Investing in growth and jobs

Final calls under FP7 and Horizon 2020 – the future calls

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Today's presentation

1. Why are these calls important?

2. FP7: Funding to date, 2013 Work Programme, Key figures, Key challenges, special features

3. Horizon 2020: the calls of the future
Why are these calls important?

• Research and Innovation critical for stimulating growth and jobs in Europe

• Tackling the biggest societal challenges facing Europe

• EU research funding delivering the Innovation Union

• Special attention for SMEs

• Supporting the best researchers and innovators in Europe

• Smooth transition to Horizon 2020
Who is the target?

All research actors in the EU and the 14 Associated Countries:

- Universities
- Research organisations
- Public authorities
- Large industry
- SMEs
FP7 2013 Work Programme

• Decided by the Commission on 9 July

• An investment in the future, the final and biggest ever set of calls under FP7 with an €8.1 billion stimulus for growth and jobs

• Publication on 10 July 2012: 52 calls for proposals
  • 10 days earlier than last year...

• First deadline for applications as of this month (Sept 2012)
Country profile Spain

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<tr>
<th>R&amp;D intensity target</th>
<th>3%</th>
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<td>Total number of participants, total EU financial contribution</td>
<td>6,029 participants receiving €1,731,830,130 in FP7</td>
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<td>Number of applicants</td>
<td>32,042 (9.72% of EU-27)</td>
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<td>Success rate (EU-27 = 21.5%)</td>
<td>20.0%</td>
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<td>Total Population &amp; EU 27 Population Share</td>
<td>46,152,926 (9.2% of EU-27)</td>
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<td>Top collaborative links</td>
<td>1. DE - Germany (9.151)</td>
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<td></td>
<td>2. UK - United Kingdom (7.553)</td>
</tr>
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<td></td>
<td>3. IT - Italy (7.174)</td>
</tr>
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<td>4. FR - France (6.796)</td>
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<td>5. NL - Netherlands (3.504)</td>
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Participation per regions

Spain
WP2013 Budget key figures “growth and jobs”

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<td>EU Research Budget €10,8 billion</td>
<td>• Leverage €6 billion in R&amp;I public-private investment</td>
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<td>of which Work programme funding €8,1 billion</td>
<td>• 210,000 increase in employment</td>
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<td>Cooperation themes €4,8 billion</td>
<td>• €75 billion GDP over 15 years</td>
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<td>SMEs €1,2 billion</td>
<td>• Funding more than 1300 research projects,</td>
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<td>ERC €1,75 billion</td>
<td>• Generate more than 170,000 collaborative links</td>
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<td>Marie Skłodowska Curie €963 million</td>
<td>among 15,500 participations worldwide</td>
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<td>RSFF - RSI €150 million</td>
<td>• Will fund more than 4,000 SME participations,</td>
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<td>• 40% of them directly involved in high-tech research areas such as ICT, Transport, Space, …</td>
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<td>Over 900 individual researchers funded</td>
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<td>Funding an estimated 14,800 fellows</td>
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<td>Up to €1 billion in loans for SMEs and small Mid-Caps</td>
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New special focus on key challenges (around €1.4 billion)

- Areas of serious concentration of effort, linked to other EU priorities
  - Not all-embracing (accounting for just under 1/3 of Cooperation budget)
- High potential impact; high European added value
- Anchored in a specific theme, but usually with significant cross-cutting dimension
  - Mobilizing different budget lines helps to increase impact
- Further links with other smaller actions, elsewhere in WP (linked to the "cross-cutting effect")
The key challenges

Important for citizens, important for Europe:
- Oceans of the future
- Water
- Raw materials
- Smart Cities
- Secure clean and efficient energy
- Improving delivery of Public Sector Services
- Brain research
- Anti-microbial resistance
- Bio Resource Efficiency
Increased emphasis on innovation

**Exploitation of existing research results (at least €220 M)** Both EU and non-EU funded results, in five Cooperation themes with specific actions + ERC “proof of concept” grants

**Demonstration, validation and up-scaling projects (at least €265 M)** dedicated demo topics in five Cooperation themes

**Demand-driven innovation** supporting pre-commercial procurement, standardisation, regulatory needs analyses contributing to the aims of European Innovation Partnerships

**Prizes** for women innovators and for innovation in public administrations

**Public sector innovation e.g.** via a European Prize for Innovation in Public administration and an expert groups related to innovative public procurement

**Social innovation**, e.g. transnational networks for incubators (CDRP) + specific topics under Health, KBBE, ENV, TPT, research in SSH

**Service innovation**, including process and organisational innovation (e.g. ENV)
Special focus on SMEs

More than 1.2 billion package

- Cooperation: around €970 M allocated to the support of SMEs
  (includes €140 M for continuation of a pilot action dedicated to SMEs in Health)
- Capacities: €252 M "Research for the benefit of SMEs"

Risk-Sharing Finance Facility – Risk Sharing Instrument (RSFF - RSI)

Cooperation: €150 million boost for RSI loan guarantee facility for SMEs / small mid-caps => leveraging €1 billion loans for R&I
In summary....
...these calls pave the way for Horizon 2020

- Promoting excellence, wherever it is found
- Focusing on strategic priorities
- Boosting innovation
- Helping firms move from idea to market
- Special attention for SMEs
Horizon 2020: What’s new

- **A single programme** bringing together three separate programmes/initiatives (FP, CIP and EIT)
- **Coupling research to innovation** – from research to retail, all forms of innovation
- **Focus on societal challenges** facing EU society, e.g. health, clean energy and transport
- **Simplified access**, for all companies, universities, institutes in all EU countries and beyond.
Three priorities

1. **Excellent Science**
   - ERC, FET, Marie Curie and infrastructures

2. **Industrial Leadership**
   - Leadership in enabling and industrial technologies, access to risk finance and innovation in SMEs

3. **Societal challenges**
   - Six societal challenges on Health, Food, Energy, Transport, Climate and Societies

EIT will combine research, innovation & training in knowledge and Innovation Communities across priorities 2 and 3

JRC will provide a robust, evidence base for EU policies
Simplification

- **Single set of** simpler and more coherent participation **rules**
- New **balance between trust and control**
- Moving from several **funding rates** for different beneficiaries and activities to just two
- Replacing the four methods to calculate overhead or «indirect costs» with a **single flat rate**
- Major simplification under the **forthcoming financial regulation**
- **Successful applicants to get working more quickly:** reduction of average time to grant by 100 days (current average of around 350 days under FP7)
Horizon 2020 – State of Play

**Ongoing:** Parliament and Council negotiations on the basis of the Commission proposals

**Ongoing:** Parliament and Council negotiations on EU budget 2014-2020 (including overall budget for Horizon 2020)

**Mid 2013:** Adoption of legislative acts by Parliament and Council on Horizon 2020

**1/1/2014:** Horizon 2020 starts, launch of first calls
Tips and advice

- FP is highly competitive: average success rate is around 20%
  - **But it is not a lottery!**
- Prepare yourself in good time. Contact your NCPs
- Check the eligibility criteria
- You must align your proposal with the work programme (WP)
  - “Squeezing” a marginally relevant proposal into call never works!
- Don’t forget the ‘expected impact’
- Put yourself in the mind of the experts
- Ask a disinterested colleague look at your proposal, using the Commission criteria
- Be clear and concise, and obey the page limits
- Submit early, submit often!
  - **Revise your proposal once it’s uploaded in the Electronic Submission Service**
Participant Portal

For more information on the calls and the research programmes:

http://ec.europa.eu/research/participants/portal/page/home
Thank you