

Call 2013 Public Private Partnerships: Factories of the Future, Energy Efficient Buildings, Green Cars

**Oportunidades VII PM, H2020 y CDTI
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Guillermo Álvarez Jiménez

Dpto. Energía, Química, Medio Ambiente, Producción y Servicios
Dirección de Mercados Innovadores Globales
CDTI

Public Private Partnerships

- Origen
- Presente
- ¿Futuro?

RECOVERY PLAN & PPPs.

3 PPPs (RECOVERY PLAN):

- Adopted by the EC on 26 Nov 2008 and endorsed by the EU Council on 11-12 Dec 2008
- Includes 'smart investment' in research

*'To support **innovation** in the **manufacturing**, **construction** and **automotive** sectors, which have recently seen demand plummet as a result of the crisis and which also face significant challenges in the transition to the green economy...'*

- **Three Public-Private Partnerships (PPPs)**

Objective: to promote the convergence of **public interest** with **industrial commitment and leadership** in determining **strategic** research activities

- **FACTORIES OF THE FUTURE / ENERGY-EFFICIENT BUILDINGS / GREEN CARS**

4th PPP (FUTURE OF INTERNET):

- *Ensure future Internet development at the service of society (since 2011)*

FP7. ESTRUCTURA y PPPs.

Cooperación – Investigación Colaborativa										32,4
Salud (6.100)	Ali, Agri y Peca y Biotec. (1.935)	ICT (9.050)	NMP (3.475)	Energía (2.350)	Medioambiente (1.890)	Transporte (4.160)	Socioeconomía y Humanidades (623)	Espacio (1.430)	Seguridad (1.400)	
Green Cars		S - Investigación de frontera							7,5	
Factories of the Future		EFFRA - Potencial Humano							4,7	
Energy Efficient Buildings		C - Ciencia de Investigación								
Future Internet		Public Private Partnerships								
Infraestructura de Investigación (1.715)	Investigación para Pymes (1.336)	Regiones de Conocimiento (126)	Potencial de Investigación (340)	Ciencia en Sociedad (330)	Desarrollo Coherente de las Políticas de Investigación (70)	Cooperación Internacional (180)				

RECOVERY PLAN & PPPs. Budget.

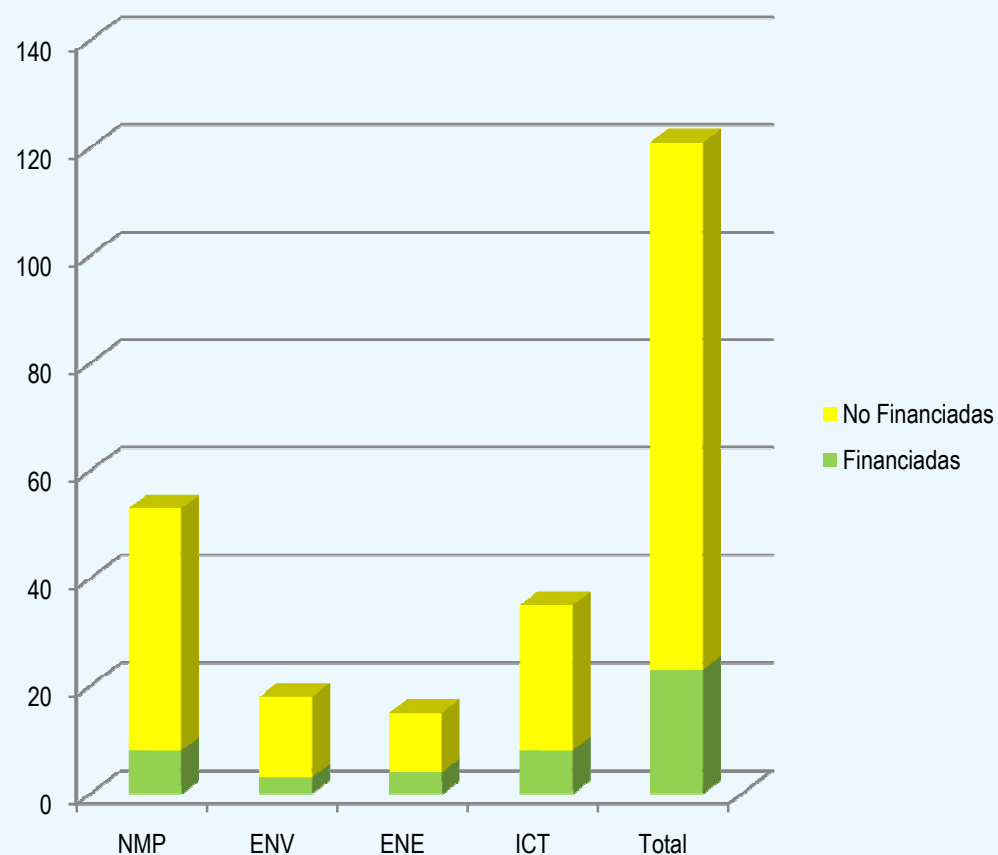
Budget (M€)	TRS	NMP	ENE	ICT	ENV	Total FP7	Total PPP*
Green Car	220	60	50	120	50	500	1.000
EeB		250	125	100	25	500	1.000
FoF		400		200		600	1.200
FI				300		300	600

