



**NSAI**  
Standards

## Energy Standards Consultative Committee

### ESCC Annual Report 2010

## 1 Introduction

Since the publication of I.S.393:2005 (Energy Management Systems – Requirements with Guidance for Use) and the subsequent success of this standard in supporting energy efficiency programmes implemented across many sectors of Irish Industry, a raft of standardization in the area of energy efficiency has commenced at both European and International level. To meet the challenge of standardization in this area and in order to continue to support Irish Industry, NSAI with the support of Sustainable Energy Authority of Ireland established a national committee to support the development of relevant standards. The Energy Standards Consultative Committee has been in operation since July 2009.

## 2 Scope

- To advise NSAI on Irish Standards and/or Codes of Practice necessary for products and processes in the area of energy efficiency.
- To draft any such documents, or proposing amendments to existing Standards / Codes of practice as necessary
- To provide commentary on drafts of proposed European Standards (EN) and International Standards (ISO)
- To draw up National Annexes / National Forewords to relevant EN and ISO standards where such may be required
- To provide representation, where appropriate, to related European and International Standards Bodies Technical Committees / Working Groups

## 3 Highlights 2010

### 1 Ireland to the forefront in certification to EN 16001.

A recent update on EN 16001 certifications issues by the CEN / CENELEC Sector Forum on Energy Management profiles Ireland as a leading country in certifications to the European standard for energy management. Included on the list of those companies certified are some of our leading indigenous companies together with many global organizations.

### 2 ISO 50001 continues to make progress

In spite of very significant obstacles in advancing DIS 50001 to its next stage, the draft International standard continues on time to its expected publication in mid 2011. The Irish delegation, having participated in all stages of the development process, has demonstrated its experience and positive influence in this emerging standard.

## 4 Developments 2011

### 1 Further draft European standards available for national comment

- prEN 16212 Energy efficiency and savings calculation- Top down and bottom up methods released for enquiry ballot 2010-12-09
- prEN 16231 Energy efficiency