

Introducción

Programa Horizonte 2020

Revisión de propuestas Horizon 2020 - Espacio

Calls 2016-17

Castelldefels, 15 de diciembre de 2015

ACCIÓ



Generalitat
de Catalunya




Apropiem Europa a la teva empresa



Esquema presentación

- Horizon 2020
 - Oportunidades para las PYME. SME Inst
 - Fast track to Innovation
- Servicios de apoyo a la participación



“We need more **open access** to research results and the underlying data”

“Open access publication is already a requirement under Horizon 2020, but we now need to look seriously at **open data.**”

Características Horizon 2020

2014 - 2020

78.600 M€

Excellence Science

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

Industrial Leadership and Competitive Frameworks

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

Societal Challenges

- Health, demographic change & wellbeing
- Food security and bio-based economy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Raw materials, resource effic., climate action
- Inclusive, innovative societies
- Secure societies

Fast Track to Innovation Pilot (2015-2016)
Spreading Excellence and Widening Participation
Science with and for Society
European Institute of Innovation and Technology (EIT)
Euratom

¿Qué proyectos financia Horizon 2020?

Tipología general de proyectos

- ✓ Encajar con las **líneas estratégicas** propuestas.
- ✓ Aportar **valor añadido a nivel europeo** y responden a las necesidades de mejora existentes a la Comunidad Europea.
- ✓ Participación de **3 entidades independientes de 3 estados miembros de la UE o Estados Asociados**. (Excepto ERC, *SME instrument*, *co-fund* y otros).
- ✓ Presupuesto **superior a 500.000€**
- ✓ Duración entre **1 y 5 años**.

- × Aquellos que no responden a actividades I+D, demostración, etc.
- × Aquellos que tengan carácter local, regional o nacional.
- × Aquellos que no representen una innovación real sobre los avances ya existentes a nivel europeo.

¿Quién puede participar?

- ✓ Cualquier entidad jurídica establecida en cualquier país de la UE, países asociados o terceros países, como por ejemplo:
 - ✓ Universidades y grupos de investigación.
 - ✓ Grandes empresas.
 - ✓ Asociaciones de empresas.
 - ✓ **PYME.**
 - ✓ Administraciones Públicas.

