












Overview of progress on the 101 Digital Agenda actions and Digital Agenda Review package [05 June 2013]











Action	Responsible DGs	Digital Agenda deadline	Status	Completion date/deliverable
<u>Pillar 1 - A vibrant digital single market</u>				
001 Key Action1a - Framework Directive on collective rights management	MARKT	31/12/2010	✓	Proposal for Directive on collective management of copyright and related rights and multi-territorial licensing adopted 11 July 2012
002 Key Action1b - Directive on orphan works + stakeholders dialogue on out-of print works	MARKT	31/12/2010	✓	Proposal for Directive on orphan works adopted 24 May 2011. Memorandum of Understanding on out-of-print works signed on 20 September 2011.
003 Key Action1c - Review the Directive on Re-Use of Public Sector Information	CNECT	31/12/2012	✓	Open Data Package incl. revised Directive adopted on 12 December 2011. Various sectoral actions will apply the concept, e.g. Marine Knowledge initiative to unlock marine data into the public domain.
004 Wide stakeholder debate on further measures	MARKT; CNECT	31/12/2012	✓	IPR strategy adopted 24 May 2011. This strategy sets out a blueprint for a number of initiatives the Commission intends to take in 2012 in various areas, including patents, trade marks, geographical indications, copyright licensing and digital libraries.
005 Green paper on online distribution of audiovisual works and other creative content	MARKT	31/12/2010	✓	Green Paper adopted on 13 July 2011.
006 Review of the Directive on the enforcement of intellectual property rights	MARKT	31/12/2012		The review of the IPR Enforcement Directive is on-going and a public consultation on the civil enforcement of intellectual property rights was open between 30 November 2012 and 30 March 2013. Linked to European licences work (action 102).
007 Key Action 2 - Fix a date for migration to Single Euro Payment Area (SEPA) & eInvoicing	MARKT	31/12/2012	✓	Proposal for SEPA migration end-date adopted 16 December 2010, Communication on e-Invoicing adopted 2 December 2010. Green paper on card, Internet and mobile payments adopted on 11 January 2012.

008 Key Action 3 - Revision of the eSignature Directive	CNECT	31/12/2011	✓	Legislative proposal adopted on 6 July 2012, coupled with eID following the Single Market Act.
009 Proposals on e-Commerce Directive	MARKT; SANCO; CNECT	31/12/2011	✓	Communication adopted on 11 January 2012. It was deemed unnecessary to revise the eCommerce Directive at this point. Commission to provide some guidance on interpretation (notice & action). This action is linked with action 104 (e-commerce action plan).
010 Member States - Implement key directives supporting the digital single market	CNECT	31/12/2015	●	Commission set-up the Body of European Regulators for Electronic Communicators (BEREC) to facilitate cooperation between national regulatory authorities and the Commission in promoting the digital single market.
011 Member States - Transpose the VAT Directive	TAXUD	31/12/2013	●	Council adopted a Directive (2010/45/EU amending Directive 2006/112/EC) which sets out new VAT rules for e-invoicing and removes the obstacles to the uptake of e-invoicing by creating equal treatment between paper and e-invoices - also ensuring that no additional requirements are imposed on paper invoices.
012 Key Action 4 - Review the Data protection Directive	JUSTICE	31/12/2010	✓	Commission proposal adopted on 25 January 2012. On legislative track.
013 Optional contract law instrument complementing Consumer Rights Directive	JUSTICE	31/12/2012	✓	Commission proposal adopted 11 October 2011. The Directive on Consumer Rights will replace, as of 13 June 2014, the old Directive 97/7/EC. The provisions of the Directive on Consumer Rights will apply to contracts concluded after 13 June 2014.
014 Alternative Dispute Resolution Green paper /Online Dispute Resolution	SANCO	31/12/2012	✓	Directive on alternative dispute resolution (ADR) for consumer disputes and Regulation on online dispute resolution (ODR) for consumer disputes adopted on 22 April 2013.
015 Stakeholder consultation and measures on collective redress	JUSTICE; SANCO; COMP	31/12/2015	●	The Commission is preparing a recommendation to Member States on common principles for collective redress, accompanied by a communication. Launch date by mid-2013.
016 Code of EU Online Rights	CNECT; JUST	31/12/2012	✓	The Commission updated the Code of Online Rights on 17 December 2012.
017 Stakeholder platform for EU online trustmarks	CNECT	31/12/2012	●	The Commission finalised a study in early 2013 as a basis for further steps; future actions under consideration.

