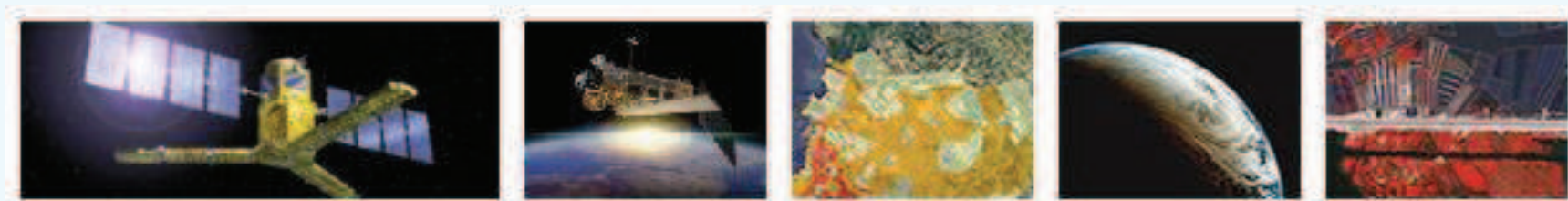


FP7- Environment (2007-2013) ...towards Horizon 2020

Spanish contribution



Carolina Rodríguez Rodríguez (carolina.rodriguez@cdti.es)

I. Aims/objective

II. Spanish Delegation - Contributions

III. Results

IV. Future

To give information about:

- The current situation in European R&D and the Spanish Delegation's role
- Spanish results within FP7

II. Spanish Delegation - Contributions



II. Spanish Delegation - Contributions



- ✓ **Strategic Thematic Fora (R&D Environment)**
- ✓ **Advisors to Permanent Representation in Brussels (Horizon 2020, EIT), European Commission, Council and Parliament. Sherpas**
- ✓ **Analysis of CENIT, Spanish R&D Plan and National Innovation Strategy**
- ✓ **Survey of interests on R&D Environment**
- ✓ **Other initiatives:**

- **MINETUR**
- **MAGRAMA**
- **MAEC**



✓ SPANISH RESEARCH INFRASTRUCTURE CATALOGUE (apart from ESFRI)

(*INSTALACIONES CIENTÍFICO-TÉCNICAS SINGULARES, MICINN*)

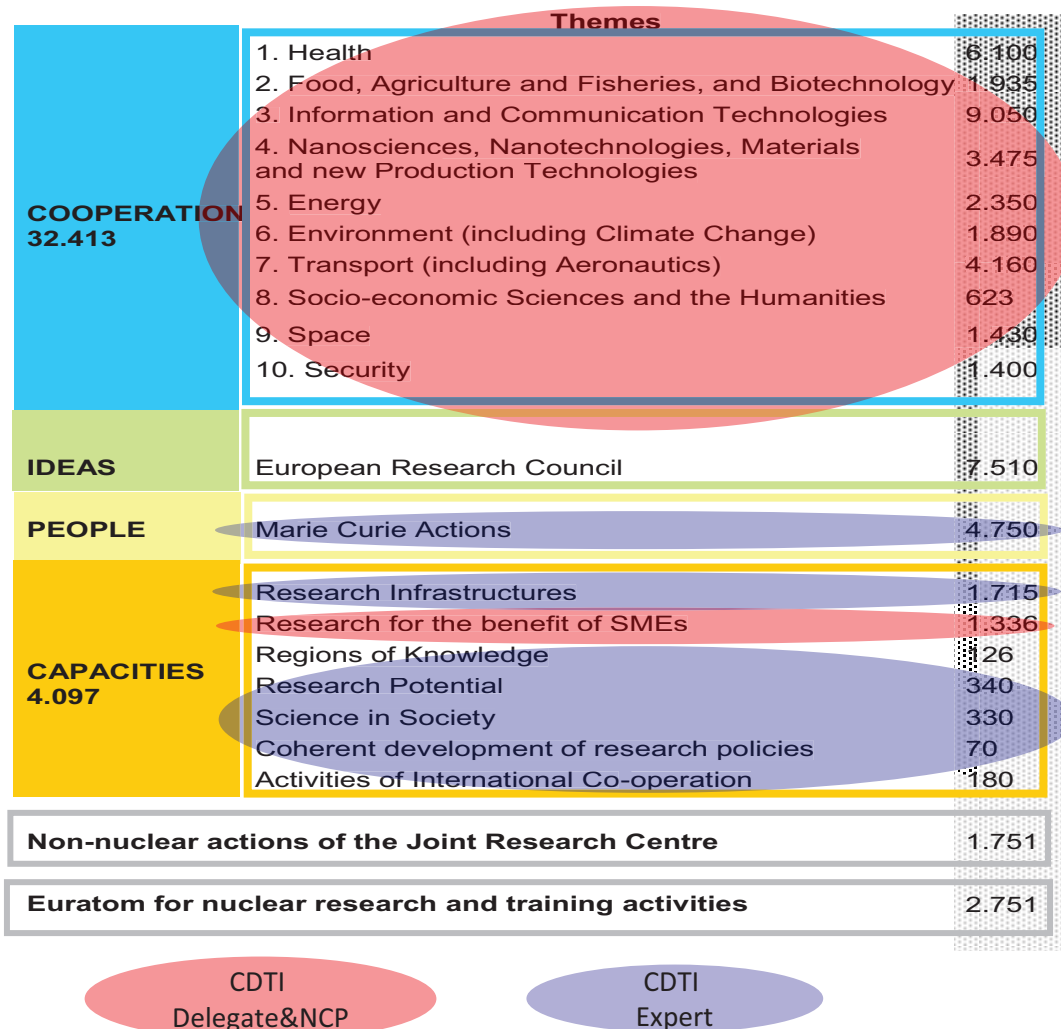
http://www.micinn.es/portal/site/MICINN/menuitem.6f2062042f6a5bc43b3f6810d14041a0/?vgnnextoid=cb09846085f90210VgnVCM1000001034e20aRCRD&lang_chosen=es



