

# **UK Review of the balance of competences**

## **VII) Research and Development**

### **1. Research and Technology: Horizontal Aspects\***

#### **1.1 Framework Programme (general)**

FP7 Monitoring Reports 2007-2011

[http://ec.europa.eu/research/evaluations/index\\_en.cfm?pg=fp7-monitoring](http://ec.europa.eu/research/evaluations/index_en.cfm?pg=fp7-monitoring)

Evaluation of the Seventh Framework Programme (includes the "Interim Evaluation of the Seventh Framework Programme - Report of the Expert Group" and "The Commission Response to the Report of the Expert Group on the Interim Evaluation of the FP7 and to the Report of the Expert Group on the Interim Evaluation of the RSFF")

[http://ec.europa.eu/research/evaluations/index\\_en.cfm?pg=fp7](http://ec.europa.eu/research/evaluations/index_en.cfm?pg=fp7)

Arnold et al., (2011) "Understanding the Long Term Impact of the Framework Programme"

[http://ec.europa.eu/research/evaluations/pdf/archive/other\\_reports\\_studies\\_and\\_documents/long\\_term\\_impact\\_of\\_the\\_fp.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/other_reports_studies_and_documents/long_term_impact_of_the_fp.pdf)

Simmonds et al., (2010) "The impact of the EU RTD Framework Programme on the UK"

[http://ec.europa.eu/research/evaluations/pdf/archive/fp7-evidence-base/national\\_impact\\_studies/impact\\_of\\_the\\_eu\\_rtd\\_framework\\_programme\\_on\\_the\\_uk.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/fp7-evidence-base/national_impact_studies/impact_of_the_eu_rtd_framework_programme_on_the_uk.pdf)

Report on the Impact Assessment on the Horizon 2020 Communication and Legislative Package

[http://ec.europa.eu/research/horizon2020/pdf/proposals/horizon\\_2020\\_impact\\_assessment\\_report.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/horizon_2020_impact_assessment_report.pdf)

[http://ec.europa.eu/research/horizon2020/pdf/proposals/horizon\\_2020\\_impact\\_assessment\\_report\\_executive\\_summary.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/horizon_2020_impact_assessment_report_executive_summary.pdf) (Executive Summary)

[http://ec.europa.eu/research/horizon2020/pdf/proposals/horizon\\_2020\\_impact\\_assessment\\_annexes.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/horizon_2020_impact_assessment_annexes.pdf) (Annexes)

Horizon 2020 - Investing in success

[http://ec.europa.eu/research/horizon2020/pdf/success-stories-h2020\\_2012.pdf](http://ec.europa.eu/research/horizon2020/pdf/success-stories-h2020_2012.pdf)

The Risk-Sharing Financial Facility (RSFF)

[ftp://ftp.cordis.europa.eu/pub/news/research-eu/docs/focus-10\\_en.pdf](ftp://ftp.cordis.europa.eu/pub/news/research-eu/docs/focus-10_en.pdf)

\*Note that the horizontal issues covered under points 1.6-1.7 pertain also to innovation, while the horizontal issues covered under points 1.8-1.9 pertain to research, innovation, and education.

## 1.2 The European Research Area (ERA)

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions - A Reinforced European Research Area Partnership for Excellence and Growth (COM(2012) 392 final)

[http://ec.europa.eu/research/era/pdf/era-communication/era-communication\\_en.pdf](http://ec.europa.eu/research/era/pdf/era-communication/era-communication_en.pdf)

Commission Staff Working Document - Impact Assessment; Accompanying the document for the COM(2012) 392 final - Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions - A Reinforced European Research Area Partnership for Excellence and Growth (SWD(2012) 212 final)

[http://ec.europa.eu/research/era/pdf/era-communication/era-impact-assessment-executive-summary\\_en.pdf](http://ec.europa.eu/research/era/pdf/era-communication/era-impact-assessment-executive-summary_en.pdf)

Council Conclusions 17649/12 on A Reinforced European Research Area Partnership for Excellence and Growth as adopted by the Council Competitiveness at its meeting on 11 December 2012

[http://www.consilium.europa.eu/uedocs/cms\\_data/docs/pressdata/en/intm/134168.pdf](http://www.consilium.europa.eu/uedocs/cms_data/docs/pressdata/en/intm/134168.pdf)

Council Conclusions 10525/11 of 31 May 2011 on the "development of the ERA through ERA-related Groups"

<http://register.consilium.europa.eu/pdf/en/11/st11/st11032.en11.pdf>

The Conclusions of the European Council of 4 February 2011 calling for the ERA to be developed EUCO 2/1/11 REV 1

<http://register.consilium.europa.eu/pdf/en/11/st00/st00002-re01.en11.pdf>

Council Resolution on the developments in the governance of the European Research Area of 26.05.2010

[http://ec.europa.eu/research/era/docs/en/council-resolution-on-era-governance\\_26-05-10.pdf](http://ec.europa.eu/research/era/docs/en/council-resolution-on-era-governance_26-05-10.pdf)

Council Resolution (2009/C 323/01) of 3 December 2009 on the enhanced governance of the European Research Area (ERA)

<http://ec.europa.eu/research/era/docs/en/era-partnership-council-of-the-eu-12-2009.pdf>

Council Conclusions 16767/08 on the definition of a "2020 Vision for the European Research Area" of 9.12.2008

[http://www.consilium.europa.eu/ueDocs/cms\\_Data/docs/pressData/en/intm/104434.pdf](http://www.consilium.europa.eu/ueDocs/cms_Data/docs/pressData/en/intm/104434.pdf)

Council Conclusions 10231/08 of 29/05/2008 on the Launch of the "Ljubljana Process" - towards full realisation of ERA

<http://register.consilium.europa.eu/pdf/en/08/st10/st10231.en08.pdf>

European Research Area Committee (ERAC) Opinion on ERA Framework ERAC 1215/11 – 9 December 2011

<http://register.consilium.europa.eu/pdf/en/11/st01/st01215.en11.pdf>

High Level Panel on the Socio-Economic Benefits of the European Research Area - Final Report

[http://ec.europa.eu/research/era/pdf/high-level-panel-report\\_en.pdf](http://ec.europa.eu/research/era/pdf/high-level-panel-report_en.pdf)

Evidence of Networking in the European Research Area (2012)

[http://ec.europa.eu/research/innovation-union/pdf/evidence\\_of\\_networking\\_in\\_the\\_era.pdf](http://ec.europa.eu/research/innovation-union/pdf/evidence_of_networking_in_the_era.pdf)

Identification of Knowledge-driven Clusters in the EU (2012)

[http://ec.europa.eu/research/innovation-union/pdf/identification\\_of\\_knowledge\\_driven\\_clusters.pdf](http://ec.europa.eu/research/innovation-union/pdf/identification_of_knowledge_driven_clusters.pdf)

Knowledge-intensive (business) services in Europe (2012)

[http://ec.europa.eu/research/innovation-union/pdf/knowledge\\_intensive\\_business\\_services\\_in\\_europe\\_2011.pdf](http://ec.europa.eu/research/innovation-union/pdf/knowledge_intensive_business_services_in_europe_2011.pdf)

Capacities of regions: the Human Resources dimension in EU regional analysis (2012)

[http://ec.europa.eu/research/innovation-union/pdf/capacities\\_of\\_regions\\_the\\_human\\_resources\\_dimension.pdf](http://ec.europa.eu/research/innovation-union/pdf/capacities_of_regions_the_human_resources_dimension.pdf)

