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COMMISSION STAFF WORKING DOCUMENT

Overview of progress on the 101 Digital Agenda actions and Digital Agenda Review package

Accompanying the document

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

Digital agenda for Europe-dirving European growth digitally

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<table>
<tr><th colspan="5" align="center">Overview of progress on the 101 Digital Agenda actions
and Digital Agenda Review package</th></tr>
<tr>
<td colspan="2">Legend:</td>
<td colspan="3"></td>
</tr>
<tr><td colspan="2">On track</td><td colspan="3">🟢</td></tr>
<tr><td colspan="2">Delayed</td><td colspan="3">🔴</td></tr>
<tr><td colspan="2">In risk of delay</td><td colspan="3">🟠</td></tr>
<tr><td colspan="2">Completed</td><td colspan="3">✓</td></tr>
<tr>
<th>Action</th>
<th>Respon-sible DG</th>
<th>Digital Agenda deadline</th>
<th>Status</th>
<th>Completion date/deliverable</th>
</tr>
<tr><th colspan="5" align="center">Pillar 1 - A vibrant digital single market</th></tr>
<tr>
<td>001 Key Action1a - Framework Directive on collective rights management</td>
<td>MARKT</td>
<td>31/12/2010</td>
<td>✓</td>
<td>Proposal for Directive on collective management of copyright and related rights and multi-territorial licensing adopted 11 July 2012</td>
</tr>
<tr>
<td>002 Key Action1b - Directive on orphan works + stakeholders dialogue on out-of print works</td>
<td>MARKT</td>
<td>31/12/2010</td>
<td>✓</td>
<td>Proposal for Directive on orphan works adopted 24 May 2011. Memorandum of Understanding on out-of-print works signed on 20 September 2011.</td>
</tr>
<tr>
<td>003 Key Action1c - Review the Directive on Re-Use of Public Sector Information</td>
<td>CNECT</td>
<td>31/12/2012</td>
<td>✓</td>
<td>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.</td>
</tr>
<tr>
<td>004 Wide stakeholder debate on further measures</td>
<td>MARKT; CNECT</td>
<td>31/12/2012</td>
<td>✓</td>
<td>IPR strategy adopted 24 May 2011 (follow-up through Action 5)</td>
</tr>
</table>

005 Green paper on online distribution of audiovisual works and other creative content	MARKT	31/12/2010	✓	**Green Paper adopted on 13 July 2011**. Report on consultation on the Green Paper forthcoming.
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 launched on 30 November 2012 and will stay open until 30 March 2013.
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)
010 Member States - Implement key directives supporting the digital single market	CNECT	31/12/2015	🟢	
011 Member States - Transpose the VAT Directive	TAXUD	31/12/2013	🟢	
Key Action 4 - Review the Data protection Directive	JUSTICE	31/12/2010	✓	**Proposal adopted on 25 January 2012**. On legislative track.
013 Optional contract law instrument complementing Consumer Rights Directive	JUSTICE	31/12/2012	✓	**Proposal adopted 11 October 2011**. On legislative track.
014 Alternative Dispute Resolution Green paper /Online Dispute Resolution	SANCO	31/12/2012	✓	**Proposal for a Coommon European Sales Law adopted 29 November 2011**. On legislative track.