✓ SPANISH INFO-DAYS CATALOGUE

<https://www.cdti.es/index.asp?MP=7&MS=45&MN=4&TR=C&IDR=451&IDP=139&IDS=6>

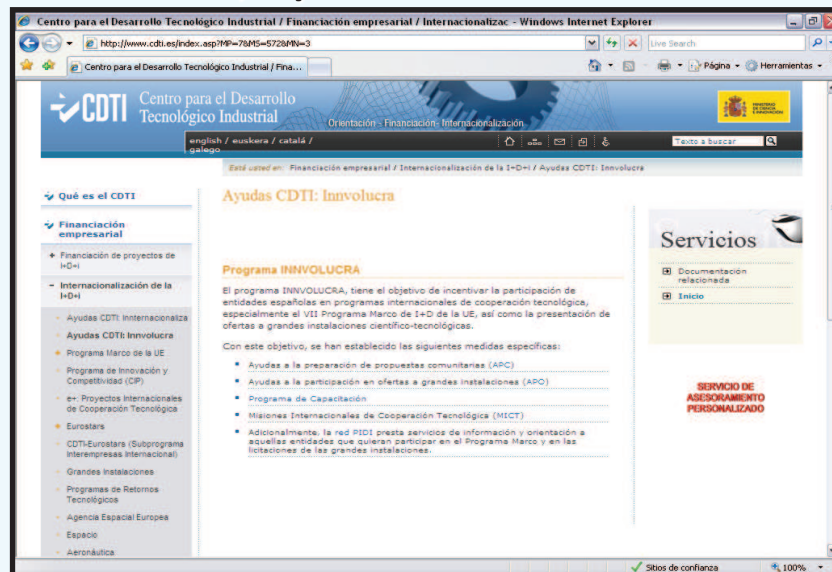
II. Spanish Delegation - Contributions



Legal frame: Ley 13/1986, de 14 de abril, de Fomento y Coordinación General de la Investigación Científica y Técnica (Law 13/1996 on the General Promotion and Coordination of Scientific and Technical Research)

CDTI is responsible for scientific, technological and industrial returns

1. **Delegation. Institutional target** for increasing participation in FP7 (annually revised, follow-up). Contents and budget discussions.
2. **NCP. Incentives to Spanish institutions:**
 1. To participate in a consortium proposal (enterprises)
 2. ENV-NCP-TOGETHER
 3. To help to prepare a proposal to a enterprise (different kind of institutions: PTE, OTRI, ...)



Cuantía de las ayudas:

En Proyectos Colaborativos (CP):

PRESUPUESTO total de la propuesta M€	PARTICIPACIÓN DE LA EMPRESA española en el presupuesto	AYUDA máxima a conceder	LIDERAZGO Cantidad adicional
< 5	≥ 10 % y < 25%	12.000 €	9.000 €
	≥ 25 %	15.000 €	
La ayuda máxima a conceder por propuesta es de 30.000 €			
≥ 5	≥ 5 % y < 15 %	15.000 €	20.000 €
	≥ 15 %	20.000 €	
La ayuda máxima a conceder por propuesta es de 50.000 €			

