciana	0,98	0,95	0,95	1,05	1,11	1,07	1,03	1,01	1,02	1,02
Extremadura	0,68	0,72	0,74	0,86	0,90	0,88	0,84	0,77	0,76	0,67
Galicia	0,87	0,89	1,03	1,04	0,94	0,94	0,93	0,87	0,86	0,87
Madrid (Comunidad de)	1,81	1,96	1,92	2,02	2,05	2,05	1,98	1,82	1,75	1,68
Murcia (Región de)	0,73	0,76	0,91	0,86	0,87	0,92	0,84	0,83	0,84	0,86
Navarra (Comunidad Foral)	1,68	1,91	1,88	1,94	2,19	2,04	2,08	1,91	1,79	1,75
País Vasco	1,48	1,58	1,87	1,98	2,13	2,03	2,11	2,19	2,09	2,03
Rioja (La)	0,66	1,04	1,16	1,01	1,08	1,07	1,02	0,87	0,79	0,91
Ceuta y Melilla	0,13	0,36	0,20	0,20	0,22	0,12	0,11	0,11	0,09	0,09
Total	1,12	1,20	1,27	1,35	1,39	1,39	1,33	1,30	1,24	1,23

(1) Desde el año 2009, PIB base 2008.

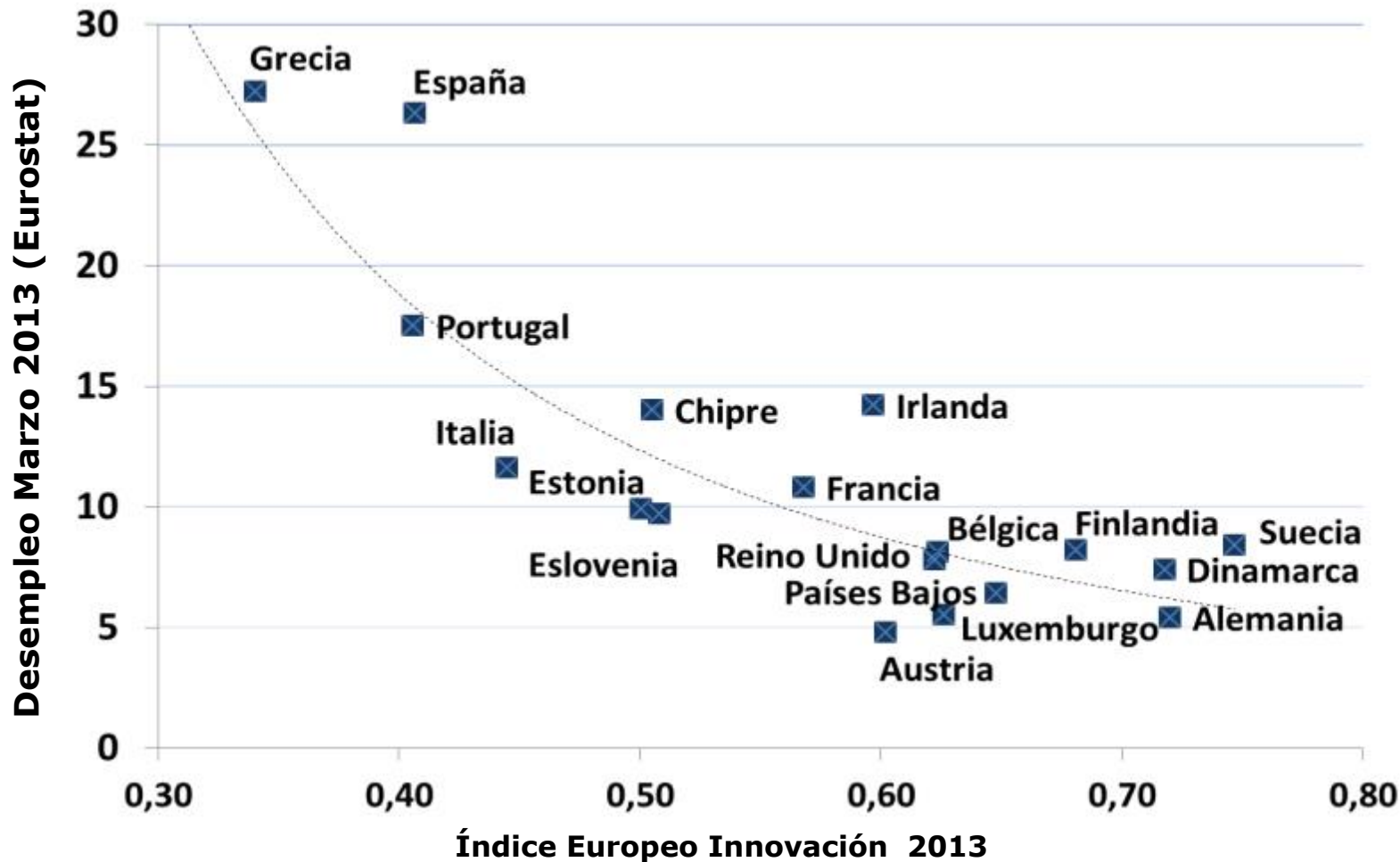
(2) Desde el año 2012, PIB base 2010.

Fuente: INE, Estadística sobre actividades de I+D.

Ver “[Indicadores del Sistema Español de Ciencia, Tecnología e Innovación](#)”, Oct-2016

## Innovación y salida de la crisis: Existe alguna correlación?

\*Fuente : Guillermo Dorronsoro (Escuela de Negocios de Deusto)



# Análisis de fortalezas y debilidades del sistema de I+D+i Español

Peer Review to the Spanish R&D&Innovation System (finales 2014).

[http://www.mineco.gob.es/stfls/MICINN/Prensa/FICHEROS/2014/140801\\_final\\_report\\_public\\_version.pdf](http://www.mineco.gob.es/stfls/MICINN/Prensa/FICHEROS/2014/140801_final_report_public_version.pdf)

Algunos aspectos interesantes:

- ❑ No está demostrado que el incremento del gasto público en I+D lo solucione todo, sino **es más importante gastar bien!**
- ❑ **Clave:** Incremento del gasto privado en I+D+i → No es tanto cuestión de incrementar el gasto público, sino como de mejorar los incentivos fiscales a las empresas. P.e.: Contratación de investigadores por parte de empresas...
- ❑ “Desfuncionarizar” la carrera investigadora e introducir **mérito y competencia en el sistema**, obligar a rendir cuentas y evaluar resultados, racionalizar número de centros universitarios, carreras, etc... → En general, en el sistema español **NO se miden los resultados...**
- ❑ España adolece de **falta de clústers realmente innovadores** o en sectores de alta tecnología... → **Oportunidad para el “FOMENT” como motivador/motor, entidad de puesta en común, networking...**



## Actualización del informe sobre España: European Semester 2016



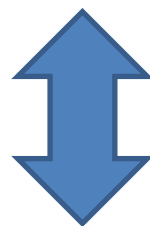
- ❑ "Spain's R&D intensity (public and private spending) is losing ground (lowest level since 2007), with Spain's innovation performance also falling"
- ❑ "Available evidence also points to **weak cooperation between the public and business R&I sector** with poor incentives for research performance, and to duplications and **gaps between national and regional** research and innovation programmes."