Regional Innovation in the Innovation Union (2012)

[http://ec.europa.eu/research/innovation-union/pdf/regional\\_innovation\\_in%20the\\_innovation\\_union.pdf](http://ec.europa.eu/research/innovation-union/pdf/regional_innovation_in%20the_innovation_union.pdf)

Internationalisation of business investments in R&D and analysis of their economic impact (2012)

[http://ec.europa.eu/research/innovation-union/index\\_en.cfm?pg=other-studies](http://ec.europa.eu/research/innovation-union/index_en.cfm?pg=other-studies)

Ex-post Impact Assessment study concerning the "Marie Curie Actions" under the Sixth Framework Programme

[http://ec.europa.eu/research/evaluations/pdf/archive/other\\_reports\\_studies\\_and\\_documents/ex-post\\_impact\\_assessment\\_of\\_marie\\_curie\\_actions\\_under\\_the\\_fp6.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/other_reports_studies_and_documents/ex-post_impact_assessment_of_marie_curie_actions_under_the_fp6.pdf)

Ex-Post Evaluation of the FP6-2005-RTD-OMC-NET PILOT SCHEME (a pilot scheme intended to strengthen the coordination of research policy and improve the coherence and impact of national and regional policies)

<http://ec.europa.eu/research/era/docs/en/ec-facts-figures-26.pdf>

EU Industrial R&D Investment Scoreboard

<http://iri.jrc.ec.europa.eu/scoreboard.html>

Survey on R&D Investment Business Trends

<http://iri.jrc.ec.europa.eu/survey.html>

ERAC peer review outcome – UK (2007)

[http://ec.europa.eu/invest-in-research/pdf/download\\_en/omc\\_uk\\_review\\_report.pdf](http://ec.europa.eu/invest-in-research/pdf/download_en/omc_uk_review_report.pdf)

ERAC 2013 Mutual Learning Seminars

<http://www.consilium.europa.eu/policies/era/erac/erac-mutual-learning-seminars-2013>

<http://ec.europa.eu/research/innovation-union/pdf/erac-report-2012.pdf>

### **1.3 Scientific Information (including Open Access)**

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions – Towards better access to scientific information: Boosting the benefits of public investments in research (COM(2012) 401 final)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52012DC0401:EN:NOT>

2012/417/EU: Commission Recommendation of 17 July 2012 on access to and preservation of scientific information (OJ L 194, 21.7.2012, p. 39)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32012H0417:EN:NOT>

Council Resolution 10323/08 on the management of intellectual property in knowledge transfer activities and on a Code of Practice for universities and other public research organisations

<http://register.consilium.europa.eu/pdf/en/08/st10/st10323.en08.pdf>

Commission Recommendation 2012/417/EU of 17 July 2012 on access to and preservation of scientific information

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:194:0039:0043:EN:PDF>

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52012SC0221:EN:NOT> (Executive Summary to Impact Assessment)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52012SC0222:EN:NOT> (Impact Assessment)

### **1.4 European Research Council**

ERC Advanced Grants 2012 Outcome: Indicative statistics

[http://erc.europa.eu/sites/default/files/document/file/erc\\_2012\\_adg\\_statistics.pdf](http://erc.europa.eu/sites/default/files/document/file/erc_2012_adg_statistics.pdf)

### **1.5 Research Infrastructures**

Council Regulation (EC) No 723/2009 of 25 June 2009 on the Community legal framework for a European Research Infrastructure Consortium (ERIC) (OJ L 206, 8.8.2009, p. 1)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32009R0723:EN:NOT>

[http://ec.europa.eu/research/infrastructures/pdf/esfri\\_implementation\\_report\\_2012.pdf](http://ec.europa.eu/research/infrastructures/pdf/esfri_implementation_report_2012.pdf)

## **1.6 International Cooperation**

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions – Enhancing and focusing EU international cooperation in research and innovation: A strategic approach (COM(2012) 497 final)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52012DC0497:EN:NOT>

The EU's bilateral Science and Technology agreements

<http://ec.europa.eu/research/iscp/index.cfm?lg=en&pg=countries>

## **1.7 Partnering and Joint Programming**

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: Partnering in Research and Innovation (COM(2011) 572 final)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52011DC0572:EN:NOT>

Council Conclusions 18349/11 - Partnering in Research and Innovation

<http://register.consilium.europa.eu/pdf/en/11/st18/st18349.en11.pdf>

Review of the Joint Programming Process Final Report of the Expert Group

[http://ec.europa.eu/research/era/pdf/jp-expert-group-22102012-report\\_en.pdf](http://ec.europa.eu/research/era/pdf/jp-expert-group-22102012-report_en.pdf)

## **1.8 Third Country Nationals**

Proposal for a Directive of the European Parliament and of the Council on the conditions of entry and residence of third-country nationals for the purposes of research, studies, pupil exchange, remunerated and unremunerated training, voluntary service and au pairing [Recast] (COM(2013) 151 final)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013PC0151:EN:NOT>

## **1.9 European Institute of Innovation and Technology**

Regulation (EC) No 294/2008 of the European Parliament and of the Council of 11 March 2008 establishing the European Institute of Innovation and Technology

[http://ec.europa.eu/education/eit/docs/regulation/eit-regulation\\_en.pdf](http://ec.europa.eu/education/eit/docs/regulation/eit-regulation_en.pdf)

Proposal for a regulation of the European Parliament and of the Council amending Regulation (EC) No 294/2008 establishing the European Institute of Innovation and Technology (COM(2011) 817)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52011PC0817:EN:NOT>

Proposal for a Decision of the European Parliament and of the Council on the Strategic Innovation Agenda of the European Institute of Innovation and Technology (EIT): the contribution of the EIT to a more innovative Europe (COM(2011) 822)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52011PC0822:EN:NOT>

## 2. Research and Technology: Specific Sectors

### 2.1 Health

Joint programming of research in Europe: a) The launch of the pilot joint programming initiative on combating neurodegenerative diseases, in particular Alzheimer's b) Progress in joint programming and the way ahead - Council Conclusions

<http://register.consilium.europa.eu/pdf/en/09/st17/st17226.en09.pdf>

Rare diseases – How Europe is meeting the challenges

[http://ec.europa.eu/research/health/pdf/rare-diseases-how-europe-meeting-challenges\\_en.pdf](http://ec.europa.eu/research/health/pdf/rare-diseases-how-europe-meeting-challenges_en.pdf)

Impact assessment and expert group report into health research funded by DG Research and Innovation between 2002 and 2010

[ftp://ftp.cordis.europa.eu/pub/fp7/health/docs/impact-assessment-of-health-research-projects-on-research-2002-2010\\_en.pdf](ftp://ftp.cordis.europa.eu/pub/fp7/health/docs/impact-assessment-of-health-research-projects-on-research-2002-2010_en.pdf)

Impacts, challenges and limitations of EU-funded public health research - Priorities for future public health research (Report of the Independent Expert Group on the Future of European Public Health Research)

[http://ec.europa.eu/research/health/pdf/eu-h2020-subgroup2-report\\_en.pdf](http://ec.europa.eu/research/health/pdf/eu-h2020-subgroup2-report_en.pdf)

Independent External Evaluation Report of the European and Developing Countries Clinical Trials Partnership (EDCTP Programme) (14 December 2009)