018 Harmonisation of numbering resources	CNECT	31/12/2011	✓	Public consultation concluded no need for this harmonisation at this stage.
019 Spectrum Policy Plan	CNECT	31/12/2010	✓	<u>Commission proposal on RSPP adopted 20 September 2010.</u> Legislative process concluded in 2012.
020 An investigation into the cost of non-Europe in telecommunication markets	CNECT	31/12/2011	✓	<u>Study published on 28 February 2012.</u>
101 Roaming	CNECT	31/12/2012	✓	<u>Commission proposal for Third Regulation on roaming on public mobile communications networks adopted 6 July 2011.</u> Legislative process concluded in 2012. Regulation came into effect on 1 July 2012.
<u>Pillar 2 - Interoperability and standards</u>				
021 Key Action 5 - Propose legal measures to allow use of certain ICT fora and consortia standards	ENTR	31/12/2010	✓	<u>Commission proposal adopted 1 June 2011.</u> The Council adopted on 4 October 2012 the Regulation (EU) No 1025/2012 of the European Parliament and of the Council on European standardisation.
022 Promote rules via guidelines for ex-ante disclosure	ENTR	31/12/2011	✓	<u>Commission Communication Adopted 14 January 2011.</u>
023 Guidance on link between ICT standardisation and public procurement	CNECT	31/12/2011	●	The Commission will adopt a Communication in the first half of 2013.
024 Adopt a European Interoperability Strategy and European Interoperability Framework	DIGIT	31/12/2010	●	Adopted 16 December 2010. Follow-up of this action is as follows: - <u>European Interoperability reference Architecture and European Cartography of Interoperability solutions:</u> The action will develop a common reference architecture of cross-border interoperability and identify existing operational interoperability solutions (services, ICT systems, software components, semantic, organisational and legal interoperability assets). Once completed the description provides a cartography mapping existing operational European interoperability solutions. This cartography will raise awareness of PAs on what exists to be re-used and under which conditions - <u>European federated Interoperability Repository (EFIR):</u> The EFIR will be the dissemination tool for the European Cartography of Interoperability solutions. It will document and make available information about Interoperability solutions and their

				<u>characteristics. The repository itself will become a valuable information source, which can be used by the Member States and European Commission services to boost interoperability. It will also serve as a tool to identify challenges and alignment opportunities for IOP asset and ISs management at a European level.</u>
025 Measures to license interoperability information	CNECT	31/12/2012	✓	Following a public consultation on Access to Interoperability Information of Digital Products and Services, no legislative action will be proposed during this mandate. Follow-up actions include soft measures centred on best licensing practices and model licences.
026 Member States - Implement European Interoperability Framework at national level	DIGIT	31/12/2013	●	The Commission will assist Member States in adopting the European Interoperability Strategy and a European Interoperability Framework (EIF) through supporting actions, including awareness raising and exchange of information on national interoperability frameworks. It has launched a study in 2012 on <u>the needs and costs benefits of cross-border services and the existing barrier</u> . The results of the first CIP ICT PSP Large Scale Pilots are being deployed across Member States. Details of their deployment are available on the <u>DAE implementation web site. This is an on-going action.</u>
027 Member States - Implement Malmo and Granada declarations	DIGIT	31/12/2013	●	The Commission is monitoring the current status of interoperability in Member states and EU administrations through the National Interoperability Framework Observatory and via yearly implementation reviews of the European Interoperability Strategy.
<u>Pillar 3 - Trust and security</u>				
028 Key Action 6 - Reinforced and high level Network and Information Security Policy	CNECT	31/12/2012	✓	<u>Regulation to extend ENISA mandate</u> for a seven year period to 2020 agreed by European Parliament in April 2013. Cyber security strategy and NIS directive adopted in Feb 2013.
029 Key Action 7 - Combat cyber attacks against information systems	CNECT	31/12/2010	✓	<u>Commission proposal for a Directive on Attacks against Information Systems adopted 30 September 2010.</u> We expect final adoption of the Directive in 2013 since negotiations on the compromise text have now been concluded. The Directive's adoption is awaiting agreement from the European Parliament.
030 Establish a European cybercrime platform	HOME	31/12/2012	✓	The platform is a major element of the European Cybercrime Centre (see action 31).
031 Examine the feasibility of a European cybercrime centre	HOME	31/12/2011	✓	<u>Communication on a European Cybercrime Centre (EC3) adopted on 28 March 2012. The centre started operations in January 2013.</u>










032 Work with global stakeholders on targeted actions against computer-based crime and security attacks	CNECT	31/12/2015		EU & US conducted readiness tests for cyber attacks in "Cyber Atlantic 2011". Future orientations of Cyber Incident Management (CIM) will be based on the results of CYBER ATLANTIC 2011, in order to build further joint cyber exercises (no date foreseen).
033 Support EU-wide cyber-security preparedness exercises	CNECT	31/12/2015		The Commission adopted a Communication on Critical Information Infrastructure Protection 'Achievements and next steps: towards global cyber-security' in March 2011. ENISA and European Commission supported Member States in the organisation of the second pan-European cyber exercise - Cyber Europe 2012 (See also Action 39).
034 Explore the extension of security breach notification provisions	JUSTICE	31/12/2012		See Action 12.
035 Guidance on implementation Telecoms rules on data privacy and personal data	CNECT	31/12/2011		Guidance was provided to Member States on the transposition of the ePrivacy Directive in October 2010. After a stock-taking report in 2012 it was concluded that no additional guidance was needed at this stage.
036 Support reporting of illegal content online (hotlines) and awareness campaigns	CNECT	31/12/2015		Commission Communication "Strategy for a Better Internet for Children" adopted 2 May 2012.
037 Self-regulation of European and global service providers as regards use by minors	CNECT	31/12/2015		Coalition of top tech & media companies to make internet better place for children launched 1 December 2011.
038 Member States - network of CERTs covering all of Europe	CNECT	31/12/2012		Network exists and cooperations between Member States will be enhanced following the Commission proposal for an EU Cybersecurity strategy adopted on 7 February 2013 .
039 Member States - Carry out large scale attack simulation and test mitigation strategies	CNECT	31/12/2010		Two pan-European exercises took place in 2010 and 2012 (Cyber Europe 2010 and 2012).
040 Member States - Fully implement harmful content alert hotlines	CNECT	31/12/2013		A European strategy for a better internet for children was launched in 2012 to provide children the digital skills to benefit safely from being online; The strategy brings together the European Commission and Member States with mobile phone operators, handset manufacturers and providers of social networking services to deliver concrete solutions for a better internet for children. Link to action 36.
041 Member States - National alert platforms to the Europol cybercrime platform	HOME	31/12/2012		The Commission is helping Member States to integrate the national alert platforms into the EC3 Cybercrime centre (see Actions 30 and 31). Cybercrime centre launched in January 2013.
<u>Pillar 4 - Fast and ultrafast broadband access</u>				

042 Key Action 8a - Broadband Communication common framework for actions	CNECT	31/12/2010		Adopted 20 September 2010.
043 Key Action 8b - Proposals on funding of high-speed broadband	CNECT	31/12/2014		Part of the Cohesion policy 2014-2020 and CEF proposals. New CEF proposal launched by the Commission on 28 May 2013.
044 Key Action 8c - European Spectrum Policy Programme	CNECT	31/12/2010		Commission proposal adopted 20 September 2010. Legislative process concluded in 2012.
045 Key Action 8d - Recommendation on Next Generation Access networks	CNECT	31/12/2010		Adopted 20 September 2010.
046 Member States - Develop and make operational national broadband plans	CNECT	31/12/2012		Commission staff working document on implementation of national broadband plans published 30.3.2012. Member States national broadband plans are incomplete and do not all address how to reach the DAE broadband targets.
047 Member States - Measures to facilitate broadband investment	CNECT	31/12/2015		To seek support of the Member States for the adoption of legislation in the pipeline and seek effective and harmonised implementation of the adopted measures. This action is followed up by actions 112-118 (DAE review).
048 Member States - Use fully the Structural and Rural Development Funds	CNECT	31/12/2013		The Commission has provided guidance, technical assistance, promoted good practice exchange and followed the implementation of these actions in a number of Member States and regions.
049 Member States - Implement the European Spectrum Policy Programme	CNECT	31/12/2015		Adoption of the Radio Spectrum Policy Programme (see also Action 44) in March 2012.
Pillar 5 - Research and innovation				
050 Key Action 9 - Leverage more private investment	CNECT	31/12/2015		Addressed in the Horizon 2020 Commission proposal adopted 30 November 2011.
051 Reinforce the coordination and pooling of resources	CNECT	31/12/2015		Addressed in the Horizon 2020 Commission proposal adopted 30 November 2011.






052 Propose measures for 'light and fast' access to EU research funds in ICT	CNECT	31/12/2011	✓	Addressed in the Horizon 2020 Commission proposal adopted 30 November 2011.
053 Financial support to joint ICT research infrastructures and innovation clusters	CNECT	31/12/2015	●	Addressed in the Horizon 2020 Commission proposal adopted 30 November 2011.
054 Develop a new generation of web-based applications and services	CNECT	31/12/2015	✓	Action plan for web entrepreneurship announced in the Digital Agenda Review (see Action 128).
055 Member States - Double annual public spending on ICT research and development	CNECT	31/12/2020	●	Commission proposal for Horizon 2020 adopted in November 2011. The FP7 ICT Work Programme 2013 (WP 2013) adopted in July 2012. Pilot projects launched under ICT Policy Support Programme as part of the Competitiveness and Innovation framework Programme (CIP). These initiatives will help to increase spending in research. Although recent estimates for the previous years have been slightly revised up, the result is that public R&D in ICT continues to grow but recent estimates indicate that it is currently roughly 3 % below the required trajectory to reach the Europe 2020 R&D targets.
056 Member States - Engage in large scale pilots financed by the CIP	CNECT	31/12/2015	●	Eight large scale pilots involving Member States launched based on the CIP ICT Policy Support Programme have or are in the process of being launched.
Pillar 6 - Digital literacy, skills and inclusion				
057 Key Action 10 - Digital literacy and competences a priority for the ESF	EMPL	31/12/2012	✓	Commission proposal for a Regulation on new ESF 2014-2020 adopted 6 October 2011. On legislative track. Start of new programme in 2014.
058 Key Action 11 - Tools for competences of ICT practitioners and users	ENTR; EAC	31/12/2012	●	To develop tools to identify and recognise the competences of ICT practitioners and users, linked to the European Qualifications Framework and to EUROPASS and develop a European Framework for ICT Professionalism to increase the competences and the mobility of ICT practitioners across Europe. Certain of the issues in this action are addressed in new Action 126, launching the Grand Coalition (March 2013).
059 Make digital literacy and skills a priority of the "New skills for new jobs" Flagship	EAC; EMPL	31/12/2010	✓	Communication 'An Agenda for new skills and jobs: A European contribution towards full employment' adopted 23 November 2010.
060 Promote a higher participation of young women and women returners in ICT	CNECT	31/12/2015	●	A study will be conducted to devise a policy toolkit. A Girls in ICT Day 2013 event was held in April 2013 to highlight the issue








061 Develop an online interactive platform for consumer education including materials on new media technologies and media literacy	SANCO	31/12/2011	✓	A community website for consumer education , aimed at teachers of 12-18 year-olds, was launched on 15 March 2013; further development of the site will continue in 2013 and 2014. The updated Code of EU online Rights (Action 16) takes into account the latest legislative developments.
062 Propose EU-wide indicators of digital competences and media literacy	CNECT; EAC	31/12/2013	●	On-going, Commission published a Study in April 2013 on " Survey of Schools: ICT in Education " to collect up to date information on the availability and use of ICT in schools for the purpose of learning. The focus of the study is on developing indicators and gathering and analysing data on students' use, competence, and attitudes to ICT.
063 Systematically evaluate accessibility in all revisions of legislation	CNECT	31/12/2015	●	The Convention on the Rights of Persons with Disabilities , (2011) signed by all EU Member States, upholds accessibility as a right for all, including to digital technologies. Furthermore, assistive technology per se is key to accessibility. Inclusion is also followed up with action 64. The Commission is preparing a proposal for a European Accessibility Act to be published in 2013.
064 Make sure that public sector websites are fully accessible by 2015	CNECT	31/12/2011	✓	On 3 December 2012 the European Commission adopted a proposal for a Directive on the accessibility of public sector bodies' websites.
065 Memorandum of Understanding on Digital Access for persons with disabilities	MARKT	31/12/2012	✓	MoU Signed 14 September 2010 by: Federation of European Publishers, European Blind Union, European Writers Council European Dyslexia Association, International Federation of Reproduction Rights Organisations, and the International Association of Scientific, Technical and Medical Publishers.
066 Member States - long-term e-skills and digital literacy policies	CNECT	31/12/2011	●	Varying progress among Member States. Gdansk Roadmap for Digital Inclusion was developed through stakeholder consultation and launched in Oct 2011. Link to action 57.
067 Member States - Implement provisions on disability in Telecoms Framework and Audiovisual Media Services Directive	CNECT	31/12/2011	✓	First Report on the application by Member States on the Audiovisual Media Services Directive (AVMSD) adopted by the Commission on 7 May 2012.
068 Member States - Mainstream eLearning in national policies	CNECT; EAC		●	In 2013, the Commission will: develop further the initiative "Opening up Education" dedicated to mainstreaming ICT and Open Educational Resources. Select new research projects and pilots to showcase the use and deployment of eLearning resources and technologies in education and training across Member States.
<u>Pillar 7 - ICT-enabled benefits for EU society</u>				








069 Key Action 12 - ICT sector common energy and emission measures	CNECT	31/12/2011	✓	Key ICT companies piloted the different available methodologies and tested their coherence and compatibility and concluded that the methodologies form a coherent framework; depending on its use more detailed guidance could be required. ITU (International Telecommunication Union), ETSI (European telecommunication Standardization institute) and IEC (International electrotechnical commission) have actively collaborated to ensure consistency and compatibility between the standards on energy use and emission measurements. As a follow-up, in 2013, the Commission will assess the need for legal measures.
070 Support partnerships between the ICT sector and major emitting sectors	CNECT; ENER	31/12/2013	✓	Commission launched the Smart Cities and Communities European Innovation Partnership on 10 July 2012 to facilitate integrated approaches across sectors such as buildings, transport and energy.
071 Assess contribution of smart grids and define minimum functionalities to promote the interoperability	CNECT; ENER	31/12/2011	✓	Task force recommendation and standardisation mandate issued 2011. First set of standards issued end 2012.
072 Green Paper on Solid State Lighting (SSL)	CNECT	31/12/2011	✓	Commission Green Paper "Lighting the Future" adopted 15 December 2011.
073 Member States - Agree common additional functionalities for smart meters	CNECT; ENTR; ENER	31/12/2011	✓	Commission presented a set of functionalities agreed by 11 Member States in October 2011. Commission Recommendation to Member States adopted in February 2012, it is currently being implemented and monitored.
074 Member States - specifications for total lifetime costs for public lighting	MARKT; ENTR; ENV	31/12/2012	✓	Public Procurement Directive and the Green public procurement criteria for lighting equipment (2012).
075 Key Action 13 - Secure online access to their medical health data and wider deployment of telemedicine	CNECT; SANCO	31/12/2015	●	Two pilots funded under CIP programme. The eHealth action plan 2012-2020 was launched December 2012 to address barriers to widespread telemedicine deployment
076 Key Action 14 - Recommendation to define minimum common set of patient data	SANCO; CNECT	31/12/2012	●	Member States supported the proposal of the Commission for a non-exhaustive list of data to be included in Patient Summaries, during an eHealth Network Meeting in May 2013. Adoption of a guideline, including this data-set but also implementation measures and other relevant technical issues, is foreseen in November 2013.
077 EU-wide standards, interoperability testing and certification of eHealth	CNECT	31/12/2015	●	In 2013, the Commission will: Propose the European eHealth Interoperability Framework for endorsement by the eHealth Network; Propose specifications for their identification by the ICT standards multistakeholders platform for their endorsement by the eHealth Network and inclusion in the Interoperability Framework (recurring activity).








078 Reinforce the Ambient Assisted Living (AAL) Joint Programme	CNECT	31/12/2013		Proposal currently in preparation for AAL Joint Programme continuation under Horizon 2020.
079 Key Action 15 - Sustainable model for financing for Europeana	CNECT	31/12/2012		Commission Recommendation on digitisation and digital preservation adopted on 27 October 2011. Europeana is part of the Connecting Europe Facility (CEF) proposal. On legislative track.
080 Propose measures on cultural and creative industries	EAC	31/12/2012		Commission Communication "Promoting cultural and creative sectors for growth and jobs in the EU" adopted 26 September 2012 presenting a strategy to unlock the full potential of the cultural and creative sectors in the EU to boost jobs and growth. This strategy focuses on the promotion of a modern regulatory environment and stronger partnerships between different policies, in particular culture, education, industry, economic affairs, tourism, urban and regional development, and territorial planning. It also proposes a €1.8 billion 'Creative Europe' programme for 2014-2020.
081 Recommendation on promoting digitisation of European cinema	EAC	31/12/2011		Proposal for a recommendation on European film in the digital era is foreseen for first half of 2013.
082 Implementation of the provisions of the Audiovisual Media Services Directive on cultural diversity	CNECT	31/12/2011		First Report on the application of the Audiovisual Media Services Directive (AVMSD) adopted by the Commission on 7 May 2012.
083 Key Action 16 - Council and Parliament Decision on mutual recognition of e-ID	CNECT	31/12/2012		(Merged with Action 8) Legislative proposal adopted on 6 June 2012, coupled with eID following the Single Market Act.
084 Seamless cross-border eGovernment services in the single market	CNECT	31/12/2015		The Commission facilitated the exchange of views with the Member States to identify which new cross-border services could be piloted under the CIP ICT PSP programme and which services could be rolled out in 27 Member States. In April 2013 the Commission launched eSens , a new Large Scale Pilot on Basic Cross Sector Services. This Pilot will focus on all the building blocks developed by other Large Scale Pilots.
085 Review the Public access to Environmental Information Directive	ENV	31/12/2011		The Commission adopted its Report on the application of the Directive on 17 December 2012.
086 Implement cross-border eEnvironment services	ENV	31/12/2015		A Commission Staff Working Document - SEIS Implementation Plan (January 2013) - outlined priorities and improved co-ordination of mutually supportive activities.

087 Communication on "A Strategy for e-Procurement (White Paper on inter-connecting e-procurement capacity in EU)	MARKT	31/12/2011	✓	Commission Communication "Strategy for e-procurement" adopted 20 April 2012.
088 eCommission 2011-2015 action plan	DIGIT	31/12/2010	✓	Commission Communication "e-Commission 2012-2015" adopted 1 August 2012.
089 Member States - Make eGovernment services fully interoperable	CNECT	31/12/2015	●	The Commission has undertaken steps to ensure MS align their national interoperability frameworks with applicable European frameworks and develop more effective and efficient interoperable public services as agreed in the Malmo and Granada declarations . This issue is also tackled in CEF.
090 Member States - Points of Single contact function as fully fledged eGovernment centres	MARKT	31/12/2015	●	The Commission published a study (2012) on PSCs to assess the level of development of the Points of Single Contacts created by the Services Directive. Follow-up work will address the issues raised.
091 Member States - Agree a common list of key cross-border public services	CNECT	31/12/2011	✓	A Ministerial Roundtable in November 2011 in Poznan identified five key cross-border services. Agreement with Member States reached 2013.
092 Apply proposed ITS Directive in support of interoperability and rapid standardisation	MOVE	31/12/2015	●	Predeployment pilots on eCall in 9 European member States funded under the CIP programme (January 2011) and Adopted the eCall Recommendation and IA (September 2011). Working Programme on implementation of the ITS Directive adopted (February 2011). ITS Advisory Group established. In 2013, the commission will Fund research projects addressing automated driving for energy-efficiency and safety; Continue international cooperation on ITS research and innovation; Continue global ITS standardisation harmonisation. In 2014, The Commission will: Support ICT pilots addressing energy-efficient, safe and smart mobility; Fund research & innovation projects addressing Cooperative Intelligent Transportation Systems (C-ITS).
093 Adopt the Air Traffic Management Solutions for (SESAR)	MOVE	31/12/2010	✓	Commission Communication on governance and incentive mechanisms for deployment of SESAR adopted 22 September 2011.
094 Directive on the deployment of e-Maritime services	MOVE	31/12/2011	✓	Commission proposal for Directive 2010/65/EU on reporting formalities for ships adopted on 29 October 2010. It is an essential milestone for the use of e-maritime services. The Commission, supported by the European Maritime Safety Agency set up an expert group gathering the different users' administrations.
095 Directive setting out technical specifications for telematic applications for rail passenger services	MOVE	31/12/2011	✓	Commission proposal for a Regulation adopted on 5 May 2011 (instrument was changed from a Directive to a Regulation).

