

## R&D and Government Incentives alert

### News you can count on

13 December 2013



#### Horizon 2020 - first calls

The 2014 calls for proposals under the Horizon 2020 programme have been published. They can be accessed via the [EC Participant Portal](#).

#### Twelve focus areas

Compared with the Seventh Framework Programme (FP7), there are relatively fewer calls and topics. The Work Programme reflects the strong challenge-based approach of Horizon 2020, allowing applicants to have considerable freedom to come up with innovative solutions.

Twelve areas have been identified for special focus in the first Horizon 2020 Work Programme. These areas represent around 15% of the total number of calls covered by the Work Programme and amount to a total 2014 budget of €2 billion. They are:

Area		Budget 2014
1. Personalising health and care	This area aims at developing better diagnostics, therapies, health promotion and disease prevention strategies at the personal and population levels, as well as technologies to support healthy ageing and this area aims at delivering breakthrough research and innovation in poverty related and antibiotic resistant infectious diseases	€549 million
2. Sustainable food security	This area aims at developing competitive and resource-efficient aquatic and terrestrial food production systems and technologies for a sustainable food chain, as well as promoting safe foods and healthy diets for all and understanding the global drivers for food security.	€138 million
3. Blue growth: unlocking the potential of seas and oceans	The calls in this area invite, for example, proposals on Atlantic observation systems, an integrated response capacity to oil spills and marine pollution, climate change impacts on fisheries and aquaculture and ocean literacy.	€100 million

4. Digital security	This area focuses on basic research and also the economic and societal dimension of security and privacy in the digital ecosystem. In particular, research into activities which aim to increase the security of current applications, services and infrastructures and support the creation of lead markets and market incentives in Europe	€47 million
5. Smart cities and communities	Research carried out under this area will aim at finding solutions with high market potential in fields such as energy efficiency in neighborhoods, providing digital services and information for citizens or smart mobility services.	€92 million
6. Competitive low-carbon energy	The aim of this area is to cover a wide range of technology, combining R&D with market uptake and by addressing non-technological issues (standardization, social sciences and humanities, impact analysis, etc.). One of the challenges is the integration of next-generation renewable energy technologies into the future energy system.	€359 million
7. Energy Efficiency	Activities under this area will deliver energy savings in the building and industry sectors to carry out research and demonstration of more energy-efficient solutions and to facilitate policy implementation and skills development.	€98 million
8. Mobility for growth	The aim of this area is the deployment of innovative traffic management and information systems, advanced traveler services, efficient logistics and construction and maintenance technologies.	€375 million
9. Waste: a resource to recycle, reuse and recover raw materials	Research activities address the whole production and consumption cycle. The calls provide stakeholders from different sectors with the opportunity to work together in new ways. Citizens will also be involved in developing and testing innovative solutions for waste prevention and management.	€73 million
10. Water innovation: boosting its value for Europe	Specific actions under this area will include bringing innovative water solutions to the market, harnessing water research and innovation results for the benefit of industry, policy makers and citizens in Europe and worldwide as well as integrated approaches to water management and climate change.	€67 million
11. Overcoming the crisis: new ideas, strategies and governance structures for Europe	Actions encompass socio-economic research on ways to make economic and monetary union resilient and sustainable, the European growth agenda, the social, political and cultural consequences of and responses to the crisis and other political challenges for Europe.	€35 million

12. Disaster-resilience: safeguarding and securing society, including adapting to climate change	In the calls there are offers of funding for enhancing the performance of electric vehicles, making our critical infrastructures more resilient against climate extremes, improving our understanding of the complex interactions that take place between ecosystems, better using of Earth observation data systems for exchanging environmental etc.	€72 million
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