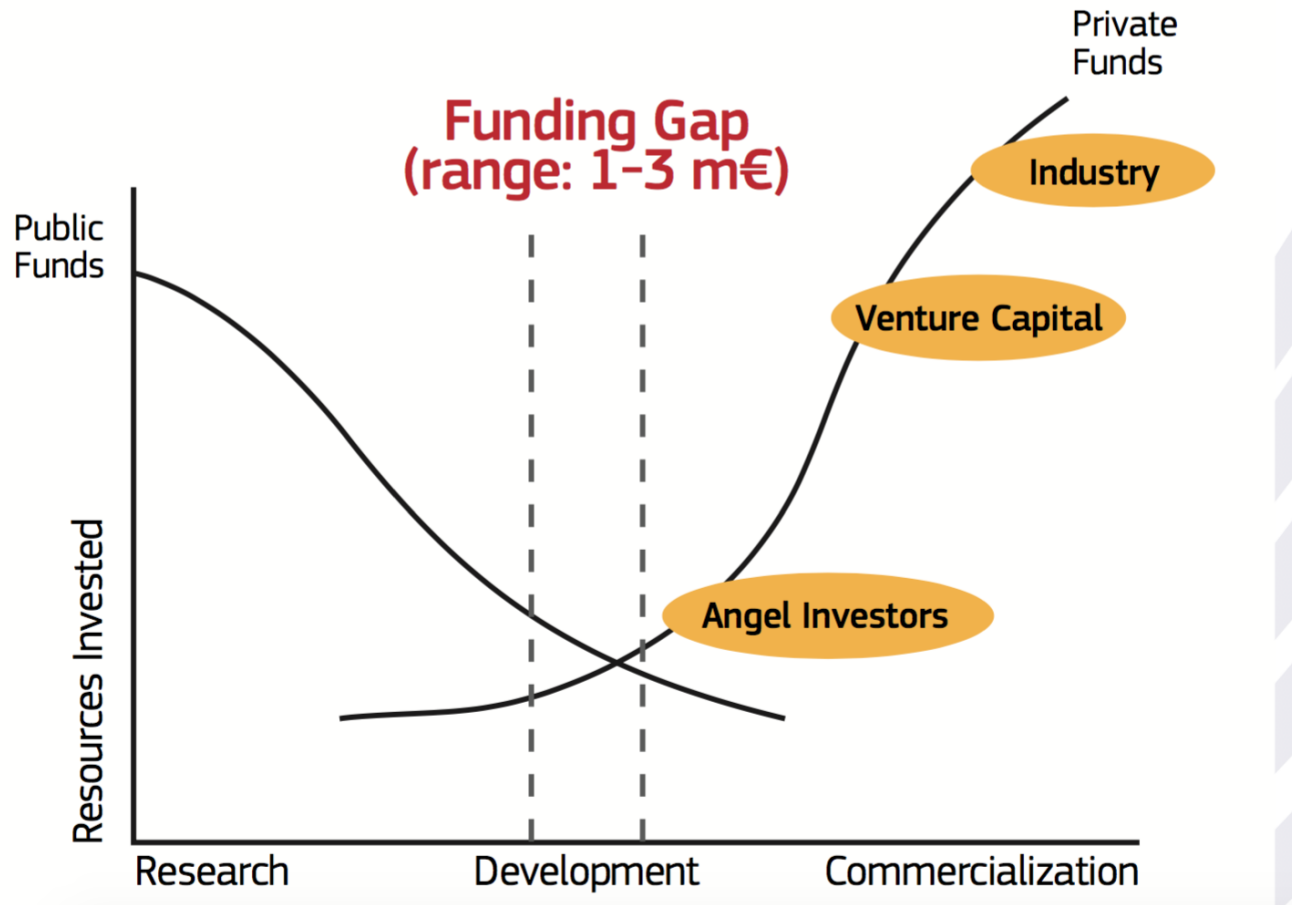
Cuándo?

Convocatorias 2016-17 publicadas!



	2016												2017											
	GEN	FEB	MAR	ABR	MAI	JUN	JUL	AGO	SET	OCT	NOV	DES	GEN	FEB	MAR	ABR	MAI	JUN	JUL	AGO	SET	OCT	NOV	DES
EXCELLENCE SCIENCE																								
European Research Council		2			26				1	4														
Future and Emerging Technologies			1	12	11				27					17							26			
Marie Skłodowska Curie Actions	12			28					14					10		5	4				14			
European Research Infrastructures			30			22			20						29									
INDUSTRIAL LEADERSHIP																								
Information and Communication Technologies	19			12							8				14	25								
Nanotech, Materials, Biotech, Processing	21				24				27					19			4							
Space			3												1									
Access to Risk Finance		16																						
SME Instrument_1		24			3			7		9				15			3			6		8		
SME Instrument_2		3		14		15			13					18		6		1			18			
Innovation in SMEs	19		17	28		30			8	18					8		4			7	18			
SOCIETAL CHALLENGES																								
Health		16		12						4				31		14	11							
Food, Agriculture, Forestry, Marine, Bioeconomy		17						13						14						13				
Energy	21	16		5				8						5	14			7		7				
Transport	20							29						26	1					27	19			
Climate, Environment, Resource, Raw materials	26		8					6							7					5				
Inclusive, innovative and reflective Societies		4		14	24									2										
Secure societies		16		12				25											24					
OTHER																								
Spreading excellence and Widening participation			4					30			15										5	15		
Science with and for society	26							30											30					
Cross-cutting activities	21		8	5	24			6	27					19	14	7	25	4			5			
Fast Track to Innovation			15			1																		
Euratom									5															

The **SME instrument** has been designed to help fill a financing gap for business innovators with international ambitions.