Convocatorias PPP

- Convocatoria 2010: Proyectos en Desarrollo
- Convocatoria 2011: Proyectos en Desarrollo
- Convocatoria 2012: Proyectos en Desarrollo/Negociación
- Convocatoria 2013: Cierre 4 Diciembre

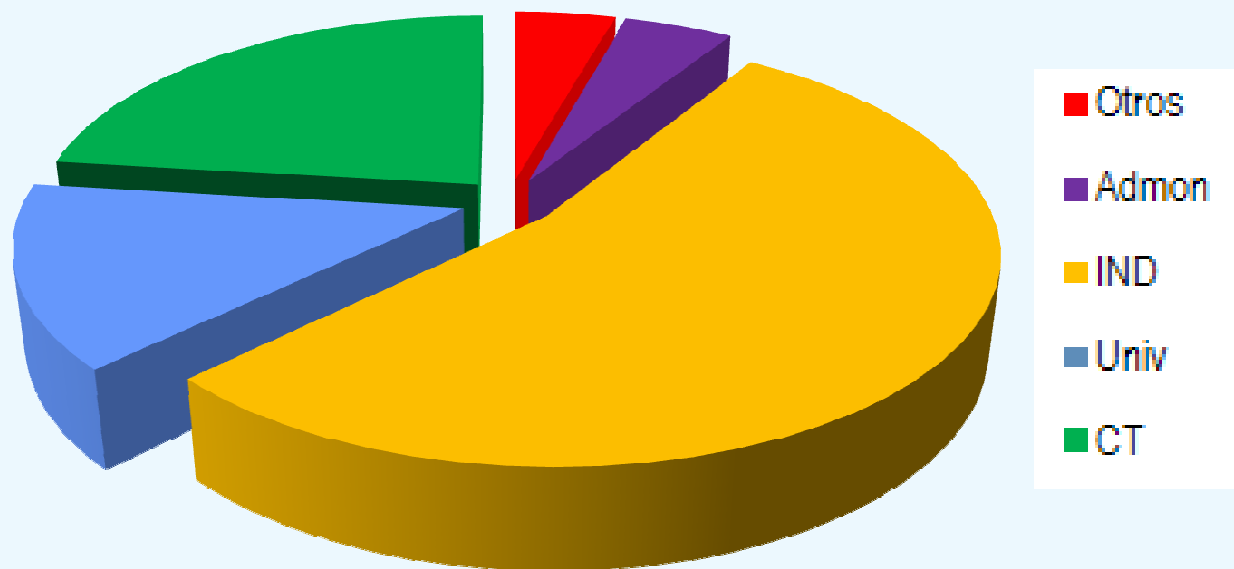
EeB: Proyectos Financiados 2011

	INCOMING	Proyectos	% Finan
NMP	53	8	15,1%
ENV	18	3	16,7%
ENE	15	4	26,7%
ICT	35	8	22,9%
Total	121	23	19,0%