[http://ec.europa.eu/research/health/infectious-diseases/poverty-diseases/doc/iee-report-edctp-programme\\_en.pdf](http://ec.europa.eu/research/health/infectious-diseases/poverty-diseases/doc/iee-report-edctp-programme_en.pdf)

Information on a proposed second phase of EDCTP (European & Developing Countries Clinical Trials Partnership) (Note from the Presidency, 18<sup>th</sup> November 2012) (doc. 16501/10)

<http://register.consilium.europa.eu/pdf/en/10/st16/st16501.en10.pdf>

Council Regulation (EC) No 73/2008 of 20 December 2007 setting up the Joint Undertaking for the implementation of the Joint Technology Initiative on Innovative Medicines (OJ L 30, 4.2.2008, p. 38)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32008R0073:EN:NOT>

First interim evaluation of the Innovative Medicines Initiative Joint Undertaking

<http://www.imi.europa.eu/sites/default/files/uploads/documents/Governance/FirstInterimEvaluationOfIMI2011.pdf>

Report of the Independent Expert Panel accompanying the Commission report "Assessment of European Innovative Medicines Initiative 2"

[ftp://ftp.cordis.europa.eu/pub/fp7/health/docs/expert-panel-report-2012\\_en.pdf](ftp://ftp.cordis.europa.eu/pub/fp7/health/docs/expert-panel-report-2012_en.pdf)



## 2.2 Biotechnologies, Agriculture and Food

Innovating for sustainable growth: a biotechnology for Europe

[http://ec.europa.eu/research/bioeconomy/pdf/bioeconomycommunicationstrategy\\_b5\\_brochure\\_web.pdf](http://ec.europa.eu/research/bioeconomy/pdf/bioeconomycommunicationstrategy_b5_brochure_web.pdf)

Interim Catalogue of Projects (FP7 - COOPERATION - THEME 2) compiling FP7 Bioeconomy projects 2007-2012

[http://ec.europa.eu/research/bioeconomy/pdf/catalogue\\_of\\_projects\\_web\\_small.pdf](http://ec.europa.eu/research/bioeconomy/pdf/catalogue_of_projects_web_small.pdf)

A decade of EU-funded Animal Health Research

[http://ec.europa.eu/research/bioeconomy/pdf/186225\\_2011\\_2696\\_animal\\_health\\_research\\_en.pdf](http://ec.europa.eu/research/bioeconomy/pdf/186225_2011_2696_animal_health_research_en.pdf)

## 2.3 Nanosciences and Nanotechnologies, Materials, Production Systems

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions – "Preparing for our future: Developing a common strategy for Key Enabling Technologies (KETs) in the EU" (COM(2009)512 final)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52009DC0512:EN:NOT>

Communication from the Commission to the European Council – A European Economic Recovery Plan (EERP) (COM(2008) 800 final)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52008DC0800:EN:NOT>

Horizon 2020 / Common Strategic Framework (CSF) - Ex Ante Impact Assessment. Thematic Area: Nano-sciences, Nano-technologies, Materials and new Production Technologies (NMP) (January 2012)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/horizon-2020-ex-ante-impact-assessment-nmp\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/horizon-2020-ex-ante-impact-assessment-nmp_en.pdf)

Ex post evaluation of FP6 (NMP) – strategic level

[http://ec.europa.eu/research/industrial\\_technologies/pdf/nmp-research-under-fp6\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/nmp-research-under-fp6_en.pdf)

Ex post evaluation of FP6 (NMP) – project level (October 2011)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/ex-post-evaluation-fp6-nmp-2011\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/ex-post-evaluation-fp6-nmp-2011_en.pdf)

Strategic recommendations of NMP Expert Advisory Group (EAG) of future RTD priority setting within the NMP Theme:



Five Orientation Papers on Industrial Innovation: Interactions between academia and industry - Best practice in innovation - Simplification and SME involvement - Metrology and Standards in Innovation - Key Enabling Technologies of interest to the NMP Theme (August 2012)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/orientation-papers-industrial-innovation\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/orientation-papers-industrial-innovation_en.pdf)

Position paper on future RTD activities of NMP for the period 2010-2015 (November 2009):

[http://ec.europa.eu/research/industrial\\_technologies/pdf/nmp-expert-advisory-group-report\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/nmp-expert-advisory-group-report_en.pdf)

Interim Assessment of the Research PPPs in the European Economic Recovery Plan: Energy-efficient Buildings, Factories of the Future, European Green Cars Initiative (October 2011)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/research-ppps-interim-assessment\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/research-ppps-interim-assessment_en.pdf)

New public-private partnerships for research in the manufacturing, construction and automotive sectors - European PPP research supports economic recovery (June 2009)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/brochure-ppp-090622\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/brochure-ppp-090622_en.pdf)

Strategy Definition & Road Mapping for Industrial Technologies to Address Grand Challenges (April 2013)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/strategy-definition-road-mapping-for-it\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/strategy-definition-road-mapping-for-it_en.pdf)

Comparative Scoreboard and Performance Indicators in NMP Research Activities between the EU and Third Countries (April 2013)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/scoreboard-042013\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/scoreboard-042013_en.pdf)

Nanometrics - A Technometric and Socio-Economic Analysis System to Support the Development of the European Nanotechnology Strategy Options (March 2013)

Part1: Monitoring: [http://ec.europa.eu/research/industrial\\_technologies/pdf/nanometrics-new-study-part1\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/nanometrics-new-study-part1_en.pdf)

Part 2: Case studies: [http://ec.europa.eu/research/industrial\\_technologies/pdf/nanometrics-new-study-part2\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/nanometrics-new-study-part2_en.pdf)

Economic foresight study on industrial trends and the research needed to support the competitiveness of European industry around 2025 (January 2013)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/economic-foresight-on-rd\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/economic-foresight-on-rd_en.pdf)

Innovation Landscapes: A study on innovation approaches in three selected EU member States (September 2012)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/innovation-landscapes\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/innovation-landscapes_en.pdf)

Responses to Questionnaire on Environmental Issues in FP7 NMP Projects on Materials (September 2012)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/materials-roadmap-elcet-13122011\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/materials-roadmap-elcet-13122011_en.pdf)

Assessment of impacts of NMP technologies and changing industrial patterns on skills and human resources (January 2012)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/nmp-skills-report\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/nmp-skills-report_en.pdf)

Successful European Nanotechnology Research: Outstanding science and technology to match the needs of future society (May 2011)

[http://ec.europa.eu/research/industrial\\_technologies/pdf/successful-eu-nanotech-research\\_en.pdf](http://ec.europa.eu/research/industrial_technologies/pdf/successful-eu-nanotech-research_en.pdf)

## **2.4 Energy**

The European Strategic Energy Technology Plan (SET-Plan)

[http://ec.europa.eu/research/energy/eu/index\\_en.cfm?pg=policy-set-plan](http://ec.europa.eu/research/energy/eu/index_en.cfm?pg=policy-set-plan)

## **2.5 Transport (incl Aeronautics)**

Interim evaluation of EU FP7 Transport research notably within Theme 7 of the cooperation programme "Transport (including aeronautics)" – Final report

[http://ec.europa.eu/research/evaluations/pdf/archive/fp7-evidence-base/evaluation\\_studies\\_and\\_reports/interim\\_evaluation\\_of\\_eu\\_fp7\\_transport\\_research.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/fp7-evidence-base/evaluation_studies_and_reports/interim_evaluation_of_eu_fp7_transport_research.pdf)