The instrument is structured in three phases, with the aim of transforming **disruptive ideas** into concrete, innovative solutions with a European and global impact. SMEs are recommended to apply for Phase 1, but may also apply directly for subsequent phases:

PHASE1

Concept & Feasibility Assessment
Idea to concept (6 months)

The SME will draft an initial **business proposal**.

The European Union will provide **€50 000 in funding** and business coaching.

PHASE2

Demonstration, Market Replication, R&D
Concept to Market-Maturity (1-2 years)

The SME will further develop its proposal through **innovation activities**, and draft a more developed **business plan**.

The EU may contribute between **€0.5 million** and **€2.5 million*** and provide business coaching.

PHASE3

Commercialisation
Prepare for Market Launch

The SME will receive extensive support to help polish its concept into a marketable product, and have access to **networking opportunities**.

The EU will not provide funding in this phase.

*70% funding of costs (direct costs + 25% indirect costs)

Call overview 2016-2017

Horizon 2020 Innovation in SMEs work programme

TOPICS	CALL ID	BUDGET	
		2016	2017
Open Disruptive Innovation Scheme	SMEInst-01	€60 m.	€66 m.
Accelerating the uptake of nanotechnologies advanced materials or advanced manufacturing and processing technologies by SMEs	SMEInst-02	€31.83 m.	€35.32 m.
Dedicated support to biotechnology SMEs closing the gap from lab to market	SMEInst-03	€7.5 m.	€7.5 m.
Engaging SMEs in space research and development	SMEInst-04	€11.37 m.	€12.6 m.
Supporting innovative SMEs in the healthcare biotechnology sector	SMEInst-05	€35 m.	€45 m.
Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well	SMEInst-06	€18 m.	€12.5 m.
Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors	SMEInst-07	€25.46 m.	€32.19 m.
Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth	SMEInst-08	€9.5 m.	€10 m.
Stimulating the innovation potential of SMEs for a low carbon and efficient energy system	SMEInst-09	€46 m.	€50 m.
Small business innovation research for Transport and Smart Cities Mobility	SMEInst-10	€57.57 m.	€61.23 m.
Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials	SMEInst-11	€25 m.	€27.5 m.
New business models for inclusive, innovative and reflective societies	SMEInst-12	€10.8 m.	€11.4 m.
Engaging SMEs in security research and development	SMEInst-13	€15.37 m.	€14.67 m.
TOTAL		€353.4 m.	€385.91 m.



Who should apply?