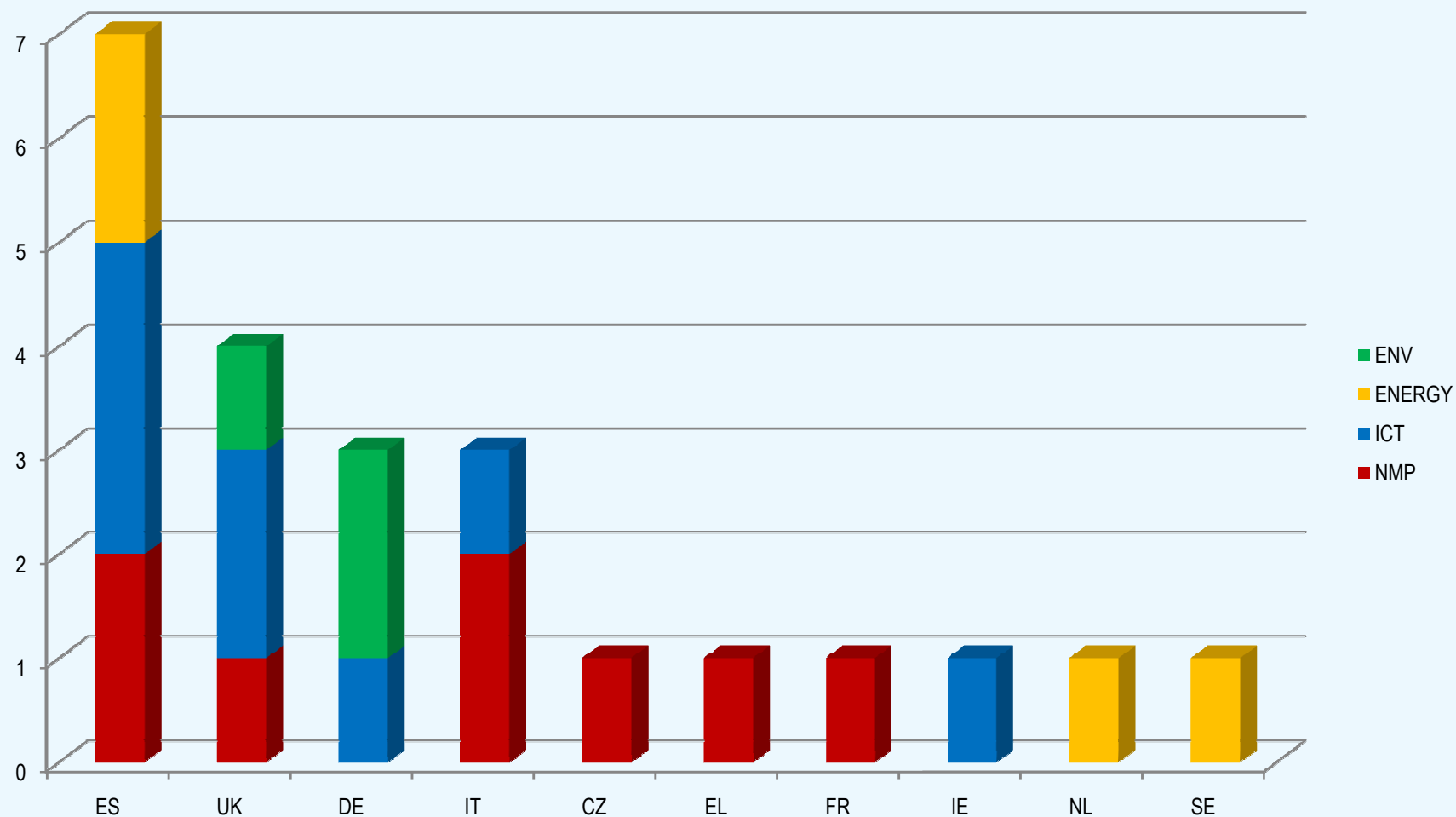
EeB: Tipología Entidades Financiadas

TOTAL

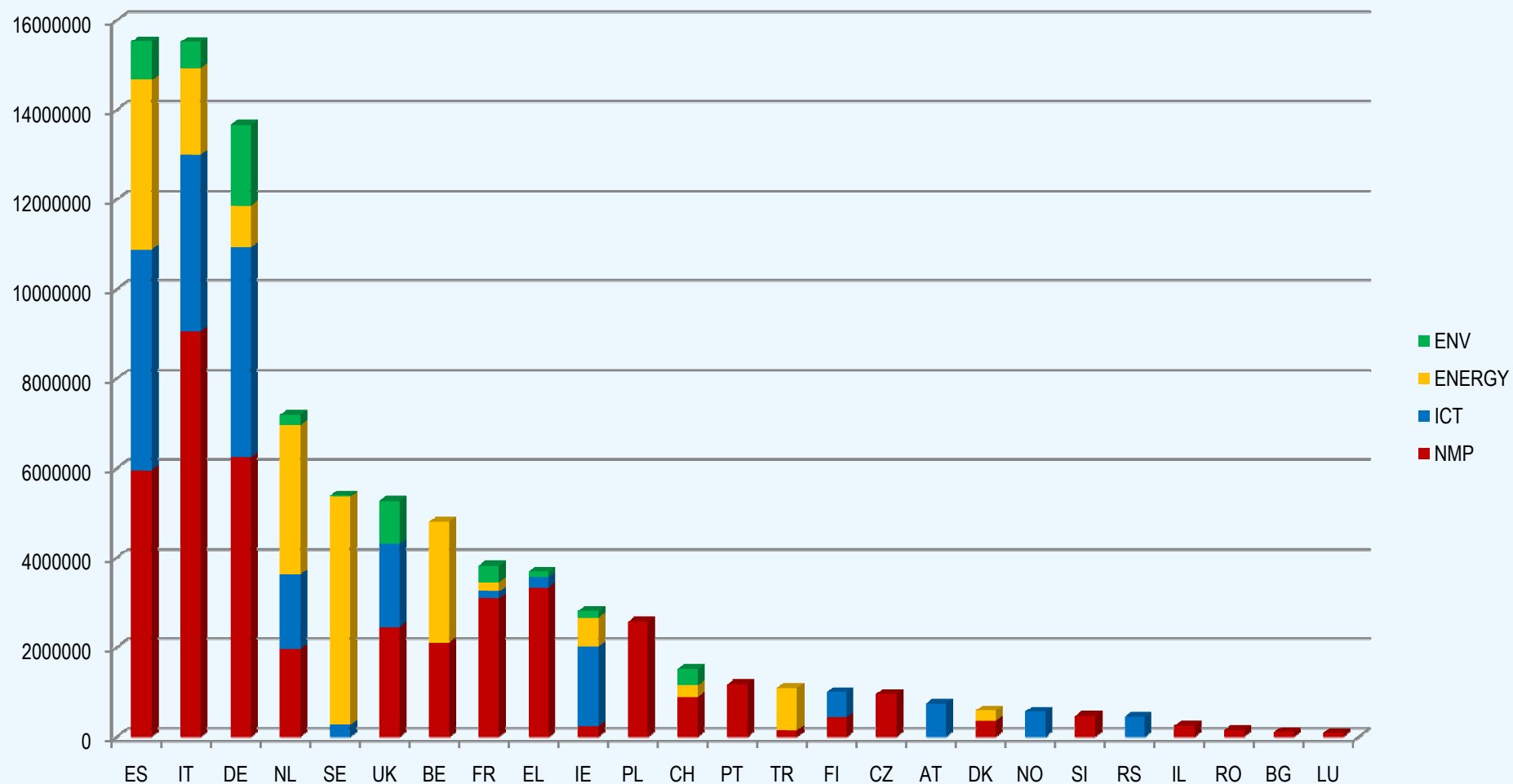


	Part	%
Otros	12	4%
Admon	13	5%
IND	149	54%
Univ	39	14%
CT	64	23%
TOTAL	277	

EeB 2011: Liderazgo por países (Propuestas Financiadas)

