



## **Working Group 3**

Policy and Technology for the Future

Facilitated by TAE

# Working Group 3 – Policy and Technology for the Future

## OBJECTIVES

*WG3 dovetails with WG1 + WG2 by connecting **measurement** (WG1) and **enabling technology** (WG2) to market + policy barriers & accelerators by providing the government affairs piece of the ICT4EE forum.*

(1) Undertake Gap-analysis of **policy and technology barriers** AND **accelerators** to rolling out *current* high-technology within the next five years:

- Focus on **EU initiatives + specific key Member States**
- Reference, where appropriate, international benchmarks, such as:
  - US (with specific emphasis on TransAtlantic Economic Council's innovation dialogue and EU/US Energy Council as well as other initiatives such as DESC, Smart Computing, Green Grid)
  - Japan and South East Asia (*such as Green IT promotion Council in Japan*)
  - UN/UNFCCC/OECD and/or standards bodies (primarily IEC/ISO)

(2) Formulate an interim (half way) and a final set of **recommendations** (with case-studies and other relevant research) with WG 1 and WG2.

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*For ease of reference, Extract of ICT4EE forum’s roadmap (WG3) agreed at launch on 23 February 2010*

<b>3. Working with the public sector – “putting policy into practice”</b>	Support the dematerialisation of goods and services and encourage societal change.	Discussion within the ICT4EE Forum.	<b>Recommendations</b> on policies and regulations to support increased use of low carbon ICT solutions. <b>Case study guides</b> of sustainable use of ICT (IT refresh, building management, travel reduction, flexible working, electronic medical records etc) and cost effective and energy saving ICT enabled solutions for <b>public authorities and governments.</b>	2010-11
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## *MODUS OPERANDI*

**Initial Brainstorming call for WG3: 19 April, 14:30 Brussels time  
CONFERENCE CALL** (Dial: +32 2 789 85 23 PIN: 87 03 31 58) to  
**prepare the first meeting.**

### **FIRST MEETING (27 April, 14:30 – 17:30, TAE office, Brussels):**

- A company will provisionally chair the first meeting. However, candidates for the position to provide their interest + bios by 27 April and present their interest at end of the meeting.
- Election for a Chair & Vice-Chair to be held virtually with deadline of 7 May 18:00 for votes. The term of this chairmanship will be 1 + 1 year (i.e. optional additional year if all agree) from 7 May 2010 (i.e. deadline for +1 yr: 14/2/11)
- Rapporteurs for each of the focus areas to volunteer at the first meeting. The term of these rapporteurs will be 1 + 1 year (i.e. optional additional year if all agree). Given absence of consultant/resources the rapporteurs ability to engage and deliver will be KEY to shaping prioritisation and the final result. N.B. Encourage rapporteurs to also be active on other WGs to ensure co-ordination
- Each rapporteur to then write a SMART deliverable according to the mission established in the Roadmap which will then be discussed/finalised at virtual meeting in late May/Early June or, alternatively, at the Second meeting (date?) and then communicated to WGs 1 + 2 to ensure co-ordination with validation call with steering ctte by 1 July 2010.
- Agree to simple project Mgt tools to keep tabs on deliverables
- Dates to be agreed for future meetings and a regular monthly call

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## *MODUS OPERANDI*

### **SECOND MEETING (*late June or early July*) and beyond...:**

- Before the second meeting we will have prioritised each issue and focus on delivering most important priorities in a timely fashion

#### **Other:**

- Validation process to be consistent with other WGs
- “Drip feed” interim-results throughout the forum (through email/website/events)
- 12 Month Summary Report to assess achievements and remaining tasks (including possible request for funding, if necessary)
- Optional time-out sessions for companies to brainstorm within the WG and then report back to the WG (prerogative of rapporteur and chair)

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## *EXPLOIT EXISTING SYNERGIES*

### **OPERATION (from mid-2010) contd.:**

- Third WG (**Oct 2010**) meeting could be in the form of an external event to engage with ALL stakeholders (using virtual aids) around the world and validate some initial findings
- To exploit the insights of new research projects:

#### **> DESC**

*Key Objective: share relevant input from DESC into WG3*

**> From IT to ET:** Enabling a Low Carbon Economy (Imperial College London & Johns Hopkins )

*Key Objective: “To understand the potential of “Enabling Technologies” to support the reduction of carbon dioxide emissions and the market opportunities and policy implications that this presents for Europe”*

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## *EXPLOIT EXISTING SYNERGIES*

> From IT to ET: Enabling a Low Carbon Economy (Imperial College London & Johns Hopkins research )

### *Sub Objectives:*

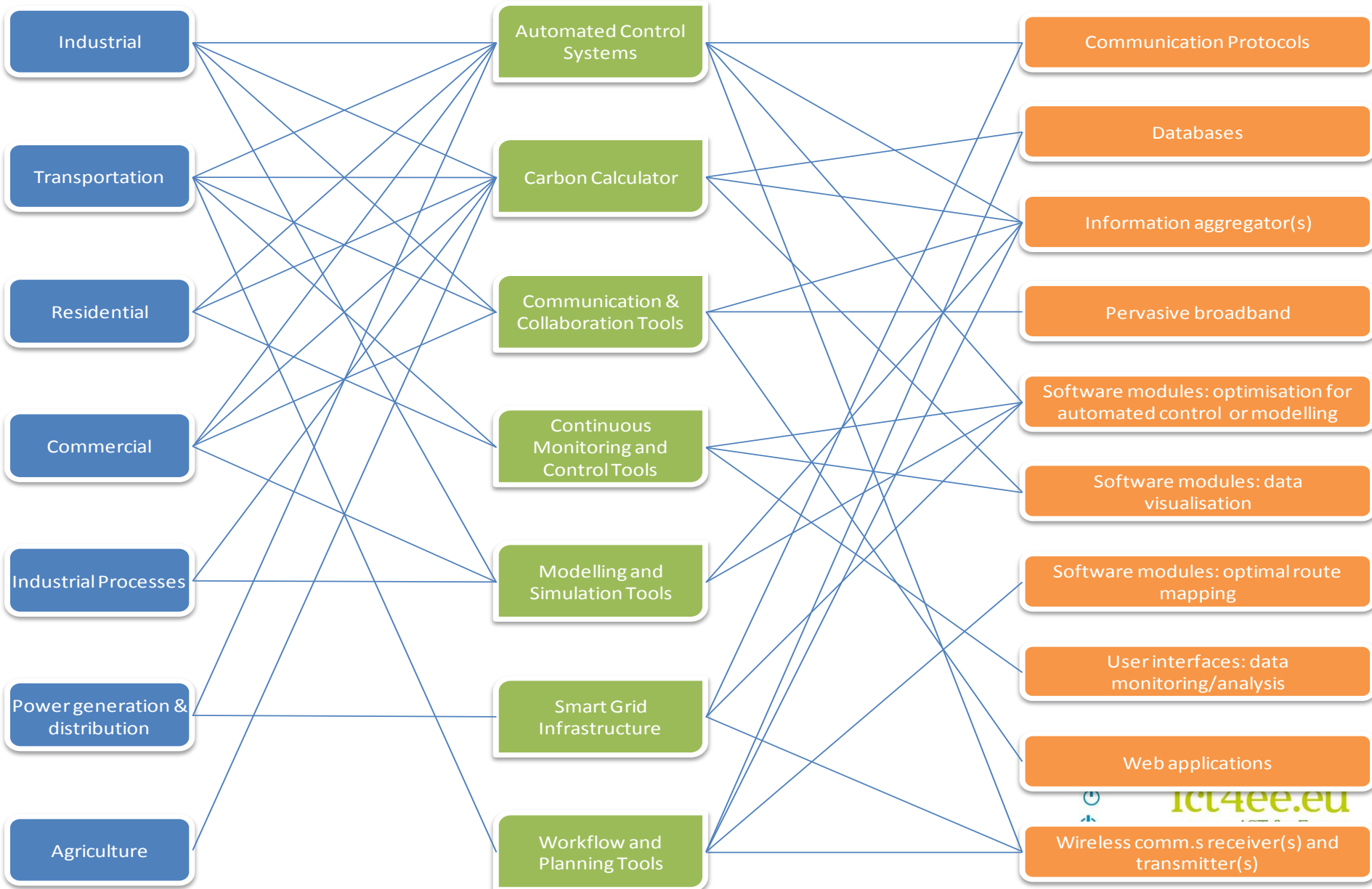
- To develop a methodology for identifying the market potential for ICT-based applications that offer significant potential carbon emissions abatement or energy consumption reductions.
- To develop a methodology for identifying the actions that the EU and its member states should take to encourage the adoption of such ICT-based applications.
- To demonstrate both methodologies with respect to a sub-set of EU member states and a sub-set of high-potential applications, and to integrate them into a validated model that can be applied to deliver broader analyses across the EU.
- To estimate the resource requirements applying the model to additional EU member states.

Note: We are committed to achieving the above in consultation in partnership with experts from around Europe.



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## *Insights from Imperial*



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## *Insights from Imperial*

We've found that carbon abating applications are dependent upon the following 10 ETs which appear to reside within nested level of an ICT hierarchy:

