

International Cooperation between EU and USA in FP7

1) Open Calls

Research Theme	Topic Identifier	Topic	USA related requirements / expected impact
Energy	ENERGY.2011.5.2-1	Understanding the long-term fate of geologically stored CO ₂	The active participation of relevant partners from the Carbon Sequestration Leadership Forum, in particular the U.S. and Canada, could add to the scientific and/or technological excellence of the project(s) and/or lead to an increased impact of the research to be undertaken. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=315
Energy	ENERGY.2011.10.2-1	Pilot International Researcher Exchange in the field of energy research (US and Japan)	In addition to minimum eligibility criteria, proposals must contain partners from either the US or Japan. The potential participants in this action are energy research entities from the EU, US and Japan. These will form a <i>partnership</i> that will implement a reciprocal <i>exchange programme</i> , by seconding and/or hosting eligible researchers. A <i>partnership agreement</i> in this action shall be established either on the one hand between a <i>consortium</i> of a at least two independent participants established in at least two different EU Member States or Associated Countries, and one or more <i>partner organisation(s)</i> located in the US or on the other between a <i>consortium</i> of a at least two independent participants established in at least two different EU Member States or Associated Countries, and one or more <i>partner organisation(s)</i> located in Japan. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=316
Food Agriculture & Fisheries, & Biotechnology (FAFB)	KBBE.2011.1.1-01	Promoting conifer genomic resources	Participation of relevant partners from Canada and the US will add to the scientific and/or technological excellence of the project and ensure effective uptake of on-going international efforts in the area of conifer genome sequencing. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=333
FAFB	KBBE.2011.1.3-03	European inter-professional network addressing zoonotic diseases transmitted via	The project will have an impact on public and animal health and animal welfare. It will contribute to the transfer of knowledge to different layers of society. It will create a multisectorial and multidisciplinary inter-professional European network including policy makers and sociologists, addressing in a comprehensive approach the Companion animals in society and their implication in the transmission of pathogens affecting humans and / food animals. Projects supported under this topic should integrate

		companion animals	relevant partners from US (USDA and CDC), Australia, New Zealand and Canada. The participation of partners from those countries is important to achieve the expected impact of the research to be undertaken. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=333
FAFB	KBBE.2011.2.2-02	New technologies and tools and their potential application to Nutrition research	Understanding of the potential and limitations of the latest techniques in nutrition research. Scientific and technological breakthroughs in the development of integrated tools and methods for nutrition research. Contributing to a harmonisation of methodologies worldwide. The European added value lies in exploiting and Developing cutting edge-technologies and methodologies for the scientific community in the nutrition field. Projects supported under this topic should integrate relevant partners from Australia, Canada, the USA and New Zealand. The participation of partners from those countries is important to achieve the expected impact of the research to be undertaken. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=333
FAFB	KBBE.2011.2.2-03	Long-term influence of early nutrition on health	A better understanding of the impact of early nutritional programming on health during childhood, adolescence and adults in specific subgroups of the population. Identification of the nutritional needs of pregnant women in Europe. The results should lead to recommendations on optimal nutrition before and during pregnancy, and during the breastfeeding period and the early life of infants with special reference to later health development of offspring. Projects supported under this topic should integrate relevant partners from the Page 49 of 100 USA, the participation of which is important to achieve the expected impact of the research to be undertaken. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=333
FAFB	KBBE.2011.4.-02	Support to European Commission (EC) activities related to international co-operation with Australia-Canada-New Zealand and with the USA	A wide co-ordination of research activities in the area of Food, Agriculture, Fisheries and Biotechnologies among the EU and major partners such as Australia, Canada, New Zealand and the US, would not only scale up the bilateral co-operations according to the S&T co-operation agreements with each of these countries, but would also foster the multilateral co-operation and broader international efforts, needed to tackle global challenges relevant to the Bio-Economy world-wide. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=333
INCO	FP7-INCO-2011-7 INCO-LAB	Strengthening European research facilities in third countries	The call will target joint institutes located in the following countries: Area 1: Brazil, Area 2: China, Area 3: India, Area 4: Japan, Area 5: Russia, Area 6: USA The outcomes of the activity should be: Broadening of the European participation in the joint institutes while ensuring gender balance; Increased cooperation with targeted third countries; Increased visibility

			and scientific excellence of the joint institutes; Help maximising the initial investment of a small number of Member States to benefit the whole European Union; Foster future collaborative research projects between European and third countries in areas of mutual interest and for mutual benefit. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=353
Socio-economic Sciences and Humanities (SSH)	SSH.2011.4.3-1	Transatlantic relations in the context of global governance architecture and relationships with other powers	Transatlantic relations have been a key component of the external relations of the EU and the US. At the same time, both patterns of convergence and of divergence have emerged –both in public opinion and governmental policies- over time with regard to economic, environmental, security and human rights issues and concerning the stand towards multilateral institutions. Research should highlight how the EU and the US relate to each other and to other countries, the role of notions of leadership and how it can be exercised utilising normative means or projecting power, regions and international institutions in historical perspective and the changing geopolitical context; what forms of cooperation or competition took place and may emerge in the future (e.g. in the relations with Latin America, Asia, with the Russian Federation and other regions and countries), how leadership is exercised in regional and global fora on security, trade, financial or environmental issues. The implications of closer EU/US cooperation and/or competition for the global governance architecture should be examined –including with regard to formal (e.g. UN) as well as informal (e.g. G7, G8, G20) institutions and legally binding or not binding agreements (e.g. Kyoto Protocol and Copenhagen Accord), the moves towards a more inclusive governance architecture and the consideration of issues of accountability and effectiveness. http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=336
Space	SPA.2011.2.1-01	Exploitation of space science and exploration data	The Work Programme topic on space science and exploration is open to international cooperation and should focus on downstream R&D activities complementing space missions, such as the effective scientific exploitation of existing data. Missions currently in operation produce data sets of potentially immense value for research but may need additional funding for a more comprehensive interpretation. Cooperation with international partners from third countries (ICPC) ²⁹ , or countries with S&T agreements, as well as other space-faring nations (e.g. US, Japan) will help to expand the use of data, the corresponding data processing and management methods in third countries, and enhance the relations with established space powers. Therefore such international partners <i>will be eligible to participate and to be funded</i> . http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=334
Space	SPA.2011.2.1-02	Research and development for space exploration	The participation of SMEs, the inclusion of international partners (from third countries (ICPC), countries with S&T agreements as well as other space-faring nations (such as the US and Japan) will help to advance technology and enhance the relations with established space powers. These aspects

			<p>should be taken into account in the proposal. International partners will be eligible to participate and to be funded.</p> <p>http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=334</p>
Space	SPA.2011.2.3-01	Prevention of impacts from Near Earth Objects (NEOs) on our Planet	<p>As several space-faring nations have reached a level of technical capability and scientific expertise, which might be sufficient to develop potentially successful strategies to prevent an impact, research proposals in this domain should be conducted with the appropriate international participation, in particular from Russia, the USA or Japan. Such international partners <i>will be eligible to participate and to be funded</i>.</p> <p>http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=334</p>
Space	SPA.2011.3.2-02	Facilitating access to space for small scale research missions	<p>The active participation of international partners (from third countries (ICPC)), countries with S&T agreements as well as other space-faring nations (such as the US and Japan) is mandatory (eligibility criteria), and this has to contribute to the scientific and technological excellence of the project and/or lead to an increased impact of the project's results.</p> <p>International partners <i>will be eligible to be funded</i>. Proposers should therefore clarify how this international cooperation gives added value to European capacities.</p> <p>http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=334</p>
Transport (incl. Aeronautics)	TPT.2011.1-2	Transport needs for an ageing society	<p>Targeted country/region: ICPCs and/or other countries (e.g. USA, Japan, etc)</p> <p>http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.CooperationDetailsCallPage&call_id=341</p>
Transport (incl. Aeronautics)	TPT.2011.2-2.	Enhanced cross-fertilization and synergies in research actions dealing with safety aspects	<p>Targeted country/region: ICPCs and/or other countries (e.g. USA, Japan, etc)</p> <p>http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.CooperationDetailsCallPage&call_id=341</p>
Transport (incl. Aeronautics)	TPT.2011.3-1.	A productive international cooperation to strengthening the European Transport research area and facing global challenges	<p>Targeted country/region: ICPCs and/or other countries (e.g. USA, Japan, etc)</p> <p>http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.CooperationDetailsCallPage&call_id=341</p>

2) Calls to be opened shortly (foreseen publication date being 28 September 2010)

Research Theme	Topic Identifier	Topic	USA related requirements / expected impact
Information & Communication Technologies (ICT)	ICT-2011.1.3	Internet-connected objects	Analysis of international research agendas and preparation of concrete initiatives/projects for international collaboration, notably with China, Japan, USA and Brazil. http://rp7.ffg.at/ikt_ausschreibungen
Information & Communication Technologies (ICT)	ICT-2011.3.3	New paradigms for embedded systems, monitoring and control towards complex systems engineering	Analysis of international research agendas and preparation of concrete joint R& D initiatives for international collaboration, in particular with the USA mainly in the area of SoS and Western Balkan Countries (WBC), mainly in the monitoring and control area. Separate proposals per geographic area are expected http://rp7.ffg.at/ikt_ausschreibungen
Information & Communication Technologies (ICT)	ICT-2011.3.4	Computing Systems	The purpose is to analyse international research agendas and to prepare concrete initiatives for international collaboration, in particular with the USA, India, China and Latin America, for all topics of this objective. Separate proposals per geographic area are expected. http://rp7.ffg.at/ikt_ausschreibungen
Information & Communication Technologies (ICT)	ICT-2011.3.6	ICT-2011.3.6 Flexible, Organic and Large Area Electronics and Photonics	Targeted international cooperation activities particularly with Japan, South Korea, Taiwan and the USA, aiming at the identification and development of "win-win" cooperation. http://rp7.ffg.at/ikt_ausschreibungen
Information & Communication Technologies (ICT)	ICT-2011.5.2	Virtual Physiological Human	A maximum of EUR 3 million will be reserved for third country participants from USA, Japan, Canada, Australia, New Zealand. http://rp7.ffg.at/ikt_ausschreibungen