

30 November 2011

## Factsheet: FP7 Cooperation themes in Horizon 2020

Horizon 2020 will go beyond FP7 in scope and ambition. However, FP7 is already tackling many of the challenges that H2020 will, and the themes it focuses on will be integrated into the Horizon 2020 programmes. This approach also links directly to EU policy goals in areas such as agriculture, energy, environment, transport and security.

Compared with FP7, this approach will emphasise funding for projects that solve specified challenges (or particular aspects of them), as opposed to prescribing the specific research topics that must be addressed. In many cases, it will mean multi-disciplinary, multi-actor actions that bring together different competences across Europe and beyond.

Despite this change in approach, the societal challenges and key enabling technologies identified for Horizon 2020 will provide a measure of continuity with the ten FP7 themes in the Cooperation programme. Furthermore, the FP7 Work Programmes for 2012 and 2013 have been specifically tailored to prepare the ground for H2020.

<b>FP7 Cooperation programme "Theme"</b>	<b>Horizon 2020 Pillar</b>	<b>Horizon 2020 activity</b>
Health	Societal challenges	Health, demographic change and wellbeing challenge;
Food, Agriculture and Fisheries, and Biotechnology	Societal challenges  Industrial leadership	Food security, sustainable agriculture and the bio-economy challenge  Biotechnology
Information and Communication Technologies	Industrial Leadership  Societal challenges	Leadership in enabling and industrial technologies: Information and Communication Technologies (ICT)  Applications within relevant challenges
Nano-science, nano-technologies and new production technologies	Industrial Leadership	Leadership in enabling and industrial technologies: Support for enabling technologies

	Societal challenges	Applications within relevant challenges
Energy includes follow-up to CIP intelligent energy programme	Societal challenges	Secure, clean and efficient energy challenge
Environment (including climate change and CIP eco-innovation actions)	Societal challenges	Climate action, resource efficiency including raw materials challenge
Transport (including Aeronautics)	Societal challenges	Smart, green and integrated transport challenge
Socio-economic science and humanities	Societal challenges	Inclusive, innovative and secure societies challenge and applications within all other societal challenges.
Space	Industrial Leadership	Leadership in enabling and industrial technologies: Space
Security	Societal challenges	Inclusive, innovative and secure societies challenge.

In addition, some elements of the current Themes cut across several of the Horizon 2020 challenges and the enabling and industrial technologies and will also be supported through the Future and Emerging Technologies objective