**Filosofía de H2020...**





El principal programa europeo de I+D+i para el período 2014-2020 se llama H2020 y supone la continuación del 7º Programa Marco... en algunos aspectos, solamente!



Sería el equivalente al Plan Nacional de I+D a nivel estatal... aunque H2020 incluye aspectos de innovación (entre otros).





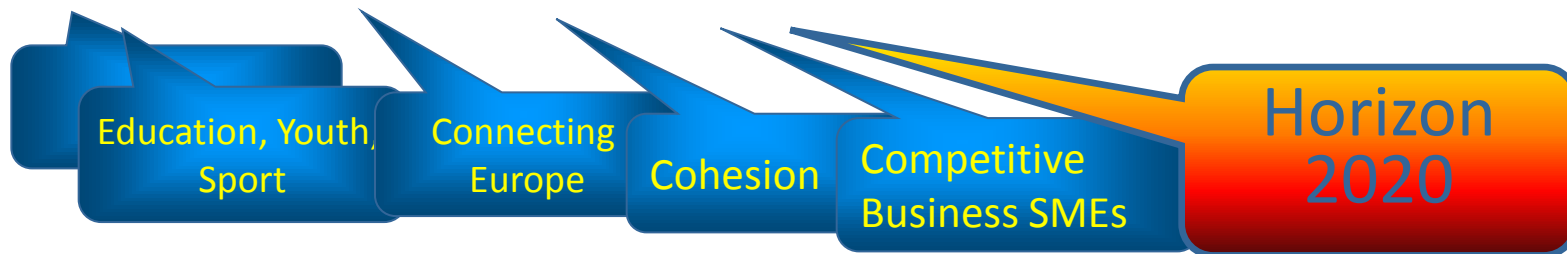
Spreading excellence

Science for & with Society

# Marco Financiero Multianual 2014-2020

Reto clave: establecer el marco económico y financiero y adoptar medidas para crear oportunidades económicas

## 1. Crecimiento Inteligente e Inclusivo(€491bn)



## 2. Crecimiento sostenible, recursos naturales (€383bn)

## 3. Seguridad y ciudadanía (€18.5bn)

## 4. Europa Global (€70bn)

## 5. Administración (€62.6bn)

**Total:  
€ 1,025bn**

**\*A finales Dec-2016 la EC tiene que hacer una estimación del MFF para el próximo periodo que empieza a partir de 2021.**

# Marco Financiero Multianual 2014-2020

Hasta el momento, los MFFs habían sido...

- 1988-1992: Delors I (5 years)
- 1993-1999: Delors II (7 years)
- 2000-2006: Agenda 2000 (7 years)
- 2007-2013: Building our common future (7 years)
- **2014-2020: Investing in Europe's future (7 years)**



## ATENCIÓN EMPRESAS!!!

### ¿Qué mejoras generales incluye H2020 en la segunda parte?

- ❑ Conjunto **único de normas de participación** más simples y más coherentes y nuevos instrumentos de financiación
- ❑ Pasar de varios **porcentajes de financiación** para diferentes beneficiarios y actividades a **sólo dos: 100% & 70%**
- ❑ Substitución de los cuatro métodos para calcular los costes indirectos por una **única “flat rate”**
- ❑ Nuevos instrumentos más ágiles para empresas → SMEs, FTI...
  - ❑ Reducción en **el tiempo promedio** para la obtención de la subvención a **5 meses + 3 meses desde el deadline** (el promedio actual en el FP7 era 1 año). → **NO MÁS NEGOCIACIONES...**



## Algunos aspectos importantes en H2020 en esta segunda parte...

- La cadena de I+D+i va desde investigación básica, pasando por desarrollo tecnológico, demostración, **valorización de los resultados innovadores y piloto cerca de mercado**
- Potenciar el **empleo de jóvenes científicos así como de emprendedores**
- Mayor coordinación con los **FONDOS ESTRUCTURALES (RIS3)**.

Proyectos orientados a testear soluciones a problemas reales:

- Consorcios **multidisciplinares & multi-actor**.
- Cobertura de todo el ciclo: **Desde investigación aplicada a mercado** (pilot pre-comercial o pre-operacional) → Énfasis en proyectos de Innovación: Demostradores, puesta en marcha de pilotos, compra pública, estándares,...

# Orientación de la Comisión Europea con el Presidente Juncker





# Orientación de la Comisión Europea con el Presidente Juncker

 EUROPEAN COMMISSION  
Towards the Juncker Commission

European Commission > About the European Commission > Towards the Juncker Commission > 10 Priorities

## Section contents

## 10 Priorities

- > Jobs, Growth, Investment
- > Digital Single Market
- > Energy Union
- > Internal Market
- > Economic & Monetary Union
- > Free Trade
- > Justice & Fundamental Rights
- > Migration
- > A Global Actor
- > Democratic Change
- > More on my priorities



### A New Boost for Jobs, Growth and Investment

My first priority as Commission President will be to strengthen Europe's competitiveness and to stimulate investment for the purpose of job creation. I intend to present, within the first three months of my mandate and in the context of the Europe 2020 review, an ambitious Jobs, Growth and Investment Package worth €300 billion .



### A Connected Digital Single Market

I believe that we must make much better use of the great opportunities offered by digital technologies, which know no borders. To do so, we will need to have the courage to break down national silos in telecoms regulation, in copyright and data protection legislation, in the management of radio waves and in the application of competition law.



### A Resilient Energy Union with a Forward-Looking Climate Change Policy

dependency of several of our Member States.

Current geopolitical events have forcefully reminded us that Europe relies too heavily on fuel and gas imports. I therefore want to reform and reorganise Europe's energy policy into a new European Energy Union. We need to pool our resources, combine our infrastructures and unite our negotiating power vis-à-vis third countries. We need to diversify our energy sources, and reduce the high energy



### A Deeper and Fairer Internal Market with a Strengthened Industrial Base

# Orientación de la Comisión Europea con el Presidente Juncker

## Section contents

- › Jobs, Growth, Investment
- › Digital Single Market
- › Energy Union
- › Internal Market
- › Economic & Monetary Union
- › Free Trade
- › Justice & Fundamental Rights
- › Migration
- › A Global Actor
- › Democratic Change
- › More on my priorities



## A Deeper and Fairer Economic and Monetary Union

Over the next five years, I want to continue with the reform of our Economic and Monetary Union to preserve the stability of our single currency and to enhance the convergence of economic, fiscal and labour market policies between the Member States that share the single currency. I will do this on the basis of the "Four Presidents Reports" and the Commission's Blueprint for a Deep and Genuine Economic and Monetary Union, and always with Europe's social dimension in mind.