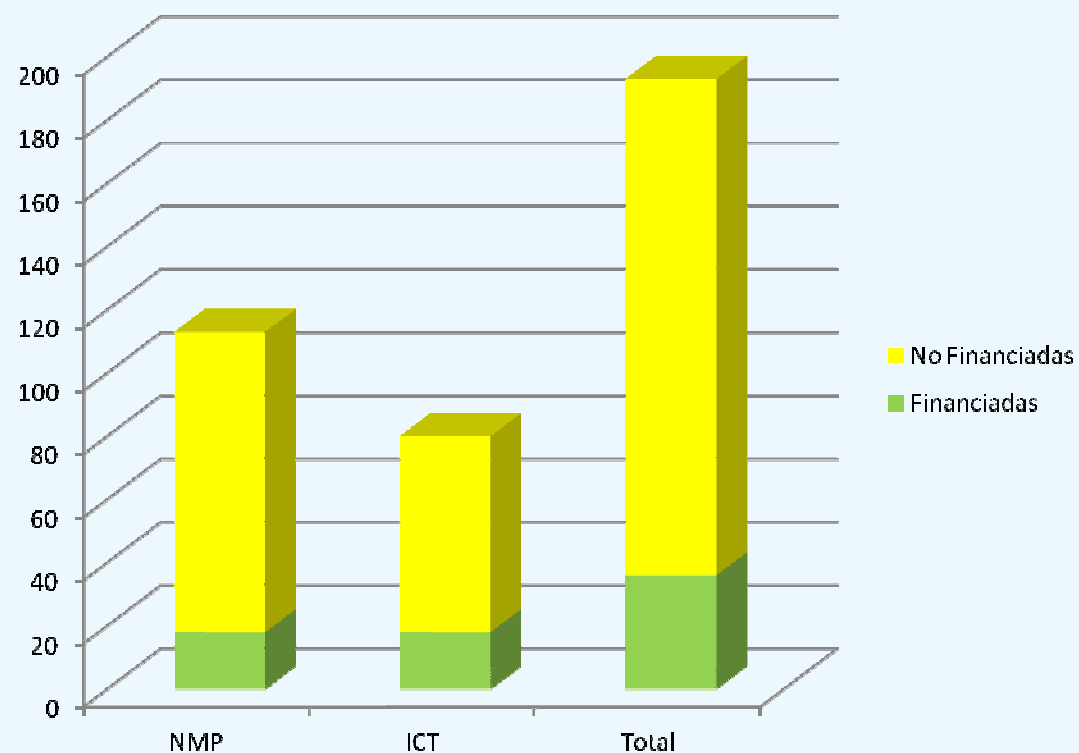


EeB: Financiación por País



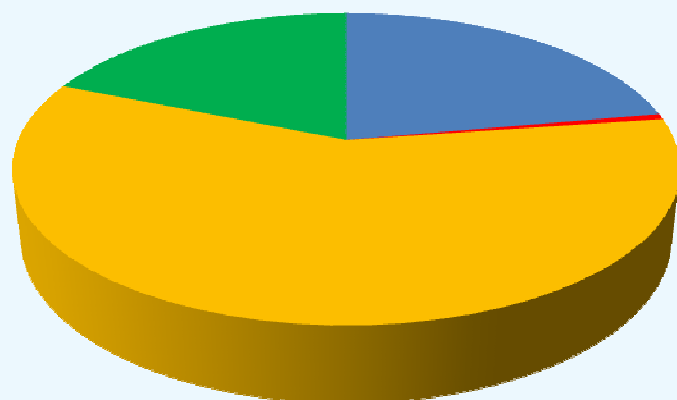
FoF: Proyectos Financiados

	Incoming	Financiadas	% Finan
NMP	113	18	15,9%
ICT	80	18	22,5%
Total	193	36	18,7%

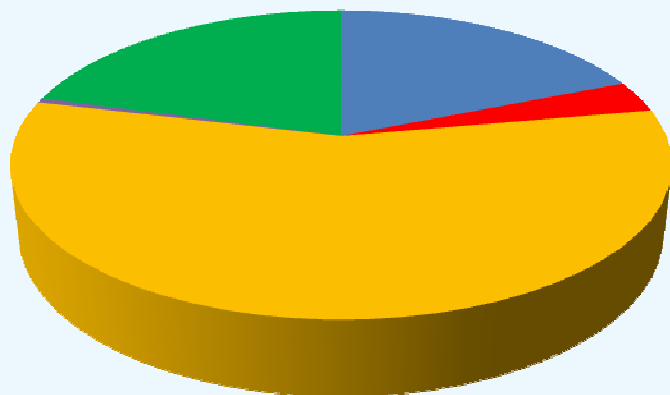


FoF: Tipología Entidades Financiadas

ICT



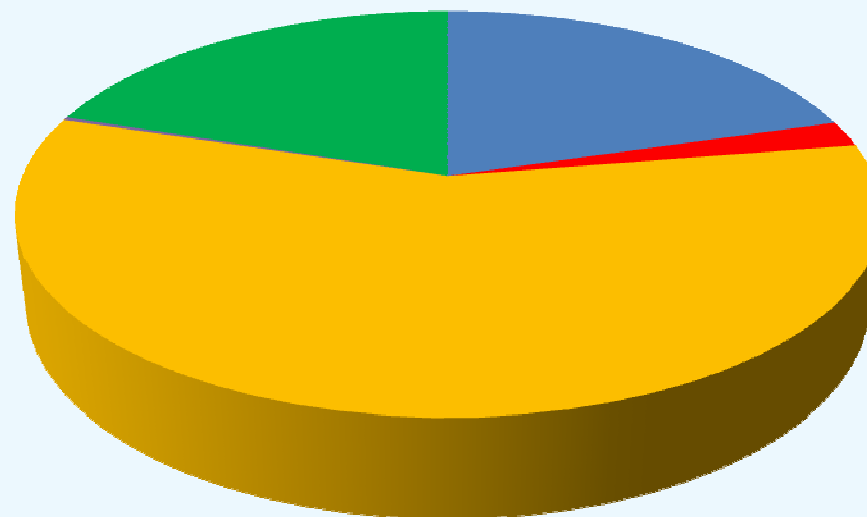
NMP



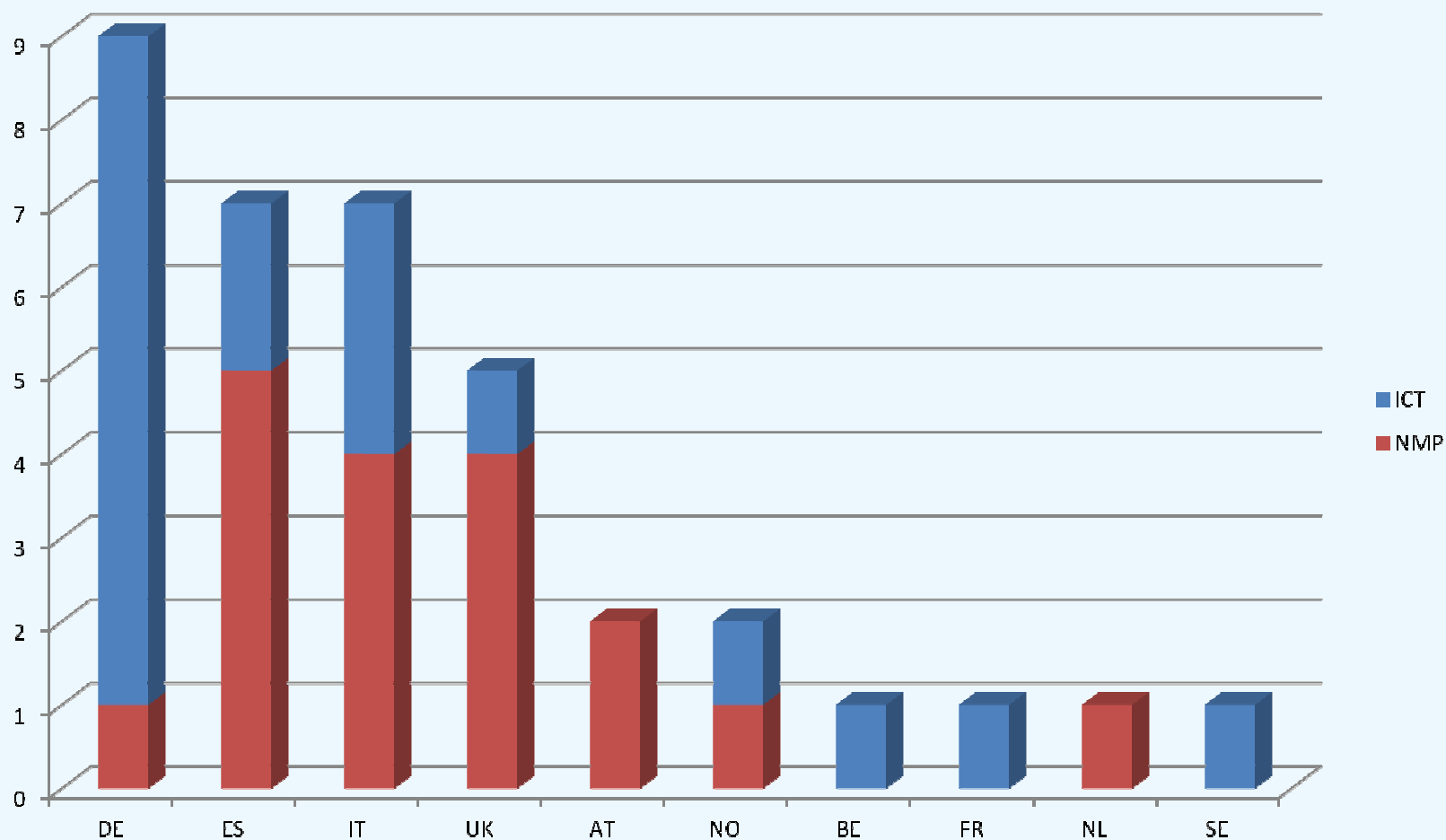
Total

	Total	%
Otros	8	2,1%
Admon	1	0,3%
IND	223	57,5%
Univ	79	20,4%
CT	77	19,8%

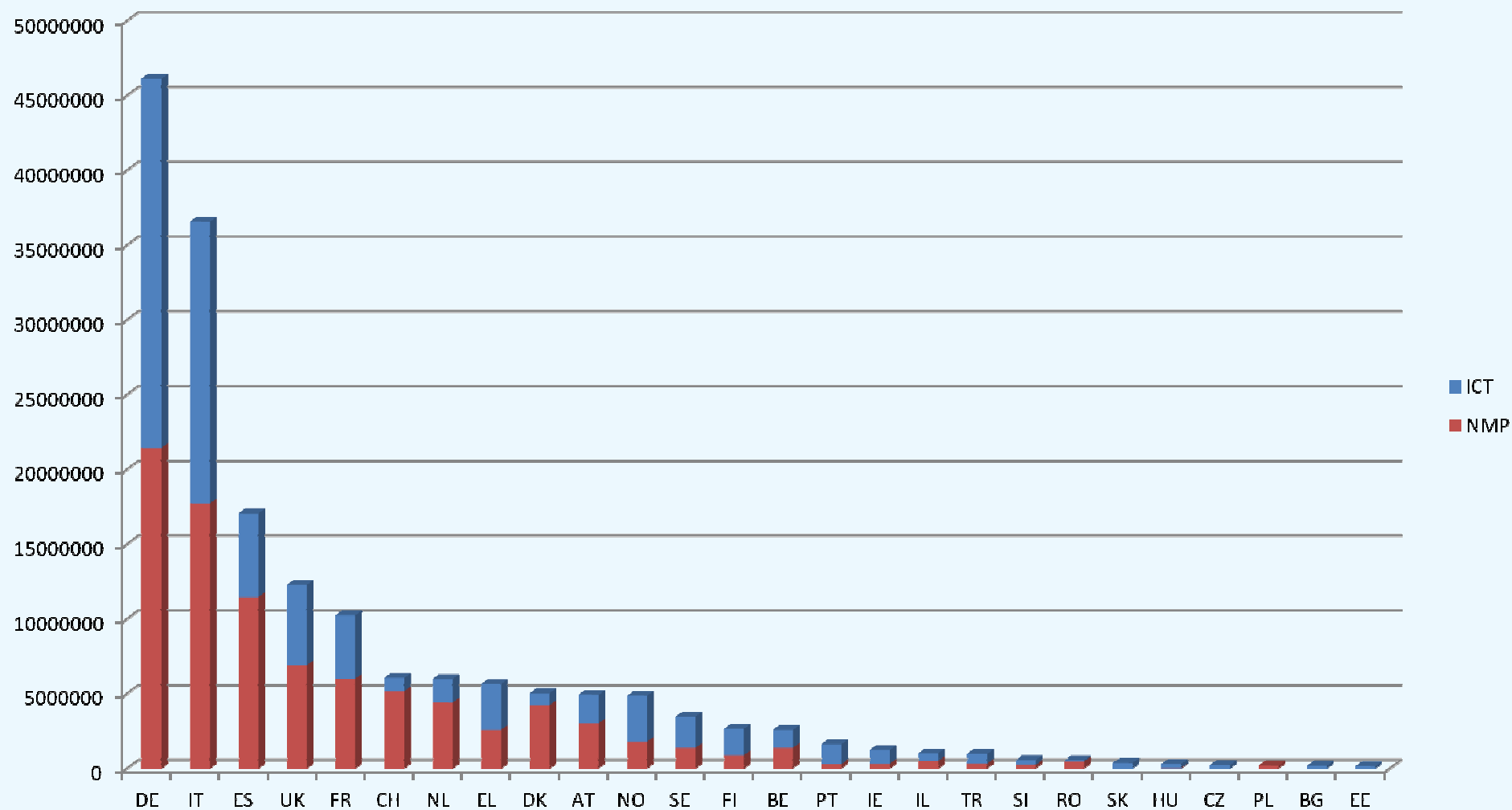
■ Otros
■ Admon
■ IND
■ Univ
■ CT



FoF 2011: Liderazgo por países (Propuestas Financiadas)



FoF: Financiación por País



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•PPP's: WP 2013

PPPs & Innovation activities

- Strategy in partnership with industry
- Continued emphasis on strong industrial participation in project consortia and in the evaluation panels
- Increase of demonstration activities to achieve the expected overall impact
- Introduction of "DEMO-targeted" projects
 - e. g. large with at least 50% devoted to demonstration

Standardisation measures and industrial FP projects

- Raise awareness of standards as a tool for innovation