015 Stakeholder consultation and measures on collective redress	JUSTICE; SANCO; COMP	31/12/2015	🟢	After 2011 public consultation Commission decided it was premature to start policy intervention in this field.
016 Code of EU Online Rights	CNECT; JUST	31/12/2012	🟢	The Commission will update the Code of Online Rights at the end of 2012.
017 Stakeholder platform for EU online trustmarks	CNECT	31/12/2012	🟢	The Commission has conducted a study and final results are expected for end of 2012.
018 Harmonisation of numbering resources	CNECT	31/12/2011	✓	Public consultation concluded no need for this harmonisation.
019 Spectrum Policy Plan	CNECT	31/12/2010	✓	**Proposal adopted 20 September 2010**. Legislative process concluded in 2012.
020 An investigation into the cost of non-Europe in telecommunication markets	CNECT	31/12/2011	✓	**Study pusblished on 28 February 2012.**
101 Roaming	CNECT	31/12/2012	✓	**Proposal for Regulation on roaming on public mobile communications networks adopted 6 July 2011**. Legislative process concluded in 2012.
Pillar 2 - Interoperability and standards				
021 Key Action 5 - Propose legal measures to allow use of certain ICT fora and consortia standards	ENTR	31/12/2010	✓	**Proposal adopted 1 June 2011**. On legislative track. Formally completed with the adoption in December 2010 of the "Revised rules for the assessment of horizontal cooperation agreements under EU competition law". 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	✓	**Adopted 14 January 2011.**
023 Guidance on link between ICT standardisation and public procurement	CNECT	31/12/2011	🔴	The Commission will make a proposal in the first half of 2013.

Action	Dept	Deadline	Status	Notes
024 Adopt a European Interoperability Strategy and European Interoperability Framework	DIGIT	31/12/2010	✓	**Adopted 16 December 2010.**
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. Soft measures centred on best licensing practices and model licences will be further explored and developed.
026 Member States - Implement European Interoperability Framework at national level	DIGIT	31/12/2013	🟢	
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.
Pillar 3 - Trust and security				
028 Key Action 6 - Reinforced and high level Network and Information Security Policy	CNECT	31/12/2012	🟢	**On 30 September 2010 the Commission proposed a new Regulation on modernisation of ENISA.** Following legislative track.
029 Key Action 7 - Combat cyber attacks against information systems	CNECT	31/12/2010	✓	**Proposal for a Directive on Attacks against Information Systems adopted 30 September 2010.**
030 Establish a European cybercrime platform	HOME	31/12/2012	🟢	
031 Examine the feasibility of a European cybercrime centre	HOME	31/12/2011	✓	**Communication on a European Cybercrime Centre adopted on 28 March 2012. The centre to start operations in January 2013.**
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".**
033 Support EU-wide cyber-security preparedness exercises	CNECT	31/12/2015	🟢	**First pan-European simulation "Cyber-Europe 2010" in November 2010.**

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	🟢	**Communication "Strategy for a Better Internet for Children" published 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	🟢	
039 Member States - Carry out large scale attack simulation and test mitigation strategies	CNECT	31/12/2010	🔴	Not all Member States have yet carried out their simulations.
040 Member States - Fully implement harmful content alert hotlines	CNECT	31/12/2013	🟢	
041 Member States - National alert platforms to the Europol cybercrime platform	HOME	31/12/2012	🟢	
Pillar 4 - Fast and ultrafast broadband access				
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.**
044 Key Action 8c - European Spectrum Policy Programme	CNECT	31/12/2010	✓	**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.
047 Member States - Measures to facilitate broadband investment	CNECT	31/12/2015	🟢	To seek support of the MS for the adoption of legislation in the pipeline and seek effective and harmonised implementation of the adopted measures.
048 Member States - Use fully the Structural and Rural Development Funds	CNECT	31/12/2013	🟢	
049 Member States - Implement the European Spectrum Policy Programme	CNECT	31/12/2015	🟢	
Pillar 5 - Research and innovation				
050 Key Action 9 - Leverage more private investment	CNECT	31/12/2015	🟢	**Addressed in the Horizon 2020 proposal adopted 30 November 2011.**
051 Reinforce the coordination and pooling of resources	CNECT	31/12/2015	🟢	**Addressed in the Horizon 2020 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 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 proposal adopted 30 November 2011.**
054 Develop a new generation of web-based applications and services	CNECT	31/12/2015	🟢	
055 Member States - Double annual public spending on ICT research and development	CNECT	31/12/2020	🟢	
056 Member States - Engage in large scale pilots financed by the CIP	CNECT	31/12/2015	🟢	
Pillar 6 - Digital literacy, skills and inclusion				

057 Key Action 10 - Digital literacy and competences a priority for the ESF	EMPL	31/12/2012	✓	**Proposal for a Regulation on new ESF 2014-2020 adopted 6 October 2011**. On legislative track. Start of new programme expected in 2014.
058 Key Action 11 - Tools for competences of ICT practitioners and users	ENTR; EAC	31/12/2012	🟢	
059 Make digital literacy and skills a priority of the "New skills for new jobs" Flagship	EAC; EMPL	31/12/2010	✓	**Adopted 23 November 2010.**
060 Promote a higher participation of young women and women returners in ICT	CNECT	31/12/2015	🟢	
061 Develop an online interactive platform for consumer education including materials on new media technologies and media literacy	SANCO	31/12/2011	🔴	A community educational website called "Consumer Classroom", aimed at teachers of 12-18 year-olds, is scheduled for launch in the first half of 2013. The updated Code of EU online Rights (action 16) will take into account the latest legislatives developments.
062 Propose EU-wide indicators of digital competences and media literacy	CNECT; EAC	31/12/2013	🟢	
063 Systematically evaluate accessibility in all revisions of legislation	CNECT	31/12/2015	🟢	
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 the public sector bodies' websites**.
065 Memorandum of Understanding on Digital Access for persons with disabilities	MARKT	31/12/2012	✓	**Signed 14 September 2010.**
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.
067 Member States - Implement provisions on disability in Telecoms Framework and Audiovisual Media Services Directive	CNECT	31/12/2011	🟢	**First Report on the application of the Audiovisual Media Services Directive (AVMSD)** published 7 May 2012.

068 Member States - Mainstream eLearning in national policies	CNECT; EAC		🟢	No end date, but under constant monitoring.
Pillar 7 - ICT-enabled benefits for EU society				
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. 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 initiative 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	🔴	**Partially completed - task force recommendation and standardisation mandate issued 2011**. First set of standards by end 2012
072 Green Paper on Solid State Lighting (SSL)	CNECT	31/12/2011	✓	**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 adopted in February 2012; remaining Member States to incorporate agreed functionalities in their cost-benefit analyses by end 2012.
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.**
075 Key Action 13 - Secure online access to their medical health data and wider deployment of telemedicine	CNECT; SANCO	31/12/2015	🟢	2 pilots funded. Staff working paper on legal framework for telemedicine planned for second half of 2012.
076 Key Action 14 - Recommendation to define minimum common set of patient data	SANCO; CNECT	31/12/2012	🟠	eHealth Network to adopt guidelines in first half of 2013.
077 EU-wide standards, interoperability testing and certification of eHealth	CNECT	31/12/2015	🟢	

078 Reinforce the Ambient Assisted Living (AAL) Joint Programme	CNECT	31/12/2013	🟢	Proposal in preparation for AAL JP 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	✔	Communication **"Promoting cultural and creative sectors for growth and jobs in the EU"** adopted 26 September 2012.
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) published 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	🟢	
085 Review the Public access to Environmental Information Directive	ENV	31/12/2011	🔴	Communication on application of the Directive to be adopted end of 2012.
086 Implement cross-border eEnvironment services	ENV	31/12/2015	🟢	
087 Communication on "A Strategy for e-Procurement (White Paper on inter-connecting e-procurement capacity in EU)	MARKT	31/12/2011	✔	**Communication "Strategy for e-procurement" published 20 April 2012.**
088 eCommission 2011-2015 action plan	DIGIT	31/12/2010	✔	**Communication "e-Commission 2012-2015" adopted 1 August 2012.**
089 Member States - Make eGovernment services fully interoperable	CNECT	31/12/2015	🟢	

090 Member States - Points of Single contact function as fully fledged eGovernment centres	MARKT	31/12/2015	🟢	
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 planned for the first half of 2013.
092 Apply proposed ITS Directive in support of interoperability and rapid standardisation	MOVE	31/12/2015	🟢	
093 Adopt the Air Traffic Management Solutions for (SESAR)	MOVE	31/12/2010	✔	**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	✔	**Directive 2010/65/EU on reporting formalities for ships** adopted on 29 October 2010 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	✔	**Regulation adopted on 5 May 2011.**
096 Member States - Fulfil obligations under European Rail Traffic Management System (ERTMS) 2015	MOVE	31/12/2015	🟢	
International issues				
097 Promote the internationalisation of internet governance	CNECT	31/12/2015	🟢	
098 Support the continuation of the Internet Governance Forum (IGF) beyond 2010	CNECT	31/12/2015	✔	**Decision at 65th UN General Assembly in December 2010**, 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.

[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 under way.

Digital Agenda Review package				
A European borderless economy – The Digital Single Market				
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		
103 MS - Adopt and implement the key digital single market proposals of the Digital Agenda	MARKT; SANCO; CNECT	31/12/2015		
104 Follow up on eCommerce Action Plan, Green Paper on payments and Consumer Agenda	MARKT; SANCO; CNECT			
105 Guidelines to correctly implement EU rules on consumer information requirements	SANCO	31/12/2014		
106 VAT reform - align tax rates for digital content and similar physical goods	TAXUD	31/12/2013		
107 Proposals to strengthen the data industry in Europe	CNECT	31/12/2013		
108 Green paper on a converged audiovisual world	CNECT	31/12/3013		

Speeding up public sector innovation		
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
110 Deploy and roll out digital services in key areas of public interest	CNECT	31/12/2015
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
Very fast internet supply and demand		
112 Key Transformative Action: Durable regulatory measures on non-discrimination and wholesale pricing to promote investment and competition	CNECT	31/12/2014
113 Recommendation on non-discrimination, first half of 2013	CNECT	31/12/2013
114 Recommendation on cost methodologies for regulated wholesale prices for network access, first half of 2013	CNECT	31/12/2013
115 Recommendation on safeguarding the open internet for consumers, first half of 2013	CNECT	31/12/2013
116 Update of the 2007 Recommendation on the list of markets relevant for ex ante regulation	CNECT	31/12/2014
117 Commission Regulation on cost reductions for civil works, beginning of 2013	CNECT	31/12/2013

118 Update of guidelines on state aid for broadband by end 2012	CNECT	31/12/2012
119 Pilot project to test project bonds for broadband deployment	CNECT	31/12/2013
Cloud Computing		
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
121 Follow up of the European Cloud Computing Strategy	CNECT	31/12/2015
122 Launch pilot action to explore the efficiency gains from moving public services into the Cloud	CNECT	31/12/2014
Trust and Security		
123 Key Transformative Action: Directive on network and information security	CNECT; HOME; EEAS	31/12/2013
124 European Cyber Security Strategy	CNECT; HOME; EEAS	31/12/2013
125 Expand the Global Alliance against Child Sexual Abuse Online	CNECT;HOME	31/12/2013
Entrepreneurship and digital jobs and skills		

126 Key Transformative Action: Grand Coalition on ICT and jobs	CONNECT; EAC; EMPL; ENTR	31/12/2013
127 Set up a more business-friendly environment for start-ups	CNECT	31/12/2014
128 Action Plan for web entrepreneurship	CNECT	31/12/2013
Beyond R&D&I: An industrial agenda for key enabling technologies		
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.	CNECT	31/12/2015
130 Focus and develop the photonics, robotics and Future Internet Public Private Partnership (PPP)	CNECT	31/12/2015
131 Action plan for electronics industry in Europe, further to the 2012 strategy for Key Enabling Technologies	CNECT	31/12/2013
132 Invest in High Performance Computing	CNECT	31/12/2014