096 Member States - Fulfil obligations under European Rail Traffic Management System (ERTMS) 2015	MOVE	31/12/2015		European Rail Traffic Management System set up. A dedicated European deployment plan was adopted in July 2009 to ensure that EU Member States equip their network in the same timeframe. All Member States have national strategies which include a deployment strategy.
<u>International issues</u>				
097 Promote the internationalisation of internet governance	CNECT	31/12/2015		In 2013, the European Commission will: Present a strategy for Internet policy and governance, which will include a vision on its preferred global framework; Continue to work within ICANN and other relevant organisations to ensure that the rights and interests of EU citizens and business are defended and that the Internet governance ecosystem is truly inclusive, accountably and independent from limited interests. And it will continue the discussion on how to improve the current functioning of ICANN; Continue discussions on the governance of the Internet of Things (IoT) within the Internet of Things expert group, and participate in relevant international activities such as the ITU-T Joint Coordination Activity on Internet of Things (JCA-IoT) and various intergovernmental institutions (OECD, Council of Europe, Shanghai-Group, etc).
098 Support the continuation of the Internet Governance Forum (IGF) beyond 2010	CNECT	31/12/2015		<u>Decision at 65th UN General Assembly in December 2010</u> , extending the IGF to 2015.
099 Improve international trade conditions including IPR	TRADE	31/12/2015		The common EU/US initiative on ICT principles was launched at the Transatlantic European Council in 2011 and is being pursued actively in the relevant WTO fora. The EU-US agreement to conduct negotiations on the establishment of a Transatlantic Trade and Investment Partnership set the scene for further developments in this area. In 2013, the Commission will: Produce a trade template which reflects accurately the EU priorities in the field of e-communications and use it for trade negotiations in upcoming FTAs.; adopt a revised strategy, in the form of a policy Communication, for the protection and enforcement of intellectual property rights in third countries. Pursue its efforts in the different above mentioned negotiations and in the WTO.
100 Seek mandate to update Information Technology Agreement (ITA)	TRADE; TAXUD	31/12/2015		Commission received mandate from Member States in 2009; technical meetings started in May 2012 to create a consolidated list of products for expansion of the ITA. Parallel track of non-tariff barrier negotiations is on-going. By end of 2013, finalisation of negotiations on the ITA in the WTO (the Commission has received a mandate from the Council in 2009 on this topic).
Digital Agenda Review package				
<u>A European borderless economy – The Digital Single Market</u>				