## A Reasonable and Balanced Free Trade Agreement with the U.S.

Under my presidency, the Commission will negotiate a reasonable and balanced trade agreement with the United States of America, in a spirit of mutual and reciprocal benefits and transparency. It is anachronistic that, in the 21st century, Europeans and Americans still impose customs duties on each other's products.

These should be swiftly and fully abolished. I also believe that we can go a significant step further in recognising each other's product standards or working towards transatlantic standards



## An Area of Justice and Fundamental Rights Based on Mutual Trust

Our European Union is more than a big common market. It is also a Union of shared values, which are spelled out in the Treaties and in the Charter of Fundamental Rights. Citizens expect their governments to provide justice, protection and fairness with full respect for fundamental rights and the rule of law.

This also requires joint European action, based on our shared values.



## Towards a New Policy on Migration

The recent terrible events in the Mediterranean have shown us that Europe needs to manage migration better, in all aspects. This is first of all a humanitarian imperative. I am convinced that we must work closely together in a spirit of solidarity to ensure that situations such as the one in Lampedusa never arise again.



## A Stronger Global Actor

We need a stronger Europe when it comes to foreign policy. The Ukraine crisis and the worrying situation in the Middle East show how important it is that Europe is united externally. There is still a long way to go.



## A Union of Democratic Change

The proposal and election of the President of the European Commission in the light of the outcome of the European Parliament elections is certainly important, but only a first step in making the European Union as a whole more democratic. A European Commission under my leadership will be committed to filling the special partnership with the European Parliament, as laid down in the Framework Agreement of 2010,

with new life. I want to have a political dialogue with you, not a technocratic one.



## De cara a los programas 2018-2020...

### Algunos topics están conceptualmente agrupados en FOCUS AREAS

- Small number of missions which cut across programme boundaries
- Align with major political or policy drivers
- Endowed with a substantial budget for work of sufficient scale, depth and breadth
- Expected to create an exceptional impact, addressing big ticket challenges
- Conceived as 'virtual calls', linking topics from parts of H2020 with a new rationale = unlocking new types of impact

## De cara a los programas 2018-2020...

### A parte de cada programa temático existen unas FOCUS AREAS

- Personalising health and care
- Sustainable food security
- Blue growth: unlocking the potential of seas and oceans
- Smart cities and communities
- Competitive low-carbon energy
- Energy Efficiency
- Mobility for growth
- Waste: a resource to recycle, reuse and recover raw materials
- Water innovation: boosting its value for Europe
- Overcoming the crisis:
- Disaster-resilience
- Digital security

- Industry 2020 in the Circular Economy
- Internet of Things
- Smart and Sustainable Cities
- Sustainable Food Security – Resilient and resource-efficient value chains
- Energy Efficiency
- Digital Security
- Blue Growth - Demonstrating an ocean of opportunities
- Competitive Low-carbon Energy
- Automated Road Transport – The New Frontier

12 focus areas  
in WP 14-15

4 focus areas  
in WP 18-20

9 focus areas  
in WP 16-17

- Building a **low-carbon, climate resilient** future
- Connecting economic and environmental gains – the **Circular Economy**
- **Digitising** and transforming **European industry** and services
- Boosting the effectiveness of the **Security Union**

# De cara a los programas 2018-2020...

## Focus Area: Building a low-carbon, climate resilient future

**Budget: ca. €2,900m**

### Mission

- ✓ Operationalisation of Paris Agreement (PA) goals
- ✓ Accelerated transformation towards carbon neutrality
- ✓ Enhanced climate resilience in Europe and beyond
- ✓ Long term mitigation and adaptation policy planning, deployment of technology to reduce emissions, and enhanced climate change resilience in developing countries

### Component

- ✓ Key enabling technologies for decarbonisation, including for the construction sector
- ✓ Earth observation for CO<sub>2</sub> monitoring & climate services
- ✓ Climate resilience of agri-food, marine and aquatic sectors
- ✓ Decarbonisation of the energy system; underpinning the 'Energy Union Research, Innovation and Competitiveness Strategy (EURICS)'
- ✓ Decarbonisation of the whole transport system
- ✓ Scientific knowledge in support of the PA goals & IPCC process
- ✓ Solutions for climate adaptation and resilience

### Source

- ✓ LEIT-NMBP
- ✓ LEIT-Space
- ✓ SC - Food
- ✓ SC - Energy
- ✓ SC - Transport
- ✓ SC -Environment



# De cara a los programas 2018-2020...

2

## Focus Area: Connecting economic and environmental gains – the Circular Economy

**Budget: ca. €800m**

### Mission

- ✓ Measureable reductions in waste, environmental pollution and greenhouse gas emissions; transforming recyclable waste into a flourishing market of secondary raw materials;
- ✓ Sustaining and making use of natural cycles;
- ✓ Competitive advantages for existing businesses;
- ✓ New businesses opportunities, including disruptive innovation;
- ✓ Security of raw materials supply.

### Component

- ✓ Industrial solutions serving circular economy approaches
- ✓ Bio-economy aspects of the circular economy
- ✓ Reuse of CO2
- ✓ Transition to circular economy business models and practices
- ✓ Sustainable sourcing of raw materials, also from secondary sources

### Source

- ✓ LEIT-NMBP
- ✓ SC - Food
- ✓ SC - Energy
- ✓ SC - Environment



# De cara a los programas 2018-2020...

3

## Focus Area: Digitising and transforming EU industry & services

**Budget: ca. €1600m**

### Mission

- ✓ Enabling all sectors and application areas to adapt, transform and benefit from digitisation, notably by allowing also smaller and newer players to capture value
- ✓ Develop industrial strategies, incl. new business models
- ✓ Connect to member states and regions, for synergies/align R&I agendas
- ✓ Removing barriers for innovation enabled by digitisation

### Component

- ✓ Innovation hubs
- ✓ Cross-sectorial and integrated digital platforms and large-scale pilots for experimentation and co-creation with users

### Source

- ✓ LEIT-ICT
- ✓ LEIT-NMBP
- ✓ LEIT-Space
- ✓ SC - Health
- ✓ SC - Food
- ✓ SC - Energy
- ✓ SC - Transport
- ✓ SC - Environment