- Encourage the use of standardisation within R&D projects to facilitate marketable results
- Develop a strategy for pre- and co-normative research
 - analysis of project results regarding potential for future standardisation (in cooperation with CEN)

Disclaimer

This preliminary presentation should be used only for the purpose of informing potential beneficiaries.

It must not be distributed or published.

This presentation is not legally binding and does not represent any commitment on behalf of the European Commission.

Always check legal documents.

Only the adopted work programme will have legal value.

Draft del Plan de Trabajo publicado pero la versión final aún no está aprobada

Esquema de financiación

➤ Proyectos colaborativos

➤ SMALL- Proyectos pequeños o medianos

- ✓ <4m€ subvención solicitada a CE (generalmente 2-3m€, ~6-10 participantes)
- ✓ Proyectos enfocados a investigación con algunos mercados finales y aplicaciones (criterio elegibilidad)

➤ LARGE- Proyectos grandes

- ✓ > 4m€ subvención solicitada a CE (generalmente 6-8m€, ~12-20 participantes)
- ✓ Aún investigación precompetitiva, pero **más cercana** a los mercados finales y aplicaciones (criterio elegibilidad)

➤ SME- Proyectos PYMEs colaborativos

- ✓ Enfocados a las necesidades de investigación de PYMEs
- ✓ >35% (aportación CE) participación PYME (no recomendado nº de participantes)
- ✓ PYME lidera pero no tiene que ser el coordinador

➤ DEMO Demostración

- ✓ Enfocados R&D y Demostración
- ✓ Sin límites en la retribución europea
- ✓ 50% costes del proyecto (exceptuando gestión) en actividades de demostración

➤ Acciones de coordinación y soporte (CSA)

- ✓ Estudios, actividades de prospectiva, etc.

Evaluación 2 Fases

Fase 1:*

1. Calidad Científica 4/5
2. Impacto 3/ 5

Total 8/10

(23 de Octubre 17:00 hora de Bruselas)

*** Calls China y Japón completa)**

Fase 2 (SMALL y SME):

1. Calidad Científica 4/5
2. Implementación 3/5
3. Impacto 3/5

Total 12/15

Fase 2 (LARGE):

1. Calidad Científica 4/5
2. Implementación 3/5
3. Impacto 4/5

Total 12/15

(19 de Marzo 17:00 hora de Bruselas)

Evaluación 1 Fase

CSA:

- 1. Calidad Científica 3/5**
- 2. Implementación 3/5**
- 3. Impacto 3/5**

Total 10/15

(4 de Diciembre 17:00 hora de Bruselas)

PPP (FoF, EeB, GC):

- 1. Calidad Científica 3/5**
- 2. Implementación 3/5**
- 3. Impacto 3/5**

Total 10/15

(4 de Diciembre 17:00 hora de Bruselas)