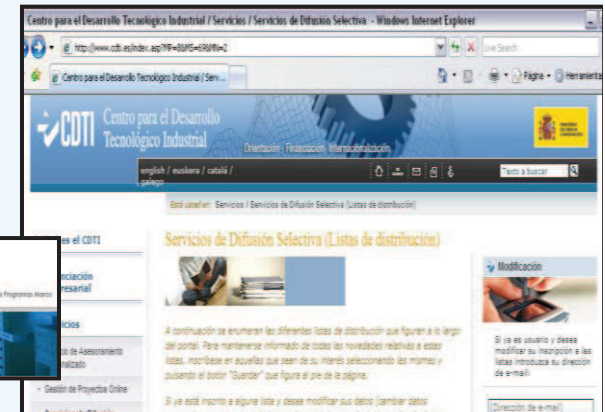
En proyectos de Investigación en Beneficio de Pymes ó Investigación en Beneficio de Asociaciones:

RTD* ESPAÑOLES	PARTICIPACIÓN española en el presupuesto total	PARTICIPACIÓN DE LA EMPRESA solicitante de APC en el presupuesto	AYUDA máxima a conceder
≥ 1	≥ 30 %	≥ 10 %	10.000 €

* RTD: Organismo ejecutante de la I+D

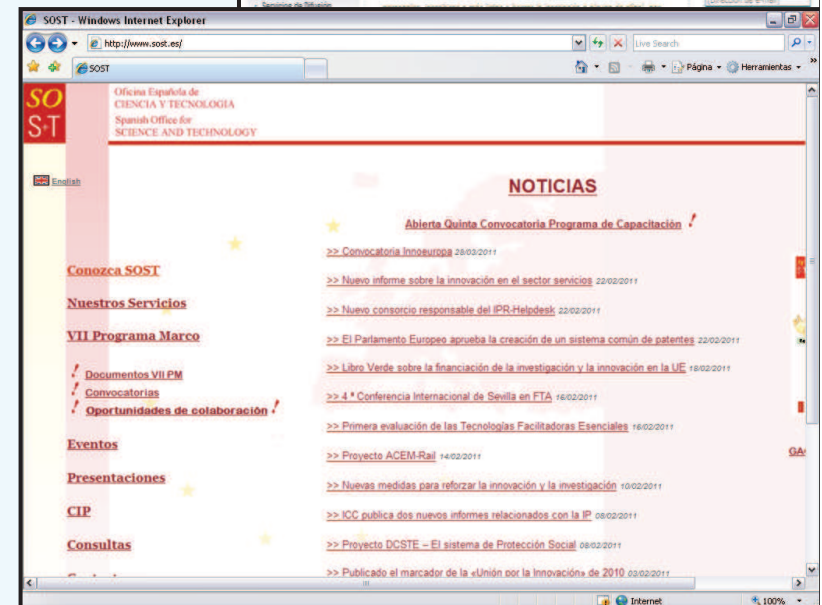
WHERE?

- **E-MAILING (1.500 people)**
- **INTERNAL NETWORK**
- ✓ **PYMER**
- ✓ **BUSINESS SCHOOLS**
- ✓ **OTRI UNIVERSITIES**
- ✓ **ASSOCIATIONS**
- ✓ **SPANISH TECHNOLOGY PLATFORMS**



WHAT?

- **DATES: PUBLICATION, DEADLINES**
- **POLICY RELEVANT**
- **SUCCESSFUL CASES**
- **EVENTS: INFO-DAYS, R&D CONFERENCES, WORKSHOPS**



II. Spanish Delegation - Contributions

WHERE?


- **National info-day**
- **Regional info-days**
- **Strategic Fora**
- **Workshops (UII, BT, Spanish Technology Platforms)**
- **Bilateral meetings**

TECHNICAL DOCUMENTS & REPORTS

- **Practical aspects** (analysis of **40 common errors**, and key points which make a difference in **successful proposals** –e.g. structure, content, figures, etc-.

➤ <https://www.cdti.es/index.asp?MP=7&MS=45&MN=4&TR=A&IDR=1&iddocumento=1079>

- **Advice: to check the document before discussion with the NCP**


 **PROPUESTA DE PROYECTO SOBRESALIENTE**

E.G. INDICE DESGLOSADO

1. *Background:* Explica la problemática del sector, complementando con **datos concretos**.
2. Hace referencia a las Plataformas Tecnológicas y a la **legislación vigente**.
3. Incluye gráficos de aproximación sistemática del proyecto.

(descargar via web de manera gratuita, CORDIS, CDTI)

Brussels, 17 June 2011

 **PROPUESTA DE PROYECTO SOBRESALIENTE**

E.G. GRÁFICOS TÉCNICOS

8. Se estructura la realización del proyecto en Sub-programas, donde **se ubican los WP, claramente descritos y entendibles**.

