

International Cooperation between EU and USA in the 7th Framework Programme Indicative Orientations for the Calls-2013 filtered by research themes

Disclaimer:

This brochure contains the orientation for the next FP7 Calls specifically targeting cooperation with USA, the content is based on draft and provisional documents and official information will be available on the Participant Portal (<http://ec.europa.eu/research/participants/portal/page/home>) .

Background:

The European Union has developed **international scientific cooperation** (INCO) over the last 25 years to address the needs and opportunities of an interconnected world, and to contribute to peace and prosperity for European citizens. Europe wants to play a leading role in the world's research arena and help build a safe future.

With industrialized and major emerging economies, priorities for coordinated S&T cooperation should focus on areas of mutual interest requiring broad international efforts to address global S&T and societal challenges.

The approach regarding international cooperation under the 7th Framework Programme (the funding instrument for scientific research of the European Union) aims to integrate international S&T collaboration throughout the Framework Programme and to enable both geographical and thematic targeting.

FP7 allows **participation of legal entities established in third countries**, provided that the minimum requirement for European participants is met.

Third country participants can be granted funding if at least one of the following conditions is satisfied:

- A provision is made to that effect in the relevant specific programme or work programme;
- The funding is essential for carrying out the project;
- Such funding is provided for in a bilateral scientific and technological agreement.

To maximise impact, funding for **international research activities is spread throughout the 7th Framework Programme**, in particular in the thematic priorities of the **Cooperation Programme** where all ten themes have an important international dimension, but also dedicated actions and calls for third countries.

The **Ideas Programme** supports excellence in frontier research and enables individual top international researchers to participate in Europe-led teams.

The **People Programme** meets the need to foster both incoming and outgoing international mobility of researchers.

The resources for international cooperation explicitly earmarked in the 7th Framework Programme are the activities fully dedicated to international cooperation under the **Capacities Programme**. No "ring-fencing" is provided for international cooperation elsewhere in the Framework Programme.

Theme	Opening	Closure	Focus on International Cooperation with the US
COOPERATION			
Health	10/07/2012	02/2013	In recognition of the opening of NIH12 programmes to European researchers, participants established in the United States of America are entitled to participate and to receive funding in all topics under the FP7-HEALTH-2013-INNOVATION-1 call.
Food, Agriculture and Fisheries, Biotechnology	10/07/2012	02/2013	International cooperation is supported and encouraged throughout all the activities and all topics are open to third countries participation. Specific support to international cooperation in WP2013 will be based on a mutual benefits' approach and will focus on key strategic partners, in line with the scope and priorities of the Strategic Forum for International S&T Co-operation, and industrialised partners such as the members of the International KBBE Forum.
Information & communication technologies	10/07/2012	15/01/2013	<u>Specifics Topics:</u>
			- (ICT-2013.2.2) Robotics use cases & Accompanying measures; - (ICT-2013.10.3) International partnership building and support to dialogues – Horizontal International Cooperation Actions - (ICT-2013.9.8) Coordinating communities, identifying new research topics for FET Proactive initiatives and fostering interdisciplinary dialogue
			- (ICT-2013.9.1) Challenging current Thinking - (ICT-2013.9.4) International cooperation on FET research
	10/07/2012	12/03/2013	
	12/09/2012	29/01/2013	- (ICT-2013.9.5) FET-Open Xtrack

<p>Nanosciences, nanotechnologies, materials & new production technologies</p>	<p>10/07/2012</p>	<p>23/10/2012 04/12/2012</p>	<p>The general focus is on subjects which are in the interest of European industries and lead to "win-win" scenarios.</p> <p>Two topics in the Factories of the Future PPP (FoF.NMP.2013-3 <u>Workplaces of the future: the new people-centred production site</u> and FoF.NMP.2013-9 <u>Advanced concepts for technology-based business approaches addressing product-services and their manufacturing in globalised markets</u>) are particularly suitable for collaboration at international level, particularly under the IMS (Intelligent Manufacturing Systems) scheme.</p>
<p>Energy</p>	<p>10/07/2012</p>	<p>28/11/2012 04/12/2012 08/01/2013 24/01/2013</p>	<p>All activities are open to researchers and research institutions from third countries and strong efforts are made to encourage them to seize this opportunity. Particular attention is paid to support strategic bilateral agreements and dialogues.</p>

<p>Environment (including global change)</p>	<p>10/07/2012</p>	<p>16/10/2012</p>	<p>Efforts will focus on actions that reflect the overarching messages and objectives of Rio+20 and the recent Durban outcome: green economy and sustainable development, paying attention to the Millennium Development Goals and strengthened international climate action.</p> <p><u>Actions dedicated to international cooperation:</u></p> <ul style="list-style-type: none"> - (ENV.2013.6.1-1) Climate-related ocean processes and combined impacts of multiple stressors on the marine environment - (ENV.2013.6.1-2) Atmospheric processes, ecosystems and climate change - (ENV.2013.6.1-3) Impacts of higher-end scenarios (global average warming > 2 °C with respect to pre-industrial level) - (ENV.2013.6.1-4) Land cover and land-use change and climate change mitigation - (ENV.2013.6.1-5) Quantification of consumption-based emissions of greenhouse gases and assessment of policy options - (ENV.2013.6.1-6) Economics of adaptation to climate-change - (ENV.2013.6.2-6) Improved monitoring of the impact of cultivation on the environment using global Earth Observations - (ENV.2013.6.3-3) Contribution to the assessment of global water resources through the use of new Earth Observation datasets and techniques - (ENV.2013.6.4-3) Coasts at threat in Europe: tsunamis and climate-related risks - (ENV.2013.6.5-1) Accelerating progress towards the Green Economy - (ENV.2013.6.5-4) Knowledge platforms, networking and uptake of research results for more strategic international R&I cooperation – FP7-ENV-2013-one-stage (In this topic, the North Atlantic is one of the targeted region).
--	-------------------	-------------------	---

<p>Transport (including aeronautics)</p>	<p>10/07/2012</p>	<p>14/11/2012</p>	<p>All activities are open to researchers and research institutions from third countries. In some areas of mutual interest, enhanced participation of certain third countries is emphasised where relevant expertise, opportunities and common challenges are identified.</p> <p><u>Specifics topics:</u></p> <ul style="list-style-type: none"> - (AAT.2013.2-1) Airports (Targeted country/region: USA) - (AAT.2013.3-1) Human factors (Targeted country/region: ICPC and/or other third countries - e.g. Canada, USA) - (AAT.2013.4-2) Design systems and tools (Targeted country/region: USA) - (AAT.2013.7-2) Coordinating research and innovation in the field of sustainable alternative fuels for Aviation (Targeted country/region: ICPC and/or other third countries - notably USA, Brazil) - (SST.2013.1-3) ERA-NET Plus 'Advanced systems, materials and techniques for next generation infrastructure' (Targeted country/region: USA) - (SST.2013.4-3) Biomechanics and advanced digital human body models and testing for vehicle safety (Targeted country/region: ICPC and/or other third countries - e.g. USA, Japan) - (SST.2013.5-3) Innovative, cost-effective construction and maintenance for safer, greener roads (Targeted country/region: USA)
<p>Socio-economic sciences and Humanities</p>	<p>12/07/2012</p>	<p>31/01/2013</p>	<p>Participation of (a) relevant non-EU country partner(s) could enhance the scientific and technological excellence of projects and enable the research to have more impact.</p> <p><u>Specifics topics:</u></p> <ul style="list-style-type: none"> - (SSH.2013.2.1-3) The role of multinational companies in addressing global development challenges - (SSH.2013.4.3-2) Transatlantic Social Sciences and Humanities Platform

Space	12/07/2012	21/11/2012	International Cooperation In the context of international cooperation, a diversified approach is a key element in Europe's space policy. Candidates for cooperation among other established or emerging space powers are the United States, Russia, Canada, People's Republic of China, India, and the Ukraine.
Security	10/07/2012	22/11/2012	International Cooperation: All actions of the Security theme are open to international cooperation to industrialised countries as well as to ICPC countries. As a specific action, a number of topics are earmarked for an enhanced international cooperation, through a recommended participation of International Cooperation (INCO) partners, following current discussions and workshops with relevant international research partners, and in particular with US homeland security research entities.

Theme	Opening	Closure	Focus on International Cooperation with the US	
IDEAS				
European research Council	ERC Starting Grant, 10/07/2012	17/10/2012	The programme is open to third countries, but the research activities should be carried out in the EU.	
	ERC Consolidator Grant, 07/11/2012	21/02/2013		
	ERC Advance Grant, 10/07/2012	22/11/2012		
	ERC Sinergy Grant, 10/10/2012	10/01/2013		
PEOPLE				
Action		Call ID	Date of publication of Calls	Call Deadline
IAPP Industry –Academia Partnerships and Pathways		FP7-PEOPLE-2013-IAPP	July 2012 (tbc)	December 2012 (tbc)
ITN Initial Training Networks		FP7-PEOPLE-2013-ITN	July 2012 (tbc)	December 2012 (tbc)

COFUND Co-funding of Regional, National & International Programmes	FP7-PEOPLE-2013 -COFUND	July 2012 (tbc)	December 5, 2012 (tbc)
IRSES International Research Staff Exchange Scheme	FP7-PEOPLE-2013-IRSES	October 2012 (tbc)	January 2013 (tbc)
IEF Intra-European Fellowships	FP7-PEOPLE-2012-IEF	13 March 2012	August 16, 2012
IIF International Incoming Fellowships	FP7-PEOPLE-2012-IIF	13 March 2012	August 16, 2012
IOF International Outgoing Fellowship	FP7-PEOPLE- 2012-IOF	13 March 2012	August 16, 2012
CIG Career Integration Grants 2nd cut-off	FP7-PEOPLE-2012-CIG	October 2011	September 18, 2012
IEF Intra-European Fellowships	FP7-PEOPLE-2013-IEF	2013 (tbc)	2013 (tbc)
IIF International Incoming Fellowships	FP7-PEOPLE-2013-IIF	2013 (tbc)	2013 (tbc)
IOF International Outgoing Fellowship	FP7-PEOPLE- 2013-IOF	2013 (tbc)	2013 (tbc)
CIG Career Integration Grants	FP7-PEOPLE-2013-CIG	2013 (tbc)	2013 (tbc)



BILAT-USA (Grant Agreement no: 244434) Project is co-funded by the European Union's Capacities Programme on International Cooperation under the 7th Framework Programme of the European Union

<http://www.euussciencetechnology.eu/bilat-usa>