Recovery Package: Public-Private Partnership (PPP) topics within NMP

5.1 'Factories of the Future' Public-Private Partnership (FoF)

DEMO

**FoF.NMP.2013-1
level**

Improved use of renewable resources at factory

DEMO

**FoF.NMP.2013-2
integrated factory design**

Innovative re-use of modular equipment based on

SMALL

**FoF.NMP.2013-3
production site**

Workplaces of the future: the new people-centred

CSA

**FoF.NMP.2013-4
sustainability in manufacturing**

Innovative methodologies addressing social

LARGE

**FoF.NMP.2013-5
services and of their production processes based on collaborative
environments**

Innovative design of personalised product-

DEMO

**FoF.NMP.2013-6
flexible production**

Mini-factories for customised products using local

LARGE

**FoF.NMP.2013-7
factory environments based on new human-robot interactive cooperation**

New hybrid production systems in advanced

Recovery Package: Public-Private Partnership (PPP) topics within NMP

5.1 'Factories of the Future' Public-Private Partnership (FoF)

LARGE

FoF.NMP.2013-8
manufacturing systems

Innovative strategies for renovation and repair in

SMALL

FoF.NMP.2013-9
**approaches addressing product-services and their manufacturing in
globalised markets**

Advanced concepts for technology-based business

SMALL

FoF.NMP.2013-10
composites or engineered metallic materials

Manufacturing processes for products made of

SME

FoF.NMP.2013-11

Manufacturing of highly miniaturised components

Recovery Package: Public-Private Partnership (PPP) topics within NMP

5.2 'Energy-efficient Buildings (EeB)' – Public-Private Partnership –

SMALL

EeB.NMP.2013-1 Nanotechnology for multifunctional lightweight construction materials and components

LARGE

EeB.NMP.2013-2 Safe, energy-efficient and affordable new eco-innovative materials for building envelopes and/or partitions to provide a healthier indoor environment

DEMO

EeB.NMP.2013-3 Integration of technologies for energy-efficient solutions in the renovation of public buildings

LARGE

EeB.NMP.2013-4 Integrated control systems and methodologies to monitor and improve building energy performance

LARGE

EeB.NMP.2013-5 Optimised design methodologies for energy-efficient buildings integrated in the neighbourhood energy systems

LARGE

EeB.NMP.2013-6 Achieving high efficiency by deep retrofitting in the case of commercial buildings

Recovery Package: Public-Private Partnership (PPP) topics within NMP

5.3 'Green Cars (GC)' - Public-Private Partnership –

LARGE

**GC.NMP.2013-1 Improved materials for innovative
ageing resistant batteries**

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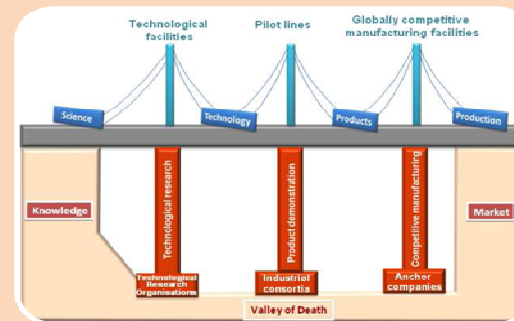
PPPs EN ESQUEMA PRELIMINAR HORIZONTE 2020.



Investigación
Fundamental



Grandes Retos
Sociales



Competitividad
Industrial

Green Cars

Factories of the Future

Energy Efficient Buildings

Sustainable Process Industry: SPIRE

...

Flagships

Public Private Partnerships

ICT

Nanotecnología

Biotecnología

Materiales avanzados

Fabricación avanzada

Espacio

Fechas a recordar

- **Infoday PPP. Bruselas, 9-10 Julio**
- **Infoday PPP. Madrid (2ª quincena de Julio)**
- **Infoday WP2013-NMP. Madrid, 7 Septiembre**
- **VI Conferencia PM. Zaragoza, Noviembre**

Useful links

➤ **FP7 calls**

ec.europa.eu/research/participants/portal/page/fp7_calls

➤ **NMP find a partner**

www.nmpteam.com

➤ **Industrial technologies**

ec.europa.eu/research/industrial_technologies

➤ **Innovation Union**

ec.europa.eu/research/innovation-union

➤ **Green paper on Research and Innovation**

ec.europa.eu/research/csfri/

➤ **CDTI**

www.cdti.es

➤ **Red PIDi**

www.cdti.es/pidi

➤ **Orientation Paper**

http://ec.europa.eu/research/participants/portal/ShowDoc/Extensions+Repository/General+Documentation/Orientation+papers+2013/Cooperation/NMP_2013_Orientation_Paper_en.pdf;efp7_SESSION_ID=QVWlPPJTVcHCn3CVt2JqyXDy0ZLZ2npb1fS7VvjY1600DTxnK6rN!740145386

MUCHAS GRACIAS