# Timing...



**Oportunidades en el ámbito  
de “Food Security,  
Agriculture, Marine  
Research”...**



# Sustainable Food Security

## From functional ecosystems to healthy food

- Benefits of (bio)diversity and other ecosystems services
- Plant protection
- Animal health and breeding
- Microbiome
- Personalized Nutrition
- Alternative Proteins
- Food Systems

## Environment and Climate-smart food production and consumption

- Climate Smart Farming
- Soil
- Water
- Livestock
- Cities/waste

## Building capacities

- Food Cloud
- Managing and using Plant Genetic Resources
- Variety testing
- Underpinning research for plant and animal production
- ERA NETs

## Targeted InCo

- Africa
  - Sustainable intensification
  - Food Systems
  - Small bio-based concepts
- China
  - Food safety
  - Soil and land management
  - Fertilisers



# Rural Renaissance

## From farm to society: dynamics, modernising policies

## Organising food/non-food value chains under changing conditions

## Digital revolution

## Innovation/Human capital

- Rural foresight
- Science-policy-society interface
- Agri-environment: new approaches
- Food territorial governance
- Modelling

- Nutrient cycles
- Regional dimension
- Small bioeconomy
- New value chains
- Food losses
- Wood value chains

- Digital innovation Hubs
- Platforms
- Socio-economic impacts
- Applications for advisors
- E-tools for policy

- Networks (thematic, advisors, demo farms, IPM)
- Consumer/producer connections
- Agri-research Observatory



## Blue Growth

### Climate

- Baltic/North Sea
- ERANETs

### Sustainable food chains

- Fisheries
- Aquaculture

### De-risking Investments

- Microbiome
- Multi-purpose platforms

### Territories

- Bio-based plastics

### InCo

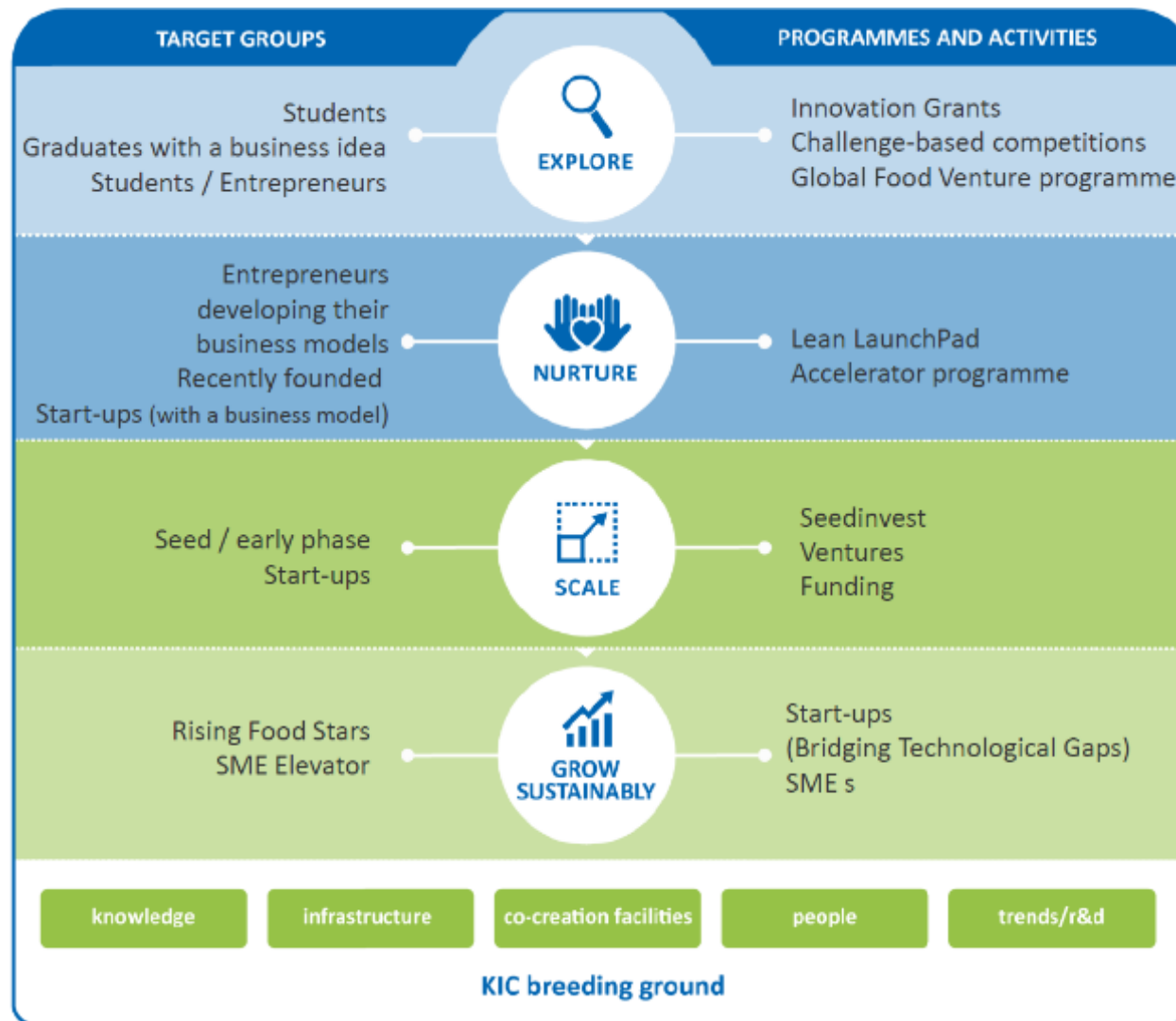
- South Atlantic
  - Black Sea
  - Blue Cloud



# Iniciativas paralelas en Food... EIT Food



# Iniciativas paralelas en Food... EIT Food





## Innovation Projects



### Solution push

Collaborative  
“solution-driven”  
projects.

Designed to create  
new business models and  
products.



### Market pull

Collaborative “by  
design” projects.

Designed to satisfy a  
consumer/market  
need or a societal problem.



### Fast track

Projects aimed to  
evaluate emerging  
opportunities

(e.g. from Horizon scanner),  
high risk/high gain projects.

Soon more information under: <https://eit.europa.eu/eit-community/eit-food>



# Art.185 PRIMA, Partnership for Research and Innovation in the Mediterranean Area...

Iniciativa que se podrá en marcha en 2018 sobre el Mediterráneo y que pretende impulsar la investigación aplicada en el Mediterráneo en tres temáticas concretas:

- ❑ **Gestión sostenible del agua** en áreas áridas y semi-áridas;
- ❑ **sistemas agrícolas sostenibles** bajo los condicionantes climáticos y geográficos del Mediterráneo; e
- ❑ ideas para la implementación de **cadena alimentarias** que permitan un desarrollo local y regional eficiente y sostenible.



SRIA en publicación y puesta en marcha de una consulta pública sobre la misma!