102 Key Transformative Action: Completing the on-going review of the Copyright Framework through the preparation for legal drafting work, with a view to a decision in 2014 whether to table legislative reform proposals and seek the resolution of copyright-related issues where rapid progress is needed via a structured stakeholder dialogue in 2013.	MARKT; CNECT; EAC	31/12/2014		" Licenses for Europe " dialogue launched early 2013.
103 MS - Adopt and implement the key digital single market proposals of the Digital Agenda	MARKT; SANCO; CNECT	31/12/2015		The Commission adopted key legal proposals from Digital Agenda 2010: Framework Directive on collective rights management (action 1 DAE2010), Orphan Works Directive (Action 2, DAE 2010), Regulation on data protection (Action 12, DAE 2010). The Commission decided not to review the e-Commerce Directive; however, it took a number of measures in the context of the e-Commerce action plan adopted in January 2012.
104 Follow up on eCommerce Action Plan, Green Paper on payments and Consumer Agenda	MARKT; SANCO; CNECT			Commission Green Paper on an integrated European market for card, internet and mobile payments (January 2012), opened a public consultation . In SMA II (October 2012), the Commission announced legislative actions as a follow up to the Green Paper: Review Payment Services Directive (directive 2007/64/EC) and legislative initiative on multilateral interchange fees.
105 Guidelines to correctly implement EU rules on consumer information requirements	SANCO	31/12/2014		Directive on Consumer Rights adopted November 2011. Guidelines are foreseen for 2014.
106 VAT reform - align tax rates for digital content and similar physical goods	TAXUD	31/12/2013		The Commission presented a Green Paper in 2010, it conducted a public consultation early 2011 and published a Communication in Dec. 2011. On the basis of the outcomes of the public consultation and the study the Commission will elaborate a proposal on the new structure of VAT rates. The whole proposal on the "New VAT" will be presented by the end of 2013.
107 Proposals to strengthen the data industry in Europe	CNECT	31/12/2013		Recital 18 of the draft revised Directive on of the re-use of public sector information (PSI Directive, action 3), which itself is a part of a wider Open Data Strategy, calls upon the Commission to issue guidelines in order to help the Member States in implementing the legal provisions in a consistent way. The Commission, in line with its commitment formulated in the recitals of the revised PSI Directive, will issue a series of guidelines 1 st quarter 2014 on recommended standard licenses, datasets and charging for the re-use of documents, after consulting interested parties.
108 Green paper on a converged audiovisual world	CNECT	31/12/3013		Green paper on a fully-converged audiovisual world adopted 24 April 2013.

<u>Speeding up public sector innovation</u>				
109 Key transformative Action: Develop and implement public service infrastructures, policy and support in the framework of the Connecting Europe Facility	CNECT	31/12/2015		CEF proposal in legislative process, new proposal from the Commission was adopted on by mid-2013.
110 Deploy and roll out digital services in key areas of public interest	CNECT	31/12/2015		On the 1st April 2013, the new Large Scale Pilot (LSP) “Electronic Simple European Networked Services” - e-SENS was launched, focused on strengthening the digital single market and facilitating public services across borders.
111 Focus and develop and implement, as appropriate the Smart Cities, Active and Healthy Ageing, Green Cars, Energy Efficient Buildings PPP	CNECT; MOVE; ENER	31/12/2015		The Commission further intensified its efforts around smart cities by announcing the European Innovation Partnership on Smart Cities and Communities in 2012.
<u>Very fast internet supply and demand</u>				
112 Key Transformative Action: Durable regulatory measures on non-discrimination and wholesale pricing to promote investment and competition	CNECT	31/12/2014		Follow-up to actions 113 and 114 to further promote investment and competition in high speed networks.
113 Recommendation on non-discrimination, first half of 2013	CNECT	31/12/2013		Will be coupled with Action 114 in one single recommendation. The recommendation is planned for adoption by the Commission by mid-2013.
114 Recommendation on cost methodologies for regulated wholesale prices for network access, first half of 2013	CNECT	31/12/2013		Will be coupled with Action 113 in one single recommendation. The recommendations is planned for adoption by the Commission by mid-2013.
115 Recommendation on safeguarding the open internet for consumers, first half of 2013	CNECT	31/12/2013		In 2009, the Commission set out in its Declaration on Net Neutrality its commitment to preserve the open and neutral character of the Internet. The declaration was followed by a wide-ranging public consultation in summer 2010 and a joint summit organised together with the European Parliament in November 2010. In April 2011, a Communication on the open internet and net neutrality was adopted. The Commission is currently working on guidance on: transparency, switching and the responsible use of traffic management tools. This recommendation will be published before end of 2013.

116 Update of the 2007 Recommendation on the list of markets relevant for ex ante regulation	CNECT	31/12/2014		The Commission conducted a public consultation on the revision of the Recommendation on relevant markets , between 16 October 2012 and 8 January 2013. The review of the recommendation is foreseen in 2013.
117 Commission Regulation on cost reductions for civil works, beginning of 2013	CNECT	31/12/2013		The Commission adopted a proposal of a regulation concerning measures to reduce the costs of deploying high speed electronic communications networks (March 2013).
118 Update of guidelines on state aid for broadband by end 2012	CNECT	31/12/2012		The Commission conducted public consultations on broadband state aid in April 2011 and June 2012, before adopting new Broadband State aid Guidelines in December 2012. These changes focus on technological neutrality, ultra-fast broadband networks, step change (aid only for substantial improvements over existing networks), reinforcement of open access and transparency.
119 Pilot project to test project bonds for broadband deployment	CNECT	31/12/2013		A legal framework for the " Europe 2020 Project Bond Initiative " was created by Regulation (EU) No 670/2012 of the European Parliament and of the Council amending Decision No 1639/2006/EC establishing a Competitiveness and Innovation Framework Programme (2007-2013), and Regulation (EC) No 680/2007 laying down general rules for the granting of Community financial aid in the field of the trans-European transport and energy networks, adopted on 11 July 2012. This action will also be followed up in the framework of the CEF.
<u>Cloud Computing</u>				
120 Key Transformative Action: Establishment of the European Cloud Partnership to harness public buying power to accelerate the development of the market for cloud computing	CNECT	31/12/2013		European Cloud Partnership launched on 17 November 2012.
121 Follow up of the European Cloud Computing Strategy	CNECT	31/12/2015		In September 2012, the Commission published a Cloud computing strategy . The Commission will report on the implementation of the strategy at the end of 2013. It is also looking into how to enhance the strategy further. This action is complemented by Action 122.
122 Launch pilot action to explore the efficiency gains from moving public services into the Cloud	CNECT	31/12/2014		The ICT PSP Work Programme 2013 will finance several pilots for up to 18M€ of total EU contribution. Building on previous CIP projects, pilots in this objective will test and validate a set of cloud-based services in view of wider deployment of such public services and, in particular, to prepare the migration by public authorities to cloud computing-based solutions to deliver online public services.
<u>Trust and Security</u>				

123 Key Transformative Action: Directive on network and information security	CNECT; HOME; EEAS	31/12/2013	✓	Directive adopted on 7 February 2013.
124 European Cyber Security Strategy	CNECT; HOME; EEAS	31/12/2013	✓	Cyber Security Strategy adopted on 7 February 2013.
125 Expand the Global Alliance against Child Sexual Abuse Online	CNECT;HOME	31/12/2013	✓	Launch of a Global Alliance against Child Sexual Abuse Online in close cooperation with the EU Member States and the United States, 5 December 2012.
Entrepreneurship and digital jobs and skills				
126 Key Transformative Action: Grand Coalition on ICT and jobs	CONNECT; EAC; EMPL; ENTR	31/12/2013	✓	The Grand Coalition for Digital Jobs was launched in March 2013.
127 Set up a more business-friendly environment for start-ups	CNECT	31/12/2014	●	The support to ICT entrepreneurship will be a priority for the Horizon 2020, the EU's programme for research and innovation. These actions provide ICT entrepreneurs – including web entrepreneurs -with appropriate incentives and business environments to help them transforming their ideas into start-ups and subsequently into growing and leading enterprises. In terms of <u>access to finance</u> , the aim is to develop awareness and expertise of investors (such as Venture Capitalists and Business Angels) on technology and innovation trends in ICT fields. The expected impact for start-ups is to improve access to investors, cross border cooperation and mobilise more investments at early and growth stages. In <u>terms of entrepreneurship education</u> , the Commission is working - in close cooperation with national authorities - to promote education for entrepreneurship at school and university. Young people who benefit from entrepreneurial learning develop business knowledge and essential skills and creativity,. Specific actions will be addressed to promote risk-taking attitudes in Europe with a focus on ICT sector. The expected impact is to bring results to market: It is expected that more projects will reach a stage suitable for Venture Capitalists to invest in, and that a sustainably European network of high growth ICT start-up an entrepreneurship communities will build a community of stakeholders.
128 Action Plan for web entrepreneurship	CNECT	31/12/2013	●	Specific measures for Web entrepreneurs were announced in the Commission Communication on the " Entrepreneurship 2020 Action Plan " and the DAE review, December 2012.

Beyond R&D&I: An industrial agenda for key enabling technologies

<p>129 Key Transformative Action: Pooling of European public and private resources for micro- and nano-electronics behind a common industrial strategy, with a strengthened Joint Undertaking at EU level as the main vector for R&D&I support.</p>	CNECT	31/12/2015		<p>An Impact Assessment of the existing Joint Undertakings ENIAC and ARTEMIS to prepare for its evolution and governance improvement under the next Framework Programme for Research and Innovation, Horizon 2020 has been done. A proposal for a new Council regulation on the Electronic Components and Systems for European Leadership Joint Undertaking to be submitted to the Council and Parliament in the second half of 2013.</p>
<p>130 Focus and develop the photonics, robotics and Future Internet Public Private Partnership (PPP)</p>	CNECT	31/12/2015		<p>In a proposal for Horizon 2020 Regulation and a Communication on KETs, the Commission announced its intentions to create a contractual PPP in photonics. It is now preparing the PPP in cooperation with the photonics stakeholders (the Photonics21 European Technology Platform – regional photonics innovation clusters, end-users, etc.) and the Member States during 2013.</p>
<p>131 Action plan for electronics industry in Europe, further to the 2012 strategy for Key Enabling Technologies</p>	CNECT	31/12/2013		<p>The Commission launched a strategy for coordinated public investments in micro- and nano-electronics (such as semiconductors and computer chips), designed to expand Europe's advanced manufacturing base in May 2013, five major projects were launched to boost Europe's manufacturing competitiveness by bringing research closer to industrial needs.</p>
<p>132 Invest in High Performance Computing</p>	CNECT	31/12/2014		<p>High Performance Computing (HPC): The Commission is in 2013 preparing a PPP in cooperation with the HPC stakeholders grouped currently in the ETP4HPC European Technology Platform – http://www.etp4hpc.eu/ and PRACE (Partnership for Advanced Research in Europe http://www.prace-ri.eu/).</p>