



Second Status Report
Working Group 3
Policy and Technology for the Future

Steering Ctte, Brussels, 21 June 2010

Working Group 3 – Policy and Technology for the Future

OVERVIEW OF CORE DELIVERABLES + STATUS

- **Organisational** - 100% complete - Co-chairs (Telecom Italia & Microsoft) & issue leaders established (see below) & Facilitated by TAE & two meetings (27 April and 1 June)
- **Policy Inventory** - 60% complete - namely:
 - Template Established (see next slide)
 - Rec'd policy input from: UK (intellect), Netherlands (IBM), France (Microsoft), Japan (Hitachi), Italy (Telecom Italia), Sweden (Ericsson), OECD (Microsoft), Ireland (Avaya), EU (Microsoft/TAE), S Korea (LG)
- **Next key Steps (6 July)**
 - Remaining countries to be completed by 6 July: Germany [DT], Spain [Telefonica], USA [AMD], China [?]
 - Rating of each jurisdiction to be undertaken at upcoming meeting (6 July)
 - Combine WG2 + WG3 work – notably agreement on joint gap-analysis of **policy and technology barriers** AND **accelerators** to rolling out *current* high-technology

Contact person: Ray Pinto (rpinto@microsoft.com)

ICT4EE WG3 – France Policy Overview impacting ICT process and Enabling Opportunities

Name of the bill	Date enacted	Date of effectiveness	Policy type	Policy abstract	Target	Overview of impact	Opportunities	Challenges	Others
National Energy Efficiency Action Plan	2008	2008-ongoing	Energy efficiency	in force and was created in 2008 as part of the EU	-	result in an increase in consumer demand	and enterprise customers will	-	http://ec.europa.eu/e
Retailer Sustainable Commerce Agreement	01.2008	2008-2013	GHG emissions and	On 29 January 2008, the French Ministry of Ecology,	-	result in an increase	on retailers to	-	http://www.developpement-durable.gouv.fr
Le Grenelle de L'Environnement (Energy Efficiency)	02. 2009	2009 - 2012	Sustainable development	In July 2007, the French government established six	-	• Mandatory energy audits and retrofits	• Customers' increased focus	-	http://www.legrenelle-environnement.fr



ICT4EE WG3 – Country/Region Policy Overviews impacting ICT process and Enabling Opportunities

Geography Impact: UK

Context Overview: This Act has enshrined an ambitious climate change strategy in law, committing the UK to reduce emissions by 80% by 2050 over 1990 levels and to minimise cumulative emissions and track progress by implementing a series of carbon budgets.

Policy Name: Climate Change Act 2008

Date Enacted: November 2008

Date of Effectiveness: 2008 – Ongoing

Policy Type: Command and Control / Strategy

Policy Abstract: The Climate Change Act 2008 sets an ambitious legal framework to tackle climate change in the UK. 1) it sets legally binding emissions reduction targets, requiring the UK to cut emissions by at least 80% by 2050 relative to 1990 levels, and by 34% by 2020, 2) it sets binding carbon budgets to ensure that reductions are on track - five-year carbon budgets set three budget periods ahead (first ones will cover the period 2008-2022). These set the trajectory towards the 2020 and 2050 targets and ensure that cumulative emissions are limited. 3) it sets a framework for clear accountability, which includes a requirement to publish policies and proposals for meeting the carbon budgets and a new Committee on Climate Change to advise Government on its budgets and how to meet them, and scrutinise delivery through annual progress reports.

Impact:

- **Target:** Overall target of reducing UK emissions by 80% over 1990 levels by 2050 and using carbon budgets to minimise cumulative emissions. No specific target for ICT.
- **Overview of impact:** ICT not differentiated in policy terms. Mixture of challenges for the more energy intensive ICT operations like data centres and opportunities for those applications that demonstrably deliver carbon reductions across the wider economy.
- **Opportunities:** Lots of scope for adopting and promoting ICT-enabled low carbon technologies to help achieve what are very ambitious policy objectives.
- **Challenges:** ICT not mentioned in the Climate Change Act. Vertical sector view taken in which ICT was ruled out because it was "too cross-sectoral". Approach is very sector-specific – Govt depts. all have their own carbon reduction targets but some (like BIS) will be more willing to adopt ICT-enabled solutions than others (DfT) who will prefer to stick with more traditional approaches and stay in line with powerful lobby groups like road hauliers and motor manufacturers.

Key Contacts: James Harries, DECC

Other: http://www.decc.gov.uk/en/content/cms/legislation/cc_act_08/cc_act_08.aspx

Name + email of WG 3 issue leader: Emma Fryer, emma.fryer@intellectuk.org

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AGENDA for 6 July

- **Validation of Policy Inventory + Rating** (*n.b. updated draft to be circulated on 22 June*), issue leaders
 - Commission feedback: Pierre (InfoSoc) *and Per Vigier (RTD) tbc*
 - Enabling Sector companies/associations feedback: e.g. EdF, Alstom etc
- **Synergy between WG2+3**, co-chairs from *both* WGs
- **Update re. IT2ET project**, Imperial College
- **Update re. DESC**, *Tim/AMD tbc*
- **Outcome from Steering Ctte (21 June)**, James/TAE
- **Agree Roadmap + 2010 dates** for WG3 meetings and calls, James/TAE
 - 9 Sept, 1600-1700 for conf call
 - 8 or 11 Oct, 1430-1730 for face2face (TAE offices)
 - 24 Nov, 1600-1700 for conf call
- **AOB**

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27 April meeting

