


<p>Project: REViSITE Roadmap Enabling Vision and Strategy for ICT-enabled Energy Efficiency (www.revisite.eu)</p>	
<p>Title: D2.3 ICT4EE - Impact Assessment Model</p>	<p>Deliverable D2.3 (download)</p>
<p>Work Plan: The REViSITE project aims to produce a common cross-sectoral ICT4EE roadmap that identifies and harmonises common topics highlighting synergies for positively impacting energy efficiency. This deliverable details the methodology used to identify the potential relevance of ICTs with respect to the development of an ICT4EE Strategic Research Agenda.</p>	<p>Authors:</p>  <p>Keith Ellis (Intel Labs) Keith.a.ellis@intel.com</p>
<p>Executive summary:</p> <p>In 2008, Commission President José Manuel Barroso stated “...the real gains will come from ICT as an enabler to improve energy efficiency across the economy. ICT matters for energy reduction, especially in transport and the energy intensive sectors. ICTs ability to organise and innovate is a key factor’.</p> <p>While in January 2011 President Barroso stated “...Since our best source of energy is in fact energy efficiency, and also considering the prices of energy, I think it is important from all points of view to achieve real progress of energy efficiency very soon...’.</p> <p>In short, the central role of ICT in enabling energy efficiency and sustainability goals is evident, as is the urgency in achieving those goals, and it is within that context REViSITE is set.</p> <p>D2.3 ‘ICT4EE - Impact Assessment Model’ is the final deliverable of Work Package 2 within the REViSITE project. The purpose of the deliverable is to identify the potential relevance of key ICTs with respect to the development of an ICT4EE Strategic Research Agenda, the ultimate goal of which focuses on energy efficiency improvement across the four target sectors.</p>	 <p>Charlie Sheridan (Intel Labs) charles.g.sheridan@intel.com</p>

<p>The modelled output is based on the qualitative research of deliverable D2.2 'ICT4EE- Knowledge and current practices' and utilises the framework developed in deliverable D2.1 'ICT4EE- Data Taxonomy: A common methodology to assess the impact of ICT developments' on energy efficiency'.</p> <p>The report begins with a recap of the framework of deliverable D2.1 together with a discussion as to the value of the approach. This is followed by a summary, broken down by sector, of the most promising RTD/ICTs as identified by survey. The survey output is then compared to community discussion and key ICT's identified in the project workshops to date.</p> <p>Finally, a synthesis of the main common RTD/ICT themes in terms of SRA relevance of all four sectors is presented. The deliverable highlights the importance of 'automation and operational decision support' and 'specification and design' ICTs amongst others in terms of energy efficiency. The deliverable survey and trend analysis offers, in the opinion of the consortium, clear trajectories for WP3 SRA discussion.</p>	
<p>Keywords: Taxonomy, SMARTT, ICT, ICT impact assessment, Methodology, Smart Grids, Smart Buildings, Smart Manufacturing, Smart Lighting.</p>	<p>Date: 29/06/2011</p>
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