9. Incluye **diagramas explicativos en los WP más complejos**.

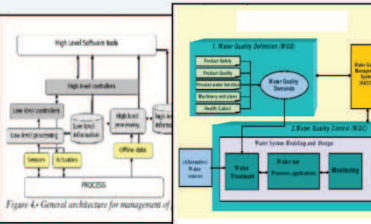


Figure 4: General architecture for management of the project





Figure 3.1.1: Global process flow

10. Muestra los diagramas de proceso de transferencia de conocimiento.

11. Todos los WP aparecen en el *Schedule*.





12. En la descripción de los WP vincula las actividades con los deliverables.

 **LOS 40 ERRORES MÁS FRECUENTES**

OBSERVACIONES "EVALUACION SUMMARY REPORT". Criterio 1

1. No recoge los objetivos del topic.
2. Los conceptos no son innovadores (ESTADO DEL ARTE). El consorcio debería contar con el Estado del Arte (el proyecto no debería estudiar el Estado del Arte del tema propuesto). La excelencia científica no es visible.
3. Deben considerarse SIEMPRE riesgos e imprevistos, nunca existe nada que se controle totalmente (Plan de Contingencias)
4. Propuesta no focalizada. Carece de puntos fuertes: modelos, conceptos, teoría.
5. Carencia de máximo grado de detalle en las tareas.
6. El consorcio no de estar compuesto por gran número de partners si no está justificado.
7. Indicadores: falta propósito, quién los va a utilizar y para qué.
8. Dificultades para entender la **implementación** del proyecto.
9. Enfoque en la metodología empleada (descripción insuficiente)
10. Mala redacción, repetición.

Brussels, 17 June 2011

    Centro para el Desarrollo Tecnológico Industrial

✓INTERNATIONAL COLLABORATION (apart from NCP network...)

<http://www.cdti.es/index.asp?MP=8&MS=155&MN=2>

Offices Abroad

In the following map you might locate the offices and the CDTI personnel existing in different countries to give support to Spanish companies and to promote the international technological cooperation. Press on each of them to know the corresponding contact information.

[You may also consult the Offices Abroad in listing format]

The external CDTI network is formed by an office in Tokyo, SBTI (Spain Business & Technology Office) which facilitates information, Spanish companies in their search for technological partners in Japan. Likewise, CDTI has its own personnel in Brazil, Chile, Korea, India, Mexico with identical objectives and has signed agreements with technological organisations in numerous countries that facilitate the Spanish companies for the development of alliances and international projects of technological cooperation.

International Agreements



Agreements between the CDTI and peer organisations in other countries in chronological order.

Brazil

Agreement signed by the CDTI and **FNEP** (Study and Project Financer), in 1996, for an initial two-year period.

Duration: It is extended automatically for equal two-year periods.

Korea

Agreement signed by the CDTI and **SBC** (Small Business Corporation) in 1997, for an initial three-year period.

Duration: It is extended automatically for equal three-year periods.

Colombia

Agreement signed by the CDTI and **COLCIENCIAS** (Colombian Institute for the Development of Science and Technology "Francisco José Caldas"), in 1998, for an initial two-year period.

Duration: It is extended automatically for three-year periods.

Morocco

Agreement signed by the CDTI and **ODI** (Office for Industrial Development), today ANPME (National Agency for SME Promotion), in 1998, for an initial two-year period.

Duration: Renewable by mutual agreement.

Chile

Agreement signed by the CDTI and **FONDEF** (Fund for the Promotion of Scientific and Technological Development) in 2000, for an initial two-year period.

Duration: It is extended automatically for equal two-year periods. An effort is currently being made to sign an agreement with a new Chilean institution (CORFO).

Mexico

Agreement signed by the CDTI and **CONACYT** (National Science and Technology Council) in 2002, for an initial five-year period.

Duration: It is extended automatically for equal five-year periods.

Portugal

Agreement signed by the CDTI and **AdI** (Innovation Agency) in 2003, for an initial three-year period.

Duration: It is extended automatically for equal three-year periods.

China

Agreement signed by **TORCH** (High Technology Industry Development Centre of China), as an addendum to the Initial Agreement signed by TORCH and the CDTI in 2003. An addendum was signed in 2005.

Tunisia

Agreement signed by the CDTI and **API** (Agency for the Promotion of Industry) in 2005.

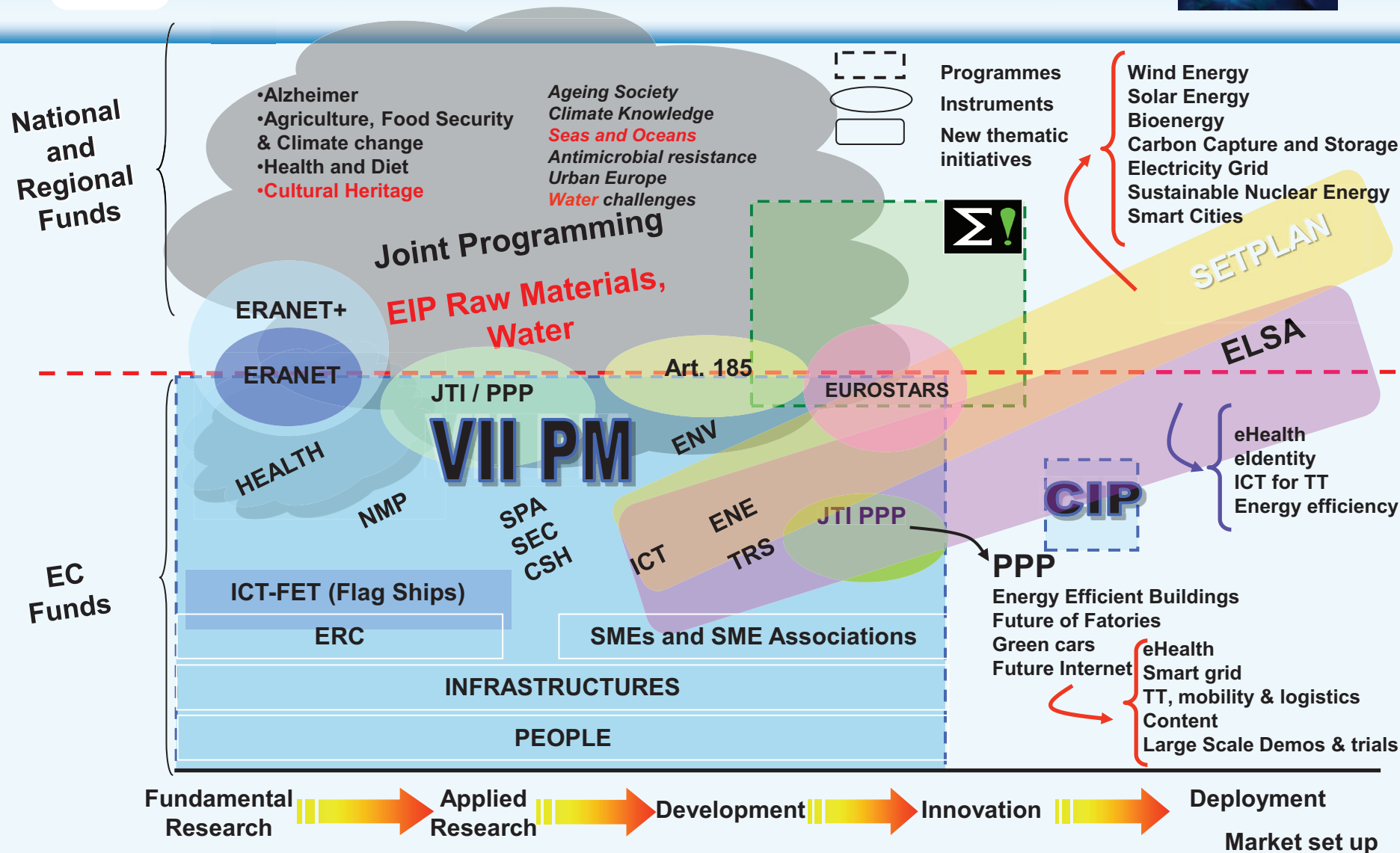
Duration: Indefinite duration.

Argentina

Agreement signed by the CDTI and **SECYT** (Secretariat of Science, Technology and Productive Innovation) in 2006.

Duration: Indefinite duration.

II. Spanish Delegation - Contributions



OFFICIAL DATABASE, STATISTICS

Selección de Filtros Informes Comunitarios - Cognos Viewer - Windows Internet Explorer

http://cdtpowncognos34/cognos8/cgi-bin/cognos.cgi

Cancelar < Atrás Siguiente > Finalizar

Programa Marco ... **Programa** ... **Convocatoria** ... **Área Programa** ...

7PM
6PM
5PM
4PM
3PM

7MA - MEDIO AMBIENTE (INCLUIDO EL CA
7NMP - NANOCIENCIAS, NANOTECNOLOG
7PER - PERSONAS
7POL - DESARROLLO COHERENTE DE LAS
7POT - POTENCIAL DE INVESTIGACIÓN
7PYM - INVESTIGACIÓN EN BENEFICIO DE

7MA-071-FP7-ENV-2007-1
7MA-081-FP7-ENV-2008-1
7MA-082-FP7-ENV-NMP-2008-2
7MA-091-FP7-ENV-2009-1
7MA-101-FP7-ENV-2010
7MA-102-FP7-OCEAN-2010

01 - Clima, polución y riesgos
01.01 - Impacto en MA y clima
01.02 - MA y salud
01.03 - Riesgos naturales
02.01 - Conservac y gestión sostenible
02.02 - MA marino

Tipo Entidad ... **Rol Entidad** ... **CCAA** ... **Provincia** ...

A - ASOCIACION
C - CENTRO PUBLICO DE INVESTIGACION
E - EMPRESA
F - PERSONA FISICA
I - ASOCIACION DE INVESTIGACION
K - CONSORCIO

C - COORDINADOR
P - PARTNER
A - PARTNER ASOCIADO
E - E
F - FUNDER
I - INTERESTED

AN - ANDALUCIA
AR - ARAGON
BA - BALEARS (ILLES)
CA - CANARIAS
CE - CEUTA (CIUDAD de)
CL - CASTILLA Y LEON

Participación Conjunta ... **Año Adjudicación** ... **Tipo Actividad** ... **Propuestas/Actividades Financieras** ...

ALEMANIA
AUSTRIA
BELGICA
BULGARIA
CHIPRE
DINAMARCA

2010
2009
2008
2007

BE - Beca
C - Investig. en beneficio Pymes ó investic
M - Medidas de Acompañamiento / Acción
N/A - SIN DESCRIPCION
P - Proyecto Colaborativo Pequeño / Strep
PI - Proyecto Colaborativo Grande / Proye

Propuestas
Actividades Financieras

Datos Financieros ... **Desglosar Pyme** ... **Mostrar** ... **Numero de Entidades** ...

Si
No

Si
No

Todas
Solo participación española

Todas
Solo 10

Palabras de Búsqueda

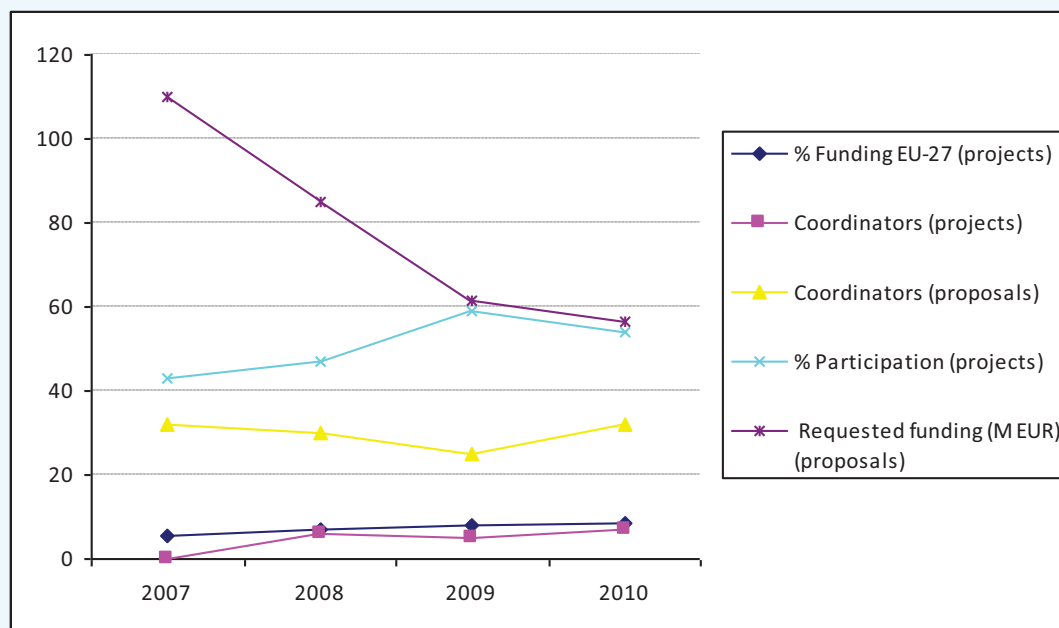
Titulo
Resumen
Palabras Clave

Listo

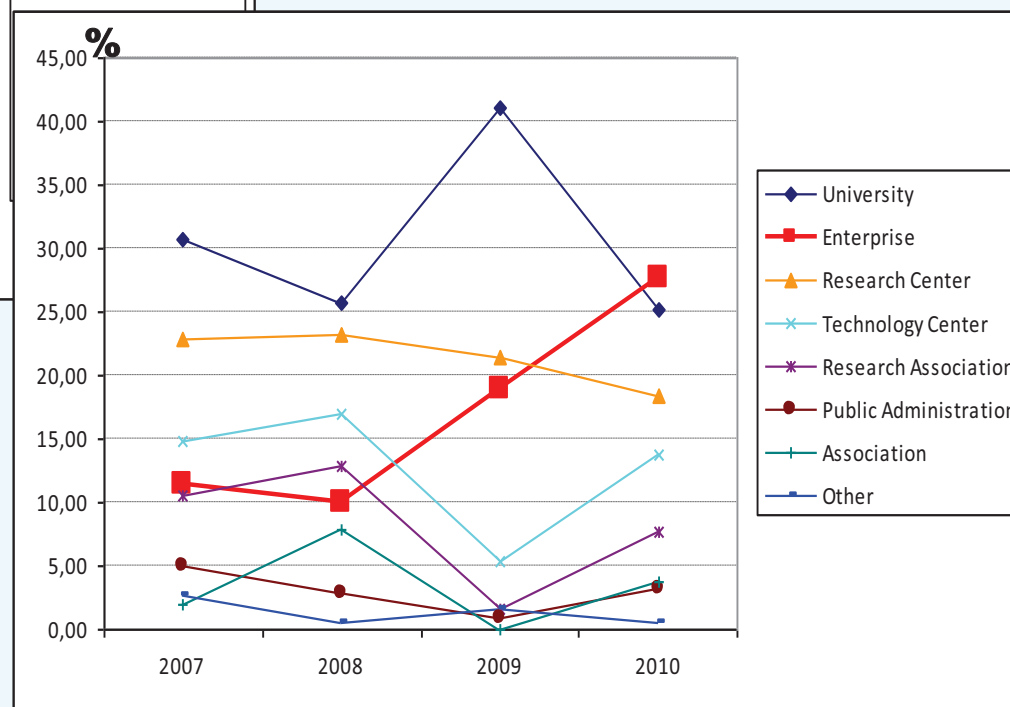
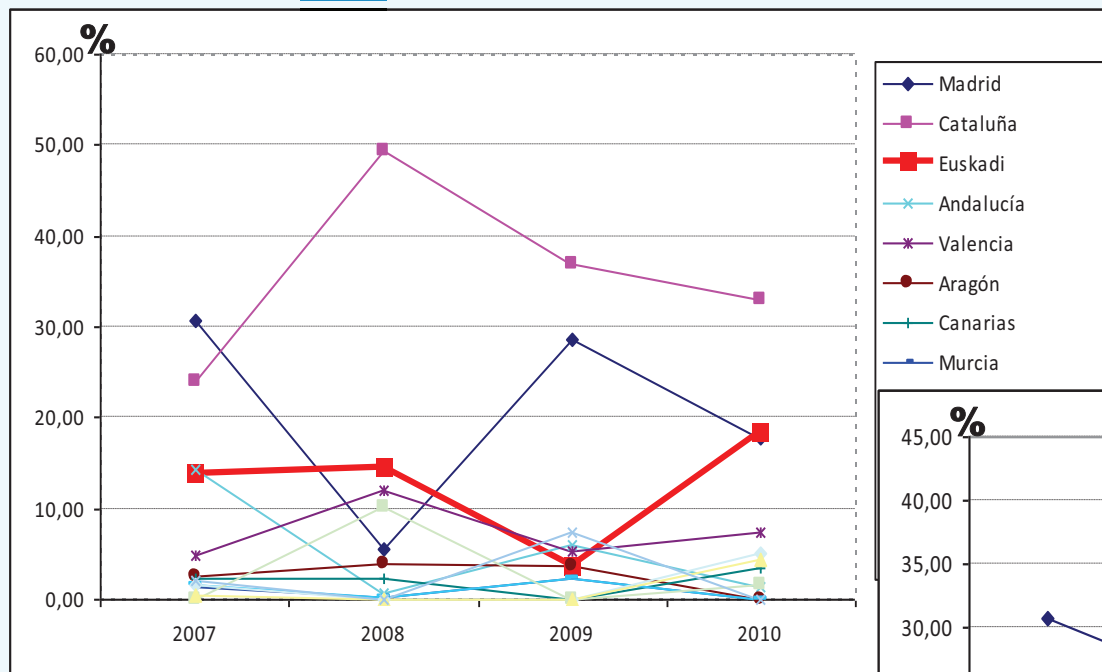
Intranet local 100%

III. Results

	% Funding EU-27 (projects)	Coordinators (projects)	Coordinators (proposals)	% Participation (projects)	Requested funding (M EUR) (proposals)
2007	5,5	0	32	43,2	110,0
2008	6,9	6	30	47,1	85,2
2009	7,8	5	25	59,1	61,3
2010	8,5	7	32	54,2	56,5



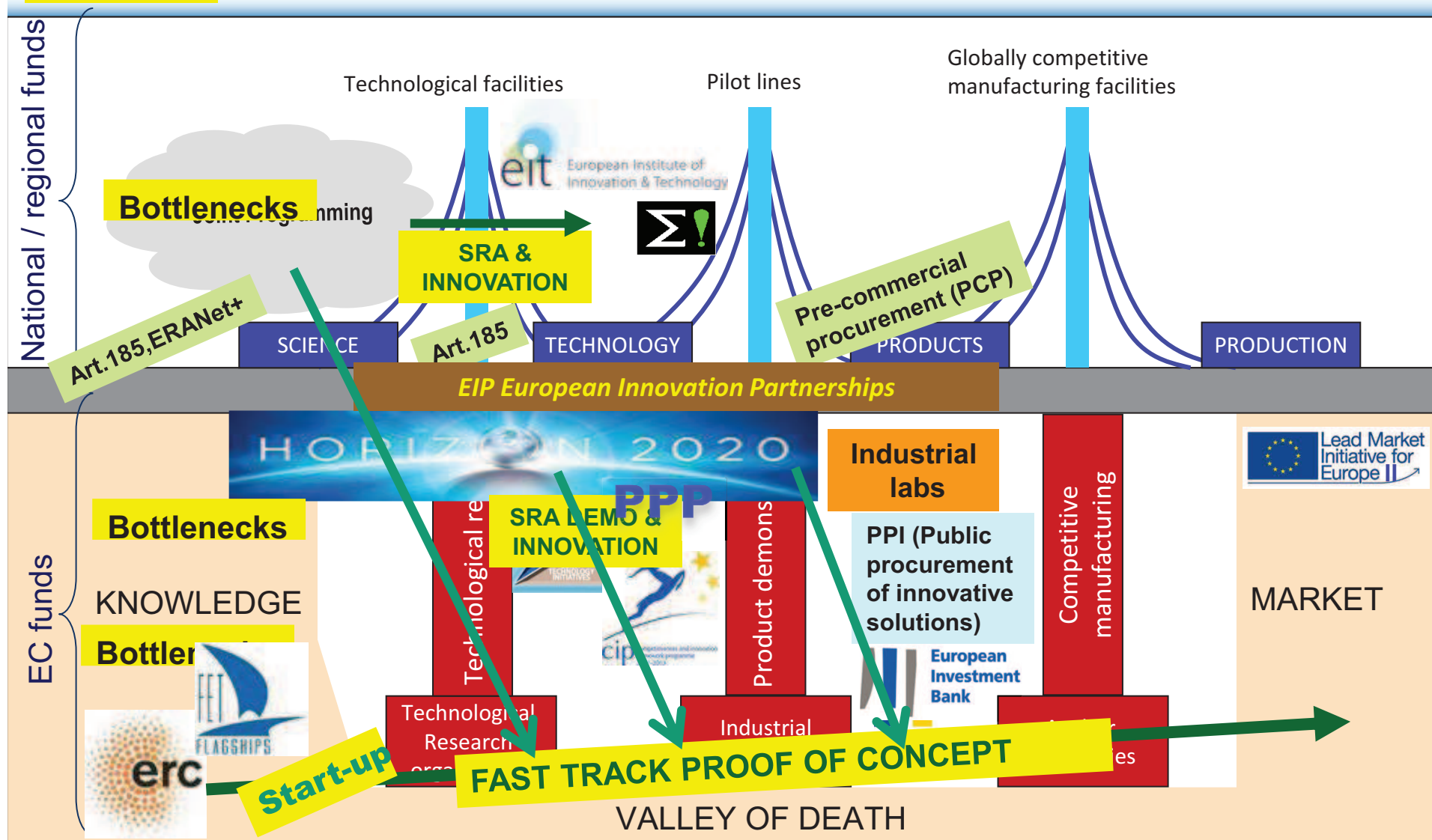
III. Results



IV. Future... Towards Horizon 2020

Horizon 2020.
Some hints to
get knowledge
to market

The bridge above the Valley of Death: H2020 status based on EXCELLENCE+RELEVANCE





Europe 2020 priorities

International
cooperation

Δ **50% Budget
H2020 / VII PM**

80.000 M€ (87.740 M€ a precios corrientes)

Tackling Societal Challenges

- Health, demographic change & wellbeing
- Food security & the bio-based economy
- Secure, clean & efficient energy
- Smart, green & integrated transport
- Supply of raw materials, resource efficiency & climate action
- Inclusive, innovative & secure societies

EIT

3.194 M€

Δ **x9**

Δ **53%**

33.300 M€

Creating Industrial Leadership and Competitive Frameworks

- ICT, NanoTech,
- Materials, Biotech,
- Manufacturing,
- Space
- Access to risk finance
- Innovation in SMEs

18.4019 M€

Δ **22%**

Excellence in the Science Base

- Frontier research (*ERC*)
- Future and Emerging Technologies (*FET*)
- Skills and career development (*Marie Curie*)
- Research infrastructures

Δ **x2**

24.300 M€

Δ **66%**

Coherent with other
EU and MS actions

- **Stakeholder meetings (Space, Environment), (April 2013, Brussels)**
- **National Forum, Regional Fora (May 2013)**
- **Horizon 2020 Spanish Conference (November 2013)**

Thank you for your attention Gracias



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EIT

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