## **2.6 Information and Communication Technologies**

### **2.6.1 General**

Interim evaluation of the ICT research in the 7th Framework Programme "Catalysing European Competitiveness in a Globalising World"

[http://ec.europa.eu/research/evaluations/pdf/archive/fp7-evidence-base/other\\_fp7\\_panel\\_evaluations/interim\\_evaluation\\_the\\_ict\\_research\\_in\\_fp7.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/fp7-evidence-base/other_fp7_panel_evaluations/interim_evaluation_the_ict_research_in_fp7.pdf)

ICT StReAM 2011 - ICT Statistical Report for Annual Monitoring 2011. Monitoring report for ICT FP7 and CIP ICT PSP

[https://ec.europa.eu/digital-agenda/sites/digital-agenda/files/stream\\_2012\\_1.pdf](https://ec.europa.eu/digital-agenda/sites/digital-agenda/files/stream_2012_1.pdf)

ICT StReAM 2012 - ICT Statistical Report for Annual Monitoring 2012. Monitoring report for ICT FP7 and CIP ICT PSP

[https://ec.europa.eu/digital-agenda/sites/digital-agenda/files/Stream\\_2012.pdf](https://ec.europa.eu/digital-agenda/sites/digital-agenda/files/Stream_2012.pdf)

Digital Agenda Scoreboard

<https://ec.europa.eu/digital-agenda/en/scoreboard>

For more information, [download reports](#) and [data](#) related to the Digital Agenda Scoreboard's pillar V Research and Innovation, [view the progress by Digital Agenda pillar](#) towards the Targets, or look at [country pages](#). They can also [create graphs](#).

FP IST/ICT Feature and Top stories in the Technology Marketplace

<http://cordis.europa.eu/marketplace/home.html>

Study into the Impact of FP6 IST

[http://ec.europa.eu/information\\_society/newsroom/cf/itemlongdetail.cfm?item\\_id=8778](http://ec.europa.eu/information_society/newsroom/cf/itemlongdetail.cfm?item_id=8778)

ISTAG report on International Cooperation

<http://cordis.europa.eu/fp7/ict/istag/documents/ict-research-and-innovation-final-72pp.pdf>

## ***2.6.2 Specific Partnership Projects:***

Photonics

[http://www.icfo.eu/newsroom/images/news/Photonics\\_Roadmap\\_final\\_lowres.pdf](http://www.icfo.eu/newsroom/images/news/Photonics_Roadmap_final_lowres.pdf)

Robotics

[http://www.eurobotics-project.eu/cms/upload/PDF/PPP-Brochure\\_2012\\_Final.pdf](http://www.eurobotics-project.eu/cms/upload/PDF/PPP-Brochure_2012_Final.pdf)

5G

[http://www.networks-etp.eu/fileadmin/user\\_upload/Home/draft-PPP-proposal.pdf](http://www.networks-etp.eu/fileadmin/user_upload/Home/draft-PPP-proposal.pdf)

Interim Assessment Report of the FI-PPP

<https://ec.europa.eu/digital-agenda/en/news/updated-version-european-commissions-official-response-recommendations-interim-assessment>.

EC response to the Interim Assessment Report of the FI-PPP

[http://ec.europa.eu/information\\_society/newsroom/cf/dae/document.cfm?doc\\_id=1390](http://ec.europa.eu/information_society/newsroom/cf/dae/document.cfm?doc_id=1390)



## 3. Innovation

### 3.1 Overview of Innovation Policy

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions – Europe 2020 Flagship Initiative Innovation Union

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52010DC0546:EN:NOT>

Final Evaluation of the Entrepreneurship and Innovation Programme

[http://ec.europa.eu/cip/files/docs/final-evaluation-of-eip\\_en.pdf](http://ec.europa.eu/cip/files/docs/final-evaluation-of-eip_en.pdf)

Innovation Union Competitiveness report (2011)

[http://ec.europa.eu/research/innovation-union/index\\_en.cfm?pg=home&section=competitiveness-report&year=2011](http://ec.europa.eu/research/innovation-union/index_en.cfm?pg=home&section=competitiveness-report&year=2011)

Innovation Union Competitiveness (IUC) Database

[www.iuc-database.eu](http://www.iuc-database.eu)

Ex-post Impact Assessment study concerning the "Marie Curie Actions" under the Sixth Framework Programme

[http://ec.europa.eu/research/evaluations/pdf/archive/other\\_reports\\_studies\\_and\\_documents/ex-post\\_impact\\_assessment\\_of\\_marie\\_curie\\_actions\\_under\\_the\\_fp6.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/other_reports_studies_and_documents/ex-post_impact_assessment_of_marie_curie_actions_under_the_fp6.pdf)

International Science & Technology Specialisation: Where does Europe stand? (2010)

<http://ec.europa.eu/research/era/docs/en/4th-regional-key-figure.pdf>

Cohesion policy and regional research and innovation potential - An analysis of the effects of Structural Funds support for Research, Technological Development and Innovation 2000-2010 (2011)

[http://ec.europa.eu/research/innovation-union/pdf/cohesion\\_policy\\_and\\_regional\\_research\\_and\\_innovation\\_potential.pdf](http://ec.europa.eu/research/innovation-union/pdf/cohesion_policy_and_regional_research_and_innovation_potential.pdf)

Commission Communication " More Research and Innovation - Investing for Growth and Employment: A Common Approach"

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2005:0488:FIN:EN:PDF>

Commission Communication "Putting knowledge into practice: A broad-based innovation strategy for the EU"

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2006:0502:FIN:EN:PDF>

Commission Communication "Reviewing Community innovation policy in a changing world"

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52009DC0442:EN:NOT>

Council Conclusions on a broad-based innovation strategy " Strategic priorities for innovation action at EU level

[http://www.consilium.europa.eu/uedocs/cms\\_Data/docs/pressdata/en/intm/91989.pdf](http://www.consilium.europa.eu/uedocs/cms_Data/docs/pressdata/en/intm/91989.pdf)

European Council call for a European plan for innovation

<http://register.consilium.europa.eu/pdf/en/08/st17/st17271-re01.en08.pdf>

Commission Communication "Europe 2020 Flagship Initiative Innovation Union"

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52010DC0546:EN:NOT>

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions - Public-private partnerships in Horizon 2020: a powerful tool to deliver on innovation and growth in Europe

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2013:0494:FIN:en:PDF>

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions - Entrepreneurship 2020 Action Plan - Reigniting the entrepreneurial spirit in Europe

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2012:0795:FIN:EN:PDF>

Competitiveness and Innovation Framework Programme (CIP) supports innovation activities (including eco-innovation), provides better access to finance and delivers business support services in the regions

<http://ec.europa.eu/cip/>

The European Commission is proposing measures that will benefit consumers and businesses by placing innovation at the heart of our society and our economy. New "innovation partnerships" will generate breakthroughs in areas such as climate change, energy efficiency and healthy living:

[http://ec.europa.eu/research/innovation-union/index\\_en.cfm](http://ec.europa.eu/research/innovation-union/index_en.cfm)

The Enterprise Europe Network is a network of 600 partners offering support and advice to business across Europe. One of the tasks of the Enterprise Europe Network is to help identifying relevant sources of financing and providing detailed information on the open calls for proposals launched under the CIP programme