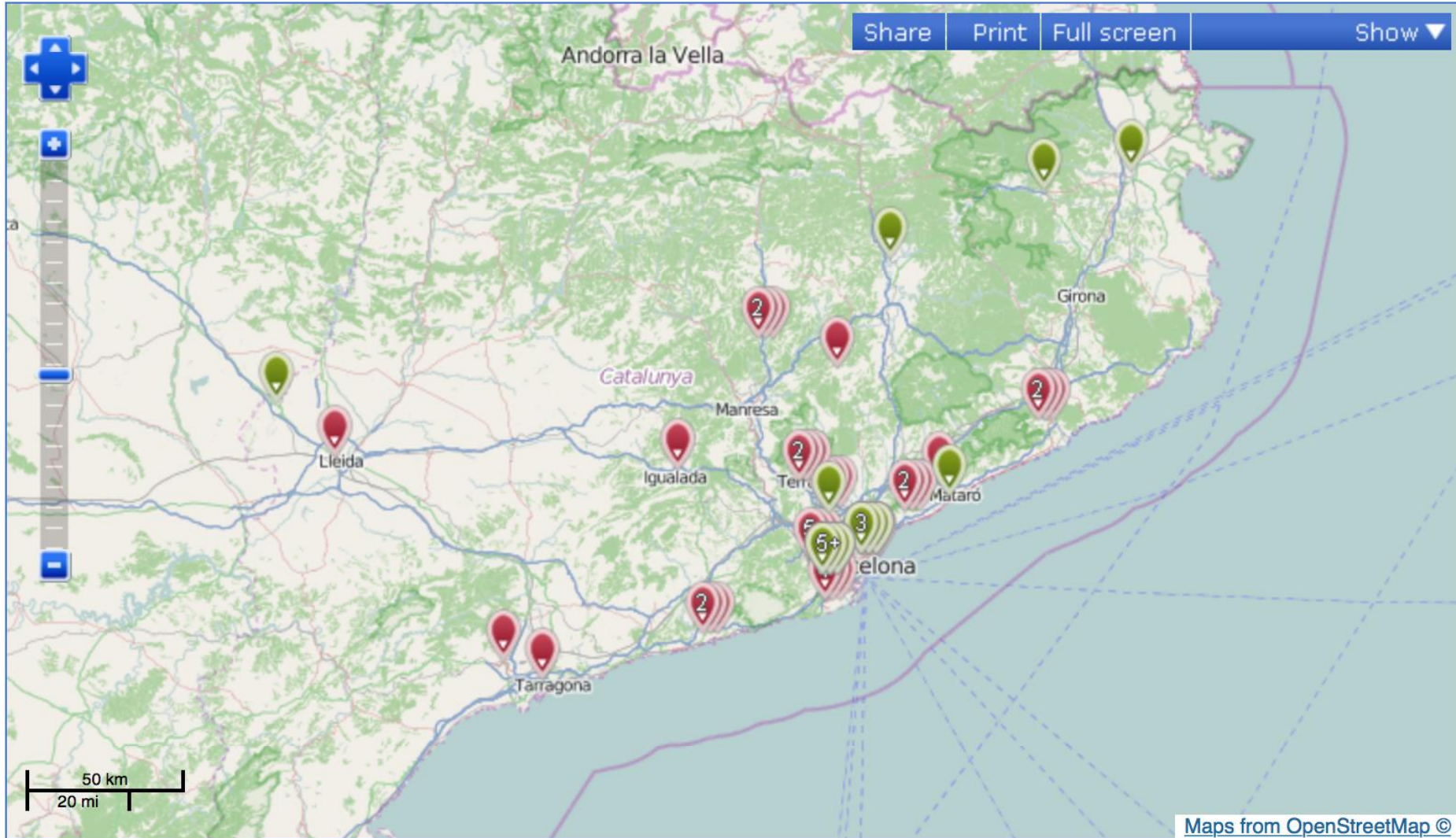
We are looking for high growth, highly innovative SMEs with global ambitions. You should be actively investing in innovation, and looking to grow. You should have been established for a while – further than the start-up stage.

Horizon 2020 SME Instrument beneficiaries

Last update: 19/11/2015

<https://ec.europa.eu/easme/en/sme-instrument-beneficiaries>

Phase 1 | Phase 2





The EU Framework Programme
for Research and Innovation

HORIZON 2020



SME instrument Phase 1

Administrative forms (Part A)
Research proposal (Part B)

Version 1.2
10 March 2014

Disclaimer

This document is aimed at informing potential applicants for Horizon 2020 funding. It serves only as an example. The actual Web forms and templates, provided in the online proposal submission system under the Participant Portal, might differ from this example. Proposals must be prepared and submitted via the online proposal submission system under the Participant Portal.