# Art.185 PRIMA, Partnership for Research and Innovation in the Mediterranean Area...

## PILAR 1

### MAIN ACTIONS

Research, networking, capacity building, adoption of innovative sustainable technologies (in particular low-cost and low-inputs technologies)

### THEMES/TOPICS TO BE ADDRESSED:

- Water resources availability and quality within catchments and aquifers
- Sustainable, integrated water management
- Irrigation technologies and practice
- Use of alternative water resources. Technologies and governance models.

# Art.185 PRIMA, Partnership for Research and Innovation in the Mediterranean Area...

## PILAR 2

### MAIN ACTIONS

Research, pilot studies, long-term trials, adoption of innovative sustainable technologies

### THEMES/TOPICS TO BE ADDRESSED:

- Adaptation to climate change, to drought and extreme events
- Developing Sustainable productive eco-systems
- Preventing the emergence of animal and plant diseases
- Developing farming systems able to generate income, to create employment and to contribute to a balanced territorial development.

# Art.185 PRIMA, Partnership for Research and Innovation in the Mediterranean Area...

## PILAR 3

### MAIN ACTIONS

Research and innovation, stakeholder engagement, networking, capacity building, research to support public policies, SME partnership

### THEMES/TOPICS TO BE ADDRESSED:

- Valorisation of the nutritional qualities of Mediterranean foods and development of new healthy food products
- Enhancement of the links between nutrition and health
- Enhancement of organisation and coordination in the food chains
- Involvement of rural and industrial stakeholders to ensure both food security and regional development
- Promote the adoption of organisational innovations and more sustainable business models among firms

# Art.185 PRIMA, Partnership for Research and Innovation in the Mediterranean Area...



COORDINATION and SUPPORT for the PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA

HOME ABOUT ▾ STAKEHOLDERS ▾ STRATEGIC RESEARCH AGENDA ▾ DISSEMINATION ▾ LINKS CONTACT US

## STRATEGIC RESEARCH AND INNOVATION AGENDA (SRIA)

Home » Strategic Research Agenda

A first draft version for PRIMA Strategic Research and Innovation Agenda (SRIA) has been jointly defined by 4PRIMA partners based on an initial broad consultation of relevant stakeholders. The SRIA aims at enabling the prioritization of 8 objectives to be pursued by PRIMA:

1. Smart and sustainable farming;
2. Water-saving solution;
3. Nutrition/Mediterranean diet;
4. Food and Water chain efficiency;
5. Reduction of impact of pest and pathogens in farming;
6. Innovative business models in agri-food industry;
7. Land and water sustainability in arid and semi-arid watersheds;
8. Policies and governance of water management systems

In order to better define the main technical and implementation features of the initiative, the opinion of PRIMA Stakeholders is highly appreciated. **To this purpose, the PRIMA SRIA Public Survey is opened from 2 May 2017 to 31 May 2017. It can be filled online in 10 mins - [click here](#)**

The survey makes reference to the draft of the PRIMA SRIA, [available for download here](#).

Thanks for your valuable contribution

# Food 2030 - Political Opportunity



## Juncker Priorities

10 priorities

01		A new board for jobs, growth and investment.	06		A reasonable and balanced free trade agreement with the United States.
02		A connected digital single market.	07		An area of justice and fundamental rights based on mutual trust.
03		A resilient energy Union with a forward-looking climate change policy.	08		Towards a new policy on migration.
04		A deeper and fairer internal market with a strengthened industrial base.	09		Europe as a stronger global actor.
05		A deeper and fairer Economic and Monetary Union (EMU).	10		A Union of democratic change.

## Sustainable Development Goals

THE GLOBAL GOALS For Sustainable Development

## COP21+



World Food Day 2017

**Climate is changing.**  
**Food and agriculture are too.**

## IPCC

IPCC | 14 April 2016 | 14:52

The IPCC's priorities for the next six years: 1.5C, oceans, cities and food security<sup>53</sup>





## FOOD 2030 - Priorities



**NUTRITION** for sustainable and healthy diets



**CLIMATE** smart and environmentally sustainable food systems



**CIRCULARITY** and resource efficiency of food systems




**INNOVATION** and empowerment of communities



# FOOD 2030 - Drivers



-  **Research breakthroughs** → ICT, Food systems science & transdisciplinarity
-  **Innovation and Investment** → Regional, Private sector collaboration, open innovation
-  **Open Science**-> Open access and data sharing; engagement, education & skills
-  **International collaboration** → Partnering with Member States, International Bio-economy Forum

## Relevant events...

- ❑ EU Parliament Event on Food-2030, **7 June 2017**
- ❑ FOOD 2030 R&I Conference, **World Food Day – 16 Oct 2017**
- ❑ Bioeconomy Week, **14-17 Nov 2017**
- ❑ 2nd FOOD-2030 High Level Event under Bulgarian Presidency, **2018**

## Horizon 2020 Societal Challenge 2 Infoweek including high-level policy events

Published on 31/03/2017

**Date:** From 14/11/2017 to 17/11/2017  
**Venue:** Brussels

Infoday, brokerage, dissemination with a focus on digitisation and a bioeconomy policy event - all in one week!

The Research Executive Agency (REA), the Directorate-General for Research and Innovation (DG RTD) and the Directorate-General for Agriculture and Rural Development (DG AGRI) of the European Commission are co-organising an Info Week on Horizon 2020 Societal Challenge 2 (SC2) 'Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy'.

The usual SC2 Info Day on the new SC2 Work Programme for 2018-2020 and a related brokerage day will be complemented by two high level dissemination and policy events and a bioeconomy village highlighting SC2 projects and initiatives.

The event will take place in Brussels on 14-17 November 2017 and will be organised as follows:

### **H2020 SC2 Info day – 14 November**

The event targets potential applicants to the calls for proposals under the H2020 SC2 'Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy'. The Work Programme for 2018-2020 and the new funding opportunities under SC2 2018 calls for proposals will be presented in the morning, whereas in-depth info sessions on various calls under the Work Programme will be held in the afternoon.

### **H2020 SC2 Brokerage event – 15 November**

Following the Info Day, a corresponding brokerage event will be organised by the EU-funded BioHorizon project. The purpose of the event is to support potential applicants in finding potential partners for future applications under the upcoming SC2 calls for proposals.

### **H2020 Bioeconomy day – 16 November**

The Commission will present its review of the European Bioeconomy Strategy and Action Plan, documented as a Staff Working Document, and discuss its findings with stakeholders and policy makers. Furthermore, the European Bioeconomy Stakeholders Panel will present and discuss its Bioeconomy Manifesto, setting out a societal agenda for bioeconomy development. These discussions will reflect both on the experiences gained over the past four years with Bioeconomy Strategy and Action Plan, and on the possible need for new actions.