<http://een.ec.europa.eu/>

## **3.2 Recent Proposals, Directives and Regulations, including their Impact Assessments**

Commission Staff Working Document of 9 September 2009 - Assessing Community innovation policies in the period 2005-2009

[http://ec.europa.eu/enterprise/policies/innovation/files/swd\\_assessing\\_community\\_policies.pdf](http://ec.europa.eu/enterprise/policies/innovation/files/swd_assessing_community_policies.pdf)

Decision of the European Parliament and of the Council of 24 October 2006 establishing a Competitiveness and Innovation Framework Programme (2007 to 2013)

[http://eur-lex.europa.eu/LexUriServ/site/en/oj/2006/l\\_310/l\\_31020061109en00150040.pdf](http://eur-lex.europa.eu/LexUriServ/site/en/oj/2006/l_310/l_31020061109en00150040.pdf)

Proposal for a Regulation of the European Parliament and Council establishing a Programme for the Competitiveness of Enterprises and small and medium-sized enterprises (2014 - 2020) – COSME

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0834:FIN:EN:PDF>

Proposal for a Regulation of the European Parliament and Council establishing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0809:FIN:en:PDF>

## **3.3 Policy Documents**

### ***3.3.1 Clusters***

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions - Towards world-class clusters in the European Union: Implementing the broad-based innovation strategy

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2008:0652:REV1:EN:PDF>

Europe INNOVA Cluster Innovation Platform

[http://ec.europa.eu/enterprise/policies/innovation/support/europe-innova/cluster-ip\\_en.htm](http://ec.europa.eu/enterprise/policies/innovation/support/europe-innova/cluster-ip_en.htm)

The concept of clusters and cluster policies and their role for competitiveness and innovation: Main statistical results and lessons learned

[http://bookshop.europa.eu/is-bin/INTERSHOP.enfinity/WFS/EU-Bookshop-Site/en\\_GB/-/EUR/ViewPublication-Start?PublicationKey=NBNA23591](http://bookshop.europa.eu/is-bin/INTERSHOP.enfinity/WFS/EU-Bookshop-Site/en_GB/-/EUR/ViewPublication-Start?PublicationKey=NBNA23591)



Commission Decision of 22 October 2008 setting up a “European Cluster Policy Group” and annexed terms of reference

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:288:0007:0011:EN:PDF>

### ***3.3.2 Design for Innovation***

Projects supporting the take-up of the Design in Innovation Policy

[http://ec.europa.eu/enterprise/policies/innovation/policy/design-creativity/index\\_en.htm#h2-1](http://ec.europa.eu/enterprise/policies/innovation/policy/design-creativity/index_en.htm#h2-1)

European Design Innovation Initiative – Innovation Union Commitment

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0834:FIN:EN:PDF>

Proposal for a Regulation of the European Parliament and Council establishing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0809:FIN:en:PDF>

### ***3.3.3 Intellectual Property***

Conclusions of the European Council of 4 February 2011

<http://register.consilium.europa.eu/pdf/en/11/st00/st00002-re01.en11.pdf>

European Commission services have produced a Staff Working Document to serve as a basis for future discussions with other EU Institutions and beyond on the need to enhance patent valorisation

[http://ec.europa.eu/enterprise/policies/innovation/files/swd-2012-458\\_en.pdf](http://ec.europa.eu/enterprise/policies/innovation/files/swd-2012-458_en.pdf)

A study to gather evidence on the challenges and opportunities of creating market mechanisms at EU level for the trading of patents and licenses

[http://ec.europa.eu/enterprise/policies/innovation/files/creating-financial-market-for-ipr-in-europe\\_en.pdf](http://ec.europa.eu/enterprise/policies/innovation/files/creating-financial-market-for-ipr-in-europe_en.pdf)

An expert group to assess the opportunity and feasibility of other (non-exclusive) options. The expert group also had the mandate to identify and look into additional possible options to improve IPR valorisation, e.g., the scaling up at European level of existing national initiatives

[http://ec.europa.eu/enterprise/policies/innovation/files/options-eu-instrument-patent-valorisation\\_en.pdf](http://ec.europa.eu/enterprise/policies/innovation/files/options-eu-instrument-patent-valorisation_en.pdf)

Removing barriers for a better use of IPR by SMEs

[http://ec.europa.eu/enterprise/policies/innovation/files/removing-barriers-better-use-ipr\\_en.pdf](http://ec.europa.eu/enterprise/policies/innovation/files/removing-barriers-better-use-ipr_en.pdf)

Communication on an Industrial Property Rights Strategy for Europe

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2008:0465:FIN:EN:PDF>

### **3.4 Financial Instruments**

The CIP financial instruments are implemented for the Commission by the European Investment Fund (EIF) on a trust basis. They cover different needs depending on the stage of development of the small business

<http://www.access2finance.eu/>.

### **3.5 The Lead Market Initiative**

Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee and the Committee of the Regions - A lead market initiative for Europe (COM(2007) 860)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52007DC0860:EN:NOT>

Final Evaluation of the Lead Market Initiative (Final Report) (July 2011)

[http://ec.europa.eu/enterprise/policies/innovation/policy/lead-market-initiative/files/final-eval-lmi\\_en.pdf](http://ec.europa.eu/enterprise/policies/innovation/policy/lead-market-initiative/files/final-eval-lmi_en.pdf)

### **3.6 Promotion of International Activities of Small and Medium-sized Enterprises (SMEs)**

#### ***3.6.1 General Information***

<http://ec.europa.eu/enterprise/policies/sme/market-access/internationalisation/>

#### ***3.6.2 Specific Initiatives***

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions 'Small Business, Big World— a new partnership to help SMEs seize global opportunities'

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52011DC0702:EN:NOT>

Study on Support Services for SMEs in International Business 2013

[http://ec.europa.eu/enterprise/policies/international/files/2013-sme-internationalisation-final-report\\_en.pdf](http://ec.europa.eu/enterprise/policies/international/files/2013-sme-internationalisation-final-report_en.pdf)

IPR SME Helpdesk in China

<http://www.china-iprhelpdesk.eu/>

EU SME Centre in China

<http://www.eusmecentre.org.cn/>

EU Japan Centre for Industrial Cooperation

<http://www.eu-japan.eu/>

ASEAN IPR Helpdesk in Indonesia

<http://www.asean-iprhelpdesk.eu/>

Enterprise European Network partners

<http://een.ec.europa.eu/>

## 4. Space

### 4.1 Recent Proposals, Directives and Regulations, including their Impact Assessments

#### 4.1.1 Space Surveillance and Tracking (SST)

Proposal for a decision of the European Parliament and of the Council establishing a space surveillance and tracking support programme (2013) –

[http://eur-lex.europa.eu/Result.do?T1=V5&T2=2013&T3=107&RechType=RECH\\_naturel&Submit=Search](http://eur-lex.europa.eu/Result.do?T1=V5&T2=2013&T3=107&RechType=RECH_naturel&Submit=Search)

Impact assessment: [http://eur-lex.europa.eu/Result.do?T1=V7&T2=2013&T3=54&RechType=RECH\\_naturel&Submit=Search](http://eur-lex.europa.eu/Result.do?T1=V7&T2=2013&T3=54&RechType=RECH_naturel&Submit=Search)

#### 4.1.2 Copernicus

Proposal for a Regulation of the European Parliament and of the Council establishing the Copernicus Programme and repealing Regulation (EU) No 911/2010 –