The EU Framework Programme
for Research and Innovation

HORIZON 2020



Self-evaluation form

SME instrument

Version 1.2
10 March 2014



Deadlines for all themes

Phase 1	24/02/2016	03/05/2016	07/09/2016	09/10/2016
	15/02/2017	03/05/2017	06/09/2017	08/11/2017
Phase 2	03/02/2016	14/04/2016	15/06/2016	13/10/2016
	18/01/2017	06/04/2017	01/06/2017	18/10/2017

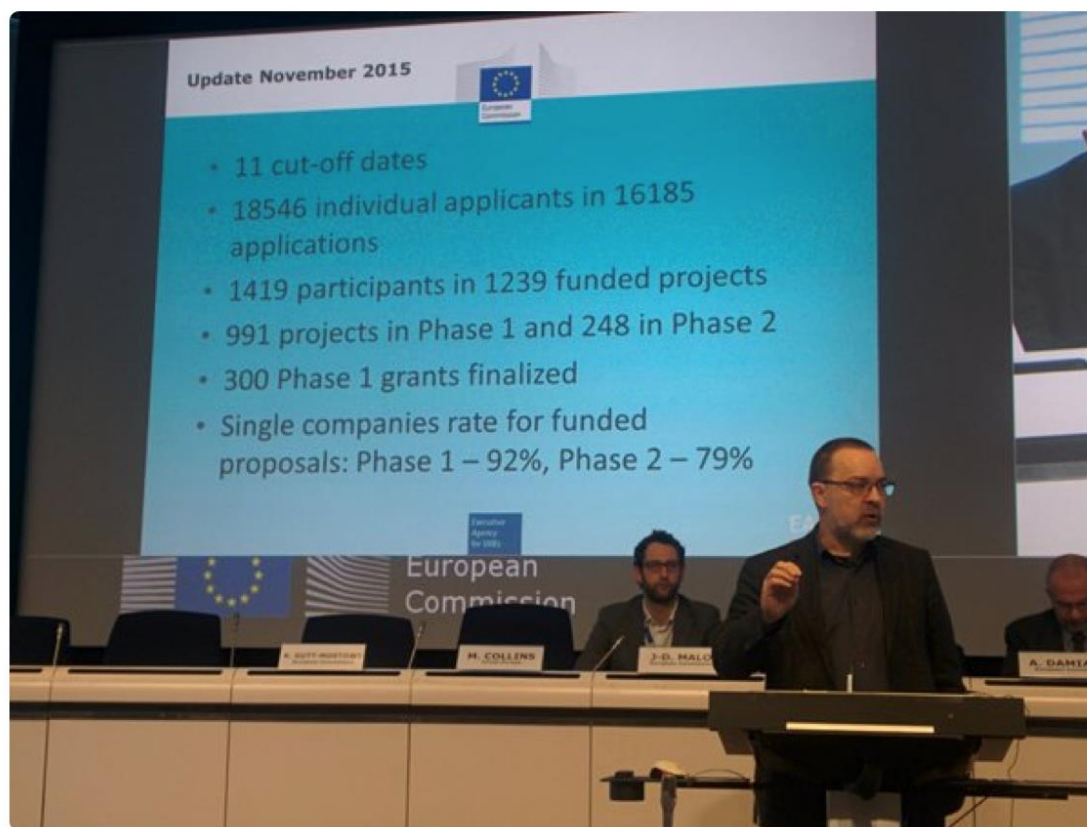


Marie Faturova

@mfaturova

+ Follow

#Bernd Reichert @ #Transport #SME
#Innovation Day: We see a lot of ideas, little commercialisation.



Fast Track to Innovation Pilot

THE ULTIMATE BOOST FOR OUTSTANDING BUSINESS INNOVATORS WITH A NEED FOR SPEED...

PREPARE YOUR PROPOSAL

Build your industry-intensive consortium*
minimum 3 partners - maximum 5 partners
(all based in the EU and / or in Horizon 2020
associated countries)

Proposal



Outstanding Business Innovation Concept
(high-readiness level / TRL 6, meaning
demonstrated in a relevant environment)

Continuous open call
until end 2016

6 months time-to-grant

DEVELOP YOUR INNOVATION

Receive an EU grant of EUR 1 million to 3 million
(70% of funding, 100% of funding for non-profit entities)

From Mature R&D
Demonstration
Market-Oriented
R&D
to Market-Mature Innovation

12-24 months for implementation

HIT THE MARKET!