### **H2020 Digitisation day – 17 November**

The Digitisation day aims at gathering representatives of the farming and agri-food sectors, digital technology providers, as well as scientists and national and regional policy makers to discuss and exchange views on different EU policy initiatives on digitisation of farming and food sectors and of research and innovation activities contributing to these areas.

### **H2020 Blue Growth - A parallel session will highlight achievements and projects in marine and maritime research for Blue Growth.**

Bio-National Contact Points will be invited to meet ahead of the InfoWeek on 13 November 2017.

**Oportunidades  
en el ámbito de “Energy”...**

# OVERVIEW of ACTIONS for 2018-2020

**ENERGY EFFICIENCY**

**GLOBAL LEADERSHIP IN RENEWABLES**

**ENERGY SYSTEM**

**SMART CITIES AND COMMUNITIES**

**TRANSFORMING THE ENERGY SECTOR THROUGH DIGITISATION**

**ENABLING NEAR-ZERO CO2 EMISSION FROM FOSIL FUEL POWER PLANTS  
AND CARBON INTENSIVE INDUSTRIES**

**JOINT ACTIONS AMONG COUNTRIES**

**CROSS-CUTTING ISSUES**

# SUB-AREA ENERGY EFFICIENCY

**Smart and clean energy for consumers**

**Upgrading buildings`energy performance and smartness**

**Energy efficiency industry and services**

**Energy Efficiency is an investment**

**Energy Efficiency is as energy source**

**Support for policy-driven innovations**



# Sub-Area Smart Cities & Communities

## □ Lighthouse projects

### Key issues (How?)

- Demo projects (living labs), district size, collaborating intensively in steadily growing Lighthouse group.
- Creation of energy smart communities that serve as seeding points for local energy transition
- Long-term plans/vision (2050 narrative) for decarbonising the energy system.

## □ Bankability of SCC plans

### Key issues (How?)

Bringing the financial planning of Sustainable Energy Action Plans (SEAP) or similar city-level energy plans to a level that makes them eligible for bankable project development assistance.



## Sub-Area Transforming the Energy Sector through Digitisation

- ❑ Internet of Things for energy: Interoperable smart homes & grids for consumer benefits
- ❑ Cybersecurity for the energy system
- ❑ Big Data & Energy Rationale
- ❑ 5G for the energy system





## Sub-Area Enabling Near-Zero CO<sub>2</sub> emission from fossil fuel power plants & carbon intensive industries

- ❑ Pilot demonstration of new and advanced capture technologies
- ❑ Strategic planning for CCS
- ❑ Conversion of captured CO<sub>2</sub>
- ❑ Demonstrating the full CCS chain at commercial scale
- ❑ Low carbon industrial production using full-chain CCU/CCS



## Sub-Area Cross-Cutting issues

- ❑ Social Sciences and Humanities (SSH) aspects of the Clean-Energy Transition
- ❑ European Platform for energy-related Social Sciences and Humanities (SSH) research
- ❑ Support for the opening of low-carbon energy research databases in Europe
- ❑ Research, innovation and educational capacities for energy transition
- ❑ Support to the activities of the SET-Plan ETIPs
- ❑ Building an European discussion group on Hydropower research and industrial value chain development



# 19-25 JUNE 2017 CLEAN ENERGY FOR ALL EUROPEANS

#EUSEW17    

## REGISTRATIONS OPEN FOR EUSEW 2017!

EUROPE'S LEADING CONFERENCE ON SUSTAINABLE ENERGY  
POLICY

## FROM THE NEWS/BLOG

- 18/05/2017  
[Three questions to Sparknews](#)

**Oportunidades  
en el ámbito de “Transport  
& Mobility”...**

## New Elements in the WP 2018-2020

- ❑ Increased flexibility for the last year 2020
- ❑ 4 Focus areas cutting across the whole WP, bringing together resources and efforts
- ❑ Significantly **reduced number of topics**
- ❑ Strengthened **International Cooperation** in areas such as:
  - ✓ Road vehicle automation and safety (most ART topics)
  - ✓ Safer and greener aviation in a smaller world (MG)
  - ✓ Reduction of transport impact on air quality (MG)
  - ✓ Urban mobility and sustainable electrification in large urban areas in developing and emerging economies (GV)
- ❑ Further emphasis on impact

## The WP 2018-2020 will contain 3 calls

- ❑ **Automation** – linked to the Focus Area "Digitising and transforming European industry and services"
- ❑ **Green Vehicles** – linked to the Focus Area "Building a low-carbon, climate resilient future"
- ❑ **Mobility for Growth** (structured in 4 cross-modal sections)



## For the Mobility for Growth call...

- Low carbon and sustainable transport**
- Safe, integrated and resilient transport systems**
- Global leadership and competitiveness**
- Accounting for the people**



## In addition... mobility is contributing to Blue Growth

In the WP 2018-2020 the contribution of the various parts of H2020 to Blue Growth, will appear in the respective work programme parts.

- ❑ Unmanned and autonomous survey activities at sea
- ❑ Ship emission control scenarios, marine environmental impact and mitigation





Event type | Conference

## Energy systems for smart mobility

The event will aim to present some innovative projects and solutions related to smart grid and mobility (new energy storage concepts and technologies). Specific solutions have to be designed today to anticipate the future developments of decarbonised transport since the need for energy will be growing fast in the near future. In that perspective, the projects that will be presented will help in providing key technical outputs towards the European Commission and show more generally how capitals in the EU address this issue.



The speakers will be :

- A representative of the European Commission (DG MOVE)
- Heads of units of local authorities in charge of clean energy for transport
- Experts/a CEO of a start up on new mobility solutions focused on different areas (e.g. public transport, urban freight and transport academics)

Participants will be invited to take part in Q&A sessions. ERRIN representatives will moderate the seminar.

WANT TO PARTICIPATE?

