



# Profile and Direction

Dr. Bernd Kosch (FUJITSU), WG 2 Chairman  
ICT for Sustainable Homes Conference  
Nice, November 19, 2010

# Foundations

- **The European Commission's First Communication on ICT For Energy Efficiency was published in May 2008. it addressed**
  1. Reducing ICT processes' energy consumption
  2. Exploiting ICT's potential to improve energy efficiency across the European economy.
  3. Increasing the visibility and understanding of ICT's energy efficiency potential.
  
- **In 2009 three central actions were identified**
  1. The ICT sector was invited to set its own targets and to reach agreement on measurement methodologies that focus on accuracy, transparency and veracity of energy consumption and carbon emissions of its processes, at company and sector level.
  2. Working partnerships between the ICT sector and other major energy-consuming sectors were encouraged to identify how and where ICT can play a role in improving efficiency and reducing emissions in those sectors.
  3. All Member States in the European Union were called upon to enable the EU-wide roll-out of ICT tools capable of changing the behaviors of consumers, businesses and communities and at the same time driving demand for innovative ICT solutions to optimize the performance.

# ICT4EE Forum Structure

- **The ICT4EE Forum is a voluntary, coordinated global industrial response to critical energy and climate issues, founded by 4 stakeholders**
  - DIGITAL EUROPE
  - Global e-Sustainability Initiative (GeSI)
  - Japan Business Council Europe (JBCE)
  - TechAmerica Europe
- **Organizational Structure**
  - **Steering Committee**
    - ICT Associations and Industry Bodies – including all of the four founding members
    - The European Commission as an observer
    - Other sector associations
    - Non Government Organisations and experts
  - **3 Working Groups**
  - **Stakeholder Plenary**

# ICT4EE Forum History

- **Formal launch**
  - February 2010: Launch of the ICT4EE Forum at the European Commission Headquarters in Brussels
  
- **Operational launch**
  - April 2010: Initial formation of working groups at 3 F2F-meetings in Brussels
  
- **Activity**
  - All WGs have monthly calls/meetings since April 2010
  - June, September 2010: 2nd and 3rd Steering Committee Meeting in Brussels
  - Stakeholder Plenary Meeting will be held in first quarter 2011

# Stakeholder Environment

- European ICT Trade Associations
- International Standardization Organizations
- Green IT industrial initiatives
- National ICT Trade Associations
- Other international organizations
- Environmental reporting schemes
- NGOs



# ICT4EE Forum Working Groups

- **WG 1: Measuring the Energy Efficiency of ICT Processes**

Development of methodologies, targets, reporting, auditing and verification frameworks regarding ICT itself.

- **WG 2: Enabling Energy Efficiency in other Sectors**

Using technology where there is greatest scope for reductions: transport, buildings and energy supply, based on a snapshot of cities as a systemic way of looking at all sectors. Collection of methodologies to quantify the enabling effect.

- **WG 3: Policy and Technology for the Future**

Policy and technology timelines - from current mitigation to future transformation, including a focus on available technologies versus under-deployment, behavioral change, innovation drivers, scenario building and future policy landscapes.

# ICT4EE Forum WG 2

- **Charter: Enabling Energy Efficiency in other Sectors**
- **Active Membership:**
  - Approx. 15 ICT companies, Telecom service providers and institutions (50%/ 40% / 10%)
  - Secretariat and support by DIGITAL EUROPE
  - Regular participation (observer / advisor) by European Commission
- **2 Chairmen: B. Kosch (FUJITSU) / D. Torres (Telefonica)**
- **Status:**
  - Finalized the taxonomy of energy-efficiency enabling ICT-applications and –processes
  - Starting the collection / documentation of associated assessment methodologies (by sector)
  - Starting the liaison-process with the industry-associations of the target-sectors (transport / buildings / energy)
- **Target: Laying the foundations for pragmatic policy recommendations reflecting the aligned views of the ICT-sector and the target-sectors**

# Opportunities to Participate

- **WG 1 and WG 2 are still open for new members to increase the workgroup expertise on specific subjects**
  - **WG 1** provides opportunities to participate for additional IT companies, particularly with a hardware focus
  - **WG 2** provides opportunities for solution focused ICT companies , particularly in SMART Grid and/or Smart Buildings
- **Contacts:**
  - ***DIGITAL EUROPE, ICT4EE Secretariat:***  
Tony Graziano [Tony.Graziano@digitaleurope.org]  
Michele Pastore [michele.pastore@digitaleurope.org]
  - ***Workgroup 1 Chairs:***  
Susanne Lundberg [susanne.lundberg@ericsson.com]  
Lars Bruckner [Lars.Bruckner@EU.NEC.COM]
  - ***Workgroup 2 Chairs:***  
Daniela Torres [daniela.torres@telefonica.es]  
Bernd Kosch [bernd.kosch@ts.fujitsu.com]
  - ***Workgroup 3 Chair:***  
Ray Pinto (LCA) [rpinto@microsoft.com]



# Thank You

**- for Your Attention**

Dr. Bernd Kosch (FUJITSU), WG 2 Chairman  
ICT for Smart Homes Conference  
Nice, November 19, 2010