Start your commercial activities



The Market
Market-Maturity to Market
Launch



Market-ready result
(finished product, service,
process/ TRL 9)

At most 36 months from grant to market

*In a consortium with 3 or 4 partners, at least 2
should be industry, and in a consortium with 5
partners, at least 3; alternatively at least 60% of
the project budget should be allocated to industry
(i.e. private for profit entities)

... AND EAGER TO COMPETE ON GLOBAL MARKETS...!

ACTIVITIES SUPPORTED

Systems validation in real working conditions – Testing – Piloting – Business model validation – Standard setting – Pre-normative research – EU quality label

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three cut-off dates in 2016:
March 15, June 1 and October 25



Apoyo a la participación a Horizon 2020

Servicios de...

- Información
- Asesoramiento / revisión de propuestas
- Búsqueda de socios
- Formación

Entidades



Business Support on Your Doorstep



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Apoyem Europa a la teva empresa



DADES H2020 - CATALUNYA	TOTAL
Subvenció rebuda per Catalunya (€)	209.501.126 €
% sobre ES	29,62%
% sobre EU-28	
% sobre H2020	2,61%
Subvenció rebuda per EMPRESES	48.992.928 €
% sobre el Total de CAT	23,39%
Subvenció rebuda per PIMES	34.579.474 €
% sobre el Total d'EMPRESES	70,58%
% sobre el Total de CAT	16,51%
Subvenció rebuda per CENTRES TECNOLÒGICS	9.398.315 €
% sobre el Total de CAT	4,49%
Subvenció rebuda per CENTRES PÚBLICS D'INVESTIGACIÓ	36.282.189 €
% sobre el Total de CAT	17,32%
Subvenció rebuda per UNIVERSITATS	44.172.163 €
% sobre el Total de CAT	21,08%
Subvenció rebuda per ALTRES	70.655.531 €

PARTICIPACIÓ H2020 ESPAI - CATALUNYA	
Total €	5.574.205,00 €
% ES	23,74%
Total EU	218.391.585,93 €
% EU	2,55%
Empreses	3.355.670,00 €
%	60,20%
PIME	3.355.670,00 €
%	60,20%
% Emp	100,00%
CT	328.750,00 €
%	5,90%
Universitats	971.792,00 €
%	17,43%
Altres	917.993,00 €

Serveis d'ACCIÓ de suport a la participació a Horizon 2020

Suport a la participació d'empreses catalanes a l'Horizon 2020

- **Servei d'assessorament**
 - Servei d'assessorament en l'estructuració de projectes d'R+D
 - **Key Account Manager**
- **Cerques de socis**
 - BBDD on-line Enterprise Europe Network
 - Brokerage Events
- **Formació**
 - Curs Gestió Projectes Europeus amb La Salle
- **Informació**
 - Butlletí, jornades informatives, etc.
 - Guia Gestió Projectes Europeus
 - Jornada Connect-EU
- **Posicionament de l'R+D Catalana a Europa**
 - Oficina de Brussel·les



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enterprise
europe
network


European
Commission

Apropem Europa a la teva empresa

Cerca de socis - ACCIÓ

Search Help

Partnering Opportunities

Search: Any word All words Compact View

Profile type(s): <input type="checkbox"/> Business Offer <input type="checkbox"/> Business Request <input type="checkbox"/> Research & Development Request <input type="checkbox"/> Technology Offer <input type="checkbox"/> Technology Request	Profile country of origin: Albania, Republic of Armenia Austria Belgium Bosnia and Herzegovina Brazil, Federative Republic of Bulgaria Canada Chile China	Client requested: Albania, Republic of Armenia Austria Belgium Bosnia and Herzegovina Brazil, Federative Republic of Bulgaria Canada Chile China
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Accedeix al cercador de socis a www.een.cat

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SAO PAULO SEÜL SYDNEY SILICON VALLEY SINGAPUR STUTTGART TEL AVIV TÒQUIO VARSÒVIA WASHINGTON DC XANGAI

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