[REGISTER NOW](#)



### ADDITIONAL INFORMATION

- Date From: Thursday, June 22, 2017 | Starting at 10:00  
To: Thursday, June 22, 2017  
Ending at 12:00
- Location: [Rue du Trône, 98, Brussels, Belgium](#)

# WORKSHOP

STOA | SCIENCE AND TECHNOLOGY OPTIONS ASSESSMENT  
STS FORUM | SCIENCE AND TECHNOLOGY IN SOCIETY FORUM  
WITH THE SUPPORT OF  
JETRO | JAPAN EXTERNAL TRADE ORGANIZATION



Tuesday 30.05.2017 – 11:00 –  
PAUL-HENRI SPAAK BUILDING – YEHUDI M

Chair: **Eva KAILI**, MEP, Chair of STOA  
**Ramón Luis VALCÁRCEL SISO**, Vice-President responsible for STOA, European Parliament  
**Paul RÜBIG**, MEP, 1st Vice- Chair of STOA

- 11:00 - 11:15 Opening Remarks:

**Ramón Luis VALCÁRCEL SISO**, Vice-President responsible for STOA, European Parliament  
**Eva KAILI**, MEP, Chair of STOA  
**Koji OMI**, Founder and Chairman of STS forum  
**Kazuo KODAMA**, Ambassador Extraordinary and Plenipotentiary, Mission of Japan to the European Union

- 11:15 - 11:35 Keynote Speeches:

**Ryoji CHUBACHI**, President, National Institute of Advanced Industrial Science and Technology (AIST)  
**Cristina RUSSO**, Director for International Cooperation, Directorate-General Research and Innovation, European Commission  
**Harald KRÜGER**, Chief Executive Officer, BMW

- 11:35 - 12:35 Panel I: 'Sustainable Urban Mobility'

Chaired by **Vladimir ŠUCHA**, Director-General, Directorate-General Joint Research Centre, European Commission  
**Antoine AUBERT**, Director Public Policy EU Strategy, UBER Europe  
**Helmut FALLMANN**, Chief Executive Officer, FABASOFT AG  
**Takao KURAMOCHI**, Senior Deputy Director-General, Center for Research and Development Strategy, Japan Science and Technology Agency (JST)  
**Masato MA SAKI**, Deputy Director-General, Science and Technology Policy Bureau, Ministry of Education, Culture, sports, Science and Technology of Japan (MEXT)  
**Norihiro SUZUKI**, Vice President and Executive Officer, CTO, and General Manager of Research & Development Group, Hitachi, Ltd.  
**Ken-ichi TANAKA**, Executive Fellow, Corporate Research & Development Group, Mitsubishi Electric Corporation  
Speaker from T-Mobile\*

- 12:35 – 13:35

Lunch/Networking

## THE FUTURE 2<sup>nd</sup> High-Level Industrial



División  
Programas de la UE

**Oportunidades  
en el ámbito de “Health”...**



Traslación

Medicina Personalizada

Big data

# La base del próximo WP 2018-2020



Advice for 2018–2020 of the Horizon 2020 Advisory Group for Societal Challenge 1, "Health, Demographic Change and Well-being"

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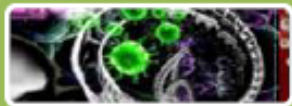
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# La base del próximo WP 2018-2020

## Temas priorizados



Personalised medicine



Rare Diseases



Infectious diseases



Non-communicable diseases



Paediatrics



Public health & Prevention (includ. Migration)



Active and Healthy Ageing



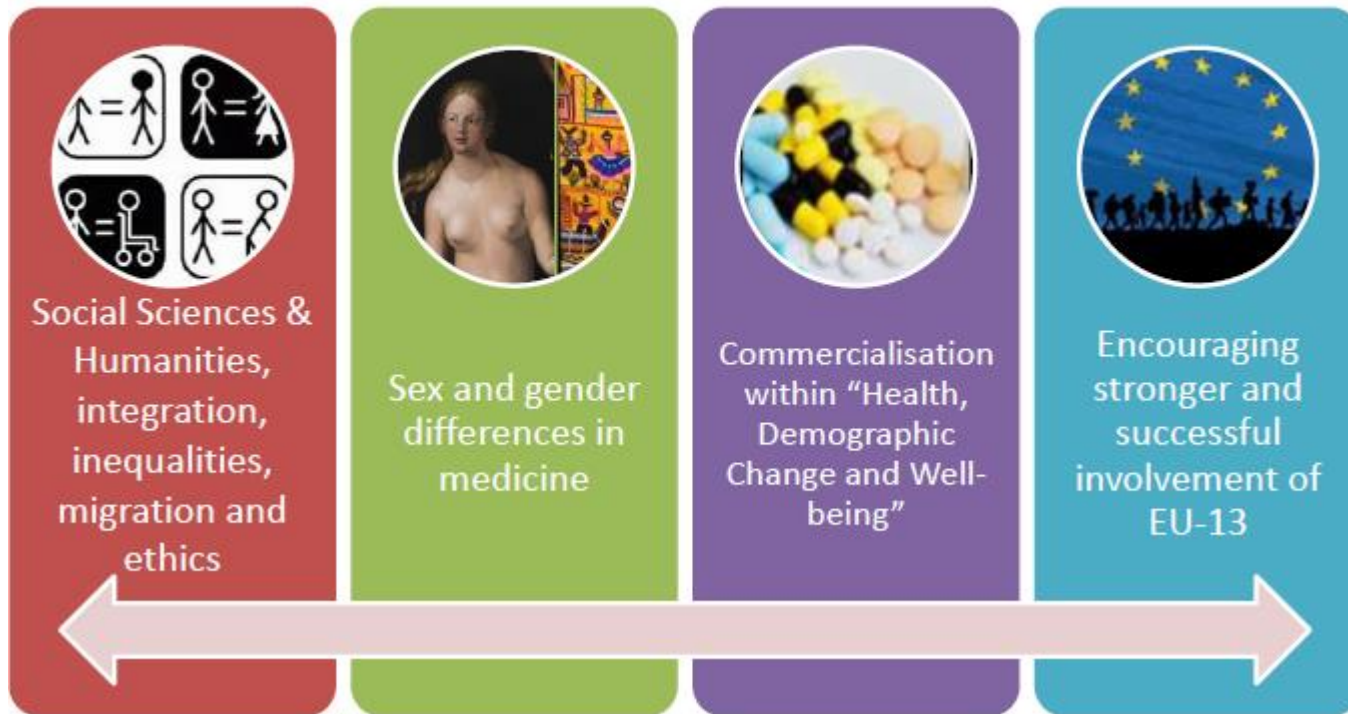
# La base del próximo WP 2018-2020

## Aspectos horizontales esenciales

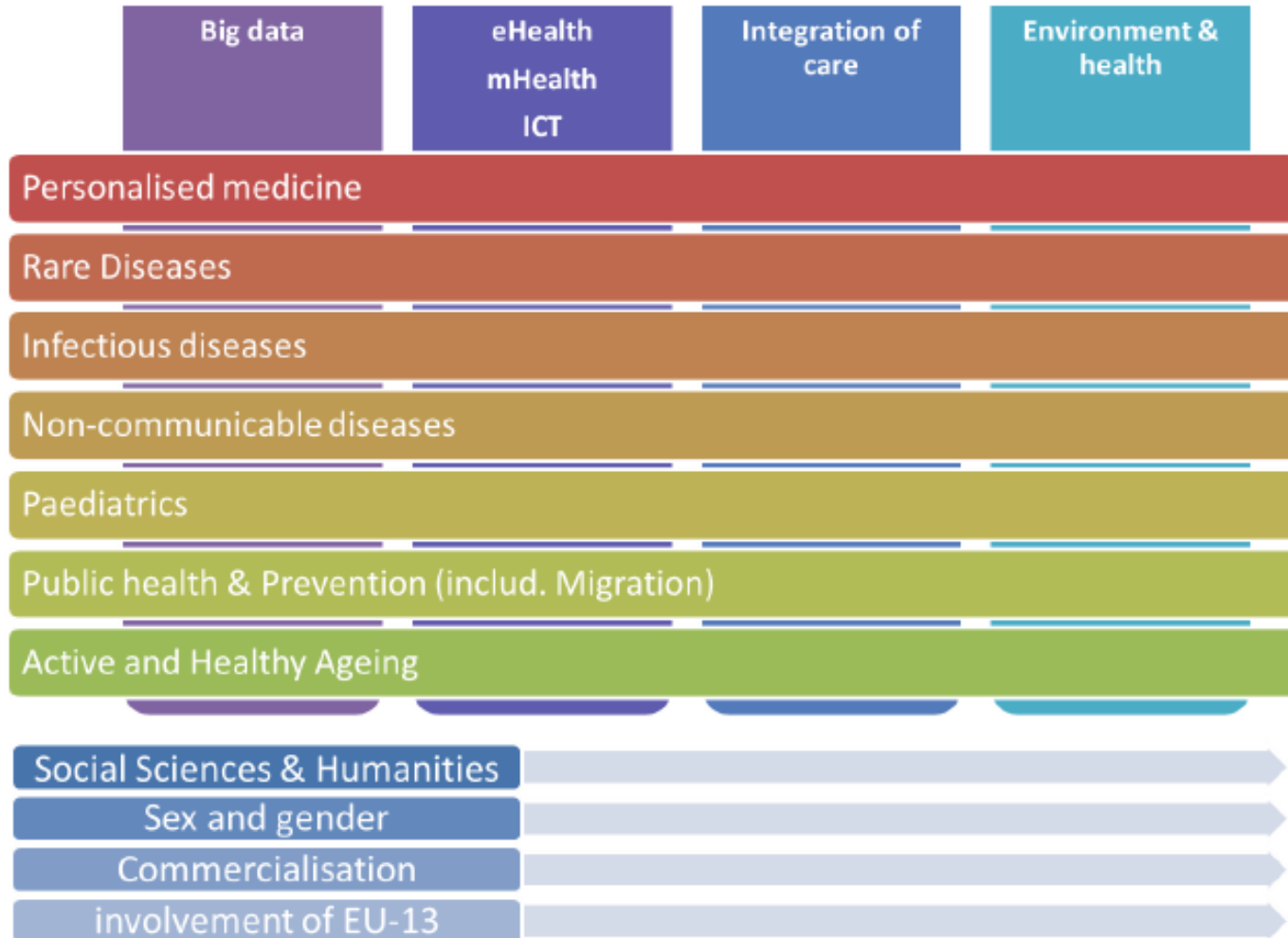


# La base del próximo WP 2018-2020

## Crosscutting



# La base del próximo WP 2018-2020





innovative medicines initiative



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About IMI

Get involved

Projects

Calls for proposals

News, Events & Media

Reference documents

### THE INNOVATIVE MEDICINES INITIATIVE

The Innovative Medicines Initiative (IMI) is Europe's largest public-private initiative aiming to speed up the development of better and safer medicines for patients.

IMI supports collaborative research projects and builds networks of industrial and academic experts in order to boost pharmaceutical innovation in Europe.

IMI is a joint undertaking between the European Union and the pharmaceutical industry association EFPIA.



### IMI NEWSFLASH



22/05/2017 : RT @DRIVE\_AB: Registration for the final @DRIVE\_AB conference is now OPEN! Check out the website for the programme & more info <https://t.co...>

22/05/2017 : RT @IMIGetReal: Join the launch of PragMagic, the decision support tool for pragmatic trial design. Webinar 8 June: <https://t.co/QY8hSM8zEU...>

22/05/2017 : 8 am, room K16: join us bright & early at #PSWC2017 tomorrow to learn more about IMI's #openinnovation in practice... <https://t.co/nB118MY1Ms>

### CALL TOPICS IN THE PIPELINE

Topics under discussion for inclusion in future IMI Calls include the blood-brain barrier, vaccines, Alzheimer's disease, data, autoimmune disease, the creation of a screening centre, and the exploitation

PARTNER SEARCH

EDUCATION & TRAINING

**Para finalizar...**



# Volviendo... Claves para la participación

## ❑ Anticipación

❑ Planear una **estrategia** de centro a corto-medio-largo plazo

❑ **Networking** a nivel nacional-europeo-internacional





# Qué herramientas tenemos?

**Herramientas de soporte a diferentes niveles:**

- ❑ **Ámbito Nacional** → Representantes & NCPs (**CDTI**)... pero también plataformas & asociaciones nacionales
- ❑ **Ámbito Regional** → Agentes regionales relacionados con I+D, empresa e innovación; **Clústers (masa crítica) & asociaciones**; redes de apoyo a la participación (compartición y optimización de recursos y conocimientos en favor del participante).
- ❑ **Ámbito Europeo** → Organismos Europeos (EC, Agencias,...); Entidades nacionales con sede en BRU; **Oficinas & “Antenas” de actores regionales en BRU; Plataformas tecnológicas** & Asociaciones sectoriales Europeas.



# Volviendo... Claves para la participación

## □ Anticipación

La participación en una call comienza meses antes de abrir y debe incluir un análisis interno de topics, identificación de posibles partners, análisis de debilidades y fortalezas,...



**Programa de trabajo  
2018-2020**



## Volviendo... Claves para la participación

- ❑ Planear una **estrategia** de centro a corto-medio-largo plazo:
  - ✓ Necesidad de revisión de los objetivos, selección prioridades → **No se puede ir a todo “en masa”!!!**
  - ✓ “Audit” interno “honesto” de capacidades “reales” → Qué **productos/servicios** podemos ofrecer? Qué nos hace atractivos/**competitivos** (de verdad) ? Para Quién?
  - ✓ Reforzar la colaboración **empresas, universidad, Centros tecnológicos, administración,...**



## Volviendo... Claves para la participación

- ❑ **Networking** a nivel nacional-europeo-internacional
  - ✓ **Colaboración con empresas** es la mejor vía para incorporarse a H2020
  - ✓ Mantener **relaciones continuas con los stakeholders a nivel EU & Internacional** → Aprovechar reuniones de proyectos, eventos, etc... mejorar la visibilidad y hacer que vuestros mensajes lleguen a los actores relevantes
  - ✓ Hábito y periodicidad en mantener los contactos con asociaciones & plataformas Europeas, con la Comisión, EU-Parliament,...



# Muchas gracias...

# Moltes gràcies!

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