[http://eur-lex.europa.eu/Result.do?T1=V5&T2=2013&T3=312&RechType=RECH\\_naturel&Submit=Search](http://eur-lex.europa.eu/Result.do?T1=V5&T2=2013&T3=312&RechType=RECH_naturel&Submit=Search)

Impact assessment: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013SC0190:EN:NOT>

Commission Delegated Regulation (EU) N° .../.. supplementing Regulation (EU) No 911/2010 of the European Parliament and of the Council on the European Earth monitoring programme (GMES) by establishing registration and licensing conditions for GMES users and defining criteria for restricting access to GMES dedicated data and GMES service information

<http://register.consilium.europa.eu/pdf/en/13/st12/st12386.en13.pdf>

Regulation (EU) No 911/2010 of the European Parliament and of the Council of 22 September 2010 on the European Earth monitoring programme (GMES) and its initial operations (2011 to 2013) –

[http://eur-lex.europa.eu/Result.do?T1=V2&T2=2010&T3=911&RechType=RECH\\_naturel&Submit=Search](http://eur-lex.europa.eu/Result.do?T1=V2&T2=2010&T3=911&RechType=RECH_naturel&Submit=Search)

Impact assessment and ex ante evaluation: <http://eur-lex.europa.eu/Notice.do?val=495417:cs&lang=en&list=578951:cs,525807:cs,525059:cs,522232:cs,505133:cs,495418:cs,495417:cs,&pos=7&page=1&nbl=7&pgs=10&hwords=>

#### 4.1.3 Space Research

Proposal for a Council Decision establishing the Specific Programme Implementing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)COM(2011) 811 –

[http://ec.europa.eu/research/horizon2020/pdf/proposals/com\(2011\)\\_811\\_final.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/com(2011)_811_final.pdf)

Proposal for a Regulation of the European Parliament and the Council laying down the rules for the participation and dissemination in 'Horizon 2020 – the Framework Programme for Research and Innovation (2014-2020)' COM(2011) 810 –

[http://ec.europa.eu/research/horizon2020/pdf/proposals/com\(2011\)\\_810\\_final.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/com(2011)_810_final.pdf)

Proposal for a Regulation of the European Parliament and of the Council establishing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020) COM(2011) 809 –

[http://ec.europa.eu/research/horizon2020/pdf/proposals/com\(2011\)\\_809\\_final.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/com(2011)_809_final.pdf)

## 4.2 Main Policy Documents

Commission Communication – “Towards a space strategy for the European Union that benefits its citizens” (2011) –

<http://eur->

[lex.europa.eu/Result.do?T1=V5&T2=2011&T3=152&RechType=RECH\\_naturel&Submit=Search](http://eurlex.europa.eu/Result.do?T1=V5&T2=2011&T3=152&RechType=RECH_naturel&Submit=Search)

Commission Communication on the EU space industrial policy: Releasing the potential for economic growth in the space sector (2013) –

[http://eurlex.europa.eu/Result.do?T1=V5&T2=2013&T3=108&RechType=RECH\\_naturel&Submit=Search](http://eurlex.europa.eu/Result.do?T1=V5&T2=2013&T3=108&RechType=RECH_naturel&Submit=Search)

Commission Communication on establishing appropriate relations between the EU and the European Space Agency” (2013) –

<http://eur->

[lex.europa.eu/Result.do?T1=V5&T2=2012&T3=671&RechType=RECH\\_naturel&Submit=Search](http://eurlex.europa.eu/Result.do?T1=V5&T2=2012&T3=671&RechType=RECH_naturel&Submit=Search)

Commission Communication on the European Earth monitoring programme (GMES) and its operations (from 2014 onwards) - <http://eur->

[lex.europa.eu/Notice.do?val=628470:cs&lang=en&list=728712:cs,723844:cs,692675:cs,691148:cs,681671:cs,650326:cs,627859:cs,628470:cs,495432:cs,&pos=8&page=1&nbl=9&pgs=10&hwords=](http://eurlex.europa.eu/Notice.do?val=628470:cs&lang=en&list=728712:cs,723844:cs,692675:cs,691148:cs,681671:cs,650326:cs,627859:cs,628470:cs,495432:cs,&pos=8&page=1&nbl=9&pgs=10&hwords=)

Communication from the Commission on Horizon 2020 - The Framework Programme for Research and Innovation COM(2011) 808 -

[http://ec.europa.eu/research/horizon2020/pdf/proposals/com\(2011\)\\_808\\_final.pdf](http://ec.europa.eu/research/horizon2020/pdf/proposals/com(2011)_808_final.pdf)

## 5. Galileo

### 5.1 Recent Proposals, Regulations and Decisions, including Impact Assessments

Decision No 1104/2011/EU of the European Parliament and of the Council of 25 October 2011 on the rules for access to the public regulated service provided by the global navigation satellite system established under the Galileo programme: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:287:0001:0008:EN:PDF>

Regulation (EU) No 912/2010 of the European parliament and of the Council of 22 September 2010 setting up the European GNSS Agency: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:276:0011:0021:EN:PDF>

Regulation (EC) No 683/2008 of the European Parliament and of the Council of 9 July 2008 on the further implementation of the European satellite navigation programmes (EGNOS and Galileo) <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:196:0001:0011:EN:PDF>

Proposal for a Regulation of the European Parliament and of the Council on the implementation and exploitation of European satellite navigation systems and repealing Council regulation (EC) No 876/2002 and Regulation (EC) No 683/2008 of the European Parliament and of the Council [http://ec.europa.eu/enterprise/policies/satnav/galileo/files/com-2011-814-final\\_en.pdf](http://ec.europa.eu/enterprise/policies/satnav/galileo/files/com-2011-814-final_en.pdf)

Impact assessment proposal new GNSS regulation: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=SEC:2011:1446:FIN:EN:PDF>

Proposal amendment GSA-regulation: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2013:0040:FIN:EN:PDF>

Council Joint Action 2004/552/CFSP: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32004E0552:EN:NOT>

Commission Implementing Decision 2012/117/EU of 23.2.2012 establishing a list of key decision points to evaluate the implementation of the Galileo programme with regard to the ground-based centres and stations to be created as part of the programme development and deployment <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:052:0028:0031:EN:PDF>

### 5.2 Council and European Parliament

Council resolution on Galileo – 2805<sup>th</sup> Transport, Telecommunications and Energy Council meeting, Luxembourg, 6-8 June 2007 [http://ec.europa.eu/enterprise/policies/satnav/galileo/files/2007\\_06\\_08\\_council\\_resolution\\_en.pdf](http://ec.europa.eu/enterprise/policies/satnav/galileo/files/2007_06_08_council_resolution_en.pdf)

Council conclusions - 2821st Council meeting Transport, Telecommunications and Energy, Luxembourg, 1-2.10.2007 [http://www.consilium.europa.eu/uedocs/cms\\_data/docs/pressdata/en/trans/96265.pdf](http://www.consilium.europa.eu/uedocs/cms_data/docs/pressdata/en/trans/96265.pdf)

Council conclusions on launching the European Global Navigation Satellite System Programmes - 2835th Transport, Telecommunications and Energy Council meeting, Brussels, 29-30.11 and 3.12 2007: [http://www.consilium.europa.eu/uedocs/cms\\_data/docs/pressdata/en/trans/97344.pdf](http://www.consilium.europa.eu/uedocs/cms_data/docs/pressdata/en/trans/97344.pdf)

Council conclusions on the report from the Commission to the European Parliament and the Council - Mid-term review of the European satellite radio navigation programmes - Brussels, 24 March - 2011 7960/11 LIMITE TRANS 88 MAR 41 AVIATION CAB 24 ESPACE 12 RELEX 291  
<http://register.consilium.europa.eu/pdf/en/11/st07/st07960.en11.pdf>

European Parliament Resolution 2010 on mid-term review: implementation assessment, future challenges and financing - 18.4.2011  
<http://www.europarl.europa.eu/sides/getDoc.do?type=REPORT&reference=A7-2011-0165&language=EN>

### 5.3 Policy Documents

Report from the Commission to the European Parliament and the Council: Mid-term review of the European satellite radio navigation programmes – 18.1.2011 – COM(2011) 5 final: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0005:FIN:EN:PDF>

Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee and the Committee of the Regions: Action Plan on Global Navigation Satellite System (GNSS) Applications – COM(2010) 716 of 14.6.2010: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2010:0308:FIN:EN:PDF>

Impact assessment – accompanying document to the Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee and the Committee of the Regions: Action Plan on Global Navigation Satellite System (GNSS) Applications – SEC(2010) 717 final of 14.6.2010  
[http://ec.europa.eu/governance/impact/ia\\_carried\\_out/docs/ia\\_2010/sec\\_2010\\_0717\\_en.pdf](http://ec.europa.eu/governance/impact/ia_carried_out/docs/ia_2010/sec_2010_0717_en.pdf)

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: Galileo at a cross-road – the implementation of the European GNSS programmes (SEC(2007) 624 of 16.5.2007 - COM(2007) 261 final: [http://eur-lex.europa.eu/LexUriServ/site/en/com/2007/com2007\\_0261en01.pdf](http://eur-lex.europa.eu/LexUriServ/site/en/com/2007/com2007_0261en01.pdf)

Communication from the Commission to the European Parliament and the Council – Progressing Galileo: Re-profiling the European GNSS programmes (SEC(2007) 1210 of 19.9.2007 – COM(2007) 534 final: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2007:0534:FIN:EN:PDF>



## 5.4 International Agreements

Cooperation agreement on satellite navigation between the EU and its Member States and the Kingdom of Norway: [http://eur-](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:283:0012:0020:EN:PDF)

[lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:283:0012:0020:EN:PDF](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:283:0012:0020:EN:PDF)

Agreement on the promotion, provision and use of Galileo and GPS satellite-based navigation systems and related applications between the EU and its Member States and the USA

[http://ec.europa.eu/enterprise/policies/satnav/galileo/files/2004\\_06\\_21\\_eu\\_us\\_agreement\\_en.pdf](http://ec.europa.eu/enterprise/policies/satnav/galileo/files/2004_06_21_eu_us_agreement_en.pdf)

## 6. Joint Research Centre (JRC)

### 6.1 General Overview of JRC Activities

Annual Reports

<http://ec.europa.eu/dgs/jrc/index.cfm?id=2530>

External Evaluation Reports

<http://ec.europa.eu/dgs/jrc/index.cfm?id=6060>

Publication Repository

<http://publications.jrc.ec.europa.eu/repository/>

JRC website

<http://ec.europa.eu/dgs/jrc/index.cfm>

### 6.2 Legal Basis of JRC Programmes

DECISION No 1982/2006/EC of the European Parliament and of the Council of 18 December 2006 concerning the Seventh Framework Programme of the European Community for research, technological development and demonstration activities (2007-2013)

<http://cordis.europa.eu/documents/documentlibrary/90798681EN6.pdf>

COUNCIL DECISION 2006/970/Euratom of 18 December 2006 concerning the Seventh Framework Programme of the European Atomic Energy Community (Euratom) for nuclear research and training activities (2007-2011)

[http://eur-lex.europa.eu/LexUriServ/site/en/oj/2007/l\\_054/l\\_05420070222en00210029.pdf](http://eur-lex.europa.eu/LexUriServ/site/en/oj/2007/l_054/l_05420070222en00210029.pdf)

COUNCIL DECISION 2012/93/Euratom of 19 December 2011 concerning the Framework Programme of the European Atomic Energy Community (Euratom) for nuclear research and training activities (2012-2013)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:047:0025:0032:EN:PDF>

COUNCIL DECISION 2006/975/EC of 19 December 2006 concerning the Specific Programme to be carried out by means of direct actions by the Joint Research Centre under the Seventh Framework Programme of the European Community for research, technological development and demonstration activities (2007 to 2013)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:054:0126:0138:EN:PDF>

COUNCIL DECISION of 19 December 2006 concerning the Specific Programme to be carried out by means of direct actions by the Joint Research Centre implementing the Seventh Framework Programme of the European Atomic Energy Community (Euratom) for nuclear research and training activities (2007 to 2011) (2006/977/Euratom)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:054:0149:0156:EN:PDF>

COUNCIL DECISION 2012/95/EU of 19 December 2011 concerning the specific programme, to be carried out by means of direct actions by the Joint Research Centre, implementing the Framework Programme of the European Atomic Energy Community for nuclear research and training activities (2012-2013)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:047:0040:0046:EN:PDF>

Horizon 2020 - the Framework Programme for Research and Innovation

[http://ec.europa.eu/research/horizon2020/index\\_en.cfm?pg=h2020-documents](http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=h2020-documents)

## **6.3 Outputs in Key Policy Orientations (non-exhaustive list)**

### ***6.3.1 Economic and Monetary Union (EMU)***

<http://ipsc.jrc.ec.europa.eu/?id=790>

JRC-developed software packages for econometric analysis (e.g. SYMBOL, GAP)

### ***6.3.2 Internal Market: Growth, Jobs and Innovation***

[http://ec.europa.eu/dgs/jrc/downloads/jrc\\_science\\_for\\_standards\\_reports.pdf](http://ec.europa.eu/dgs/jrc/downloads/jrc_science_for_standards_reports.pdf)

Science for Standards: a driver for innovation. JRC thematic report

<http://iri.jrc.ec.europa.eu/scoreboard12.html>

The 2012 EU Industrial R&D Investment Scoreboard

<http://eurocodes.jrc.ec.europa.eu/>

Eurocodes website (the EN Eurocodes are a series of 10 European Standards, EN 1990 - EN 1999, providing a common approach for the design of buildings and other civil engineering works and construction products).

<http://i3s.ec.europa.eu/>

JRC-launched I3S web - Innovation Union Information and Intelligence system

### ***6.3.3 Low-carbon Economy and Resource Efficiency (Environment, Climate Change, Energy, Transport)***

[http://ec.europa.eu/dgs/jrc/downloads/jrc\\_science\\_for\\_energy\\_report.pdf](http://ec.europa.eu/dgs/jrc/downloads/jrc_science_for_energy_report.pdf)

Science for Energy – JRC thematic report

[http://ec.europa.eu/dgs/jrc/downloads/jrc\\_2012\\_science\\_for\\_water\\_en.pdf](http://ec.europa.eu/dgs/jrc/downloads/jrc_2012_science_for_water_en.pdf)

Science for Water – JRC thematic report

[http://ec.europa.eu/energy/technology/set\\_plan/set\\_plan\\_en.htm](http://ec.europa.eu/energy/technology/set_plan/set_plan_en.htm)

The European Strategic Energy Technology Plan (SET-Plan)

<http://setis.ec.europa.eu/>

SETIS website

<http://setis.ec.europa.eu/EUPowerProduction/>  
Electricity Production Map and Statistics

<http://setis.ec.europa.eu/EnergyCalculator/>  
Energy calculator

<https://odin.jrc.ec.europa.eu/SETIS/BG/bubblegraph.html>  
Bubble graph

<http://re.jrc.ec.europa.eu/pvgis/>  
Photovoltaic Geographical Information System  
<http://re.jrc.ec.europa.eu/pvgis/apps4/pvest.php>  
Photovoltaic power calculator

<http://re.jrc.ec.europa.eu/esti/>  
The European Solar Test Installation

<http://iet.jrc.ec.europa.eu/energyefficiency/energy-efficiency-activities/ict-codes-conduct>  
ICT codes of conduct

<http://iet.jrc.ec.europa.eu/energyefficiency/greenbuilding-programme/about-greenbuilding-programme>  
EU Green Building Programme

<http://iet.jrc.ec.europa.eu/energyefficiency/greenlight>  
EU GreenLight Programme

<http://ses.jrc.ec.europa.eu/smart-grid-interactive-tool>  
Smart Grid Interactive Tool

<http://ses.jrc.ec.europa.eu/project-maps>  
Inventory of smart grid projects in Europe

<https://portal.smartgridsprojects.eu/Pages/default.aspx>  
Smart grids portal

<http://susproc.jrc.ec.europa.eu/ecotapware/>  
EU Ecolabel and green public procurement for tapware

<http://susproc.jrc.ec.europa.eu/toilets/>  
EU Ecolabel and green public procurement for toilets

<http://eippcb.jrc.ec.europa.eu/reference/cww.html>  
Best available techniques for common waste and waste gas treatment / management systems in the chemical sector

<http://fate.jrc.ec.europa.eu/rational/home>  
Assessment of fate and impacts of pollutants in terrestrial and aquatic ecosystems

<http://www.wiser.eu/results/method-database/>  
Water bodies in Europe – Integrative System to assess Ecological status and Recovery

<http://emis.jrc.ec.europa.eu/>  
Environmental Marine Information System (EMIS)

<http://easin.jrc.ec.europa.eu/>

European Alien Species Information Network (EASIN)

<http://www.aquaknow.net/>

Virtual space for collaboration and information on the water sector

<http://glowasis.eu/>

Global water scarcity information system

<http://oceancolour.jrc.ec.europa.eu/>

Ocean colour portal: for the study of the optical properties of the oceans and the biology of the marine ecosystems

<http://moland.jrc.ec.europa.eu/lump/lump.htm>

Land use modelling platform

<http://eusoils.jrc.ec.europa.eu/library/esdac/index.html>

ESDAC: European Soil Data Centre

### ***6.3.4 Agriculture and Food Security***

<http://mars.jrc.ec.europa.eu/mars>

Monitoring Agricultural Resources (MARS)

<http://mars.jrc.ec.europa.eu/mars/About-us/AGRI4CAST/MARS-Bulletins-for-Europe>

MARS bulletins Europe

<http://iet.jrc.ec.europa.eu/biofuels-bioenergy>

Detailed information on the JRC's work on biofuels and bioenergy

<http://re.jrc.ec.europa.eu/biof/>

Sustainability of Bioenergy

<http://setis.ec.europa.eu/BIOMAP/#31016>

Biomap

<http://forest.jrc.ec.europa.eu/efdac/>

European Forest Data Centre

<http://edo.jrc.ec.europa.eu/edov2/php/index.php?id=1000>

European Drought Observatory (EDO)

<http://wad.jrc.ec.europa.eu/>

World Atlas of Desertification

### ***6.3.5 Public Health, Safety and Security***

<http://forest.jrc.ec.europa.eu/effis/>

European Forest Fire Information System (EFFIS)

<http://floods.jrc.ec.europa.eu/>

Floods portal – European Flood Awareness System (EFAS)

<http://www.gdacs.org/>

Global Disaster Alert and Coordination System (GDACS)

<https://bluehub.jrc.ec.europa.eu/>

Blue hub – integrating maritime surveillance data

<http://www.geowow.eu/>

GEOSS interoperability for Weather, Ocean and Water

### ***6.3.6 EU Reference Laboratories***

<http://gmo-crl.jrc.ec.europa.eu/>

Reference Laboratory for GM Food and Feed

[http://ihcp.jrc.ec.europa.eu/our\\_labs/eurl-ecvam](http://ihcp.jrc.ec.europa.eu/our_labs/eurl-ecvam)

Reference Laboratory for Alternatives to Animal Testing

[http://ihcp.jrc.ec.europa.eu/our\\_labs/eurl\\_food\\_c\\_m](http://ihcp.jrc.ec.europa.eu/our_labs/eurl_food_c_m)

Reference Laboratory for Food Contact Materials

[https://irmm.jrc.ec.europa.eu/EURLs/EURL\\_feed\\_additives/Pages/index.aspx](https://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx)

Reference Laboratory for Feed Additives

[http://irmm.jrc.ec.europa.eu/EURLs/EURL\\_heavy\\_metals/Pages/index.aspx](http://irmm.jrc.ec.europa.eu/EURLs/EURL_heavy_metals/Pages/index.aspx)

Reference Laboratory for Heavy Metals in Feed and Food

[http://irmm.jrc.ec.europa.eu/EURLs/EURL\\_PAHs/Pages/index.aspx](http://irmm.jrc.ec.europa.eu/EURLs/EURL_PAHs/Pages/index.aspx)

Reference Laboratory for Polycyclic Aromatic Hydrocarbons

[http://irmm.jrc.ec.europa.eu/EURLs/eurl\\_mycotoxins/Pages/index.aspx](http://irmm.jrc.ec.europa.eu/EURLs/eurl_mycotoxins/Pages/index.aspx)

Reference Laboratory for Mycotoxins

### ***6.3.7 Other Laboratories***

[http://ihcp.jrc.ec.europa.eu/our\\_labs/predictive\\_toxicology](http://ihcp.jrc.ec.europa.eu/our_labs/predictive_toxicology)

Laboratory for predictive toxicology

[http://ihco.jrc.ec.europa.eu/our\\_labs/bevabs](http://ihco.jrc.ec.europa.eu/our_labs/bevabs)

European Office for Wine, Alcohol and Spirit Drinks (BEVABS)

[http://ihcp.jrc.ec.europa.eu/our\\_labs/ivm](http://ihcp.jrc.ec.europa.eu/our_labs/ivm)

In Vitro Methods Facilities

### ***6.3.8 Nuclear Safety and Security***

<https://clearinghouse-oef.jrc.ec.europa.eu/>

EU Clearinghouse

<http://www.sar-net.eu/>

Severe Accident Research Network of Excellence

<http://stresa.jrc.ec.europa.eu/stresa/>

Storage of Thermal Reactor Safety Analysis Data

<http://ehron.jrc.ec.europa.eu/>

European Human Resources Observatory for the Nuclear Energy Sector

<http://nuclear.jrc.ec.europa.eu/tacis-insc/index.php>

Support to International Nuclear Safety Activities

<http://capture.jrc.ec.europa.eu/>

Capture – Knowledge Consolidation, Preservation and Dissemination in the Nuclear Energy Sector

<https://odin.jrc.ec.europa.eu/>

Odin – Online Data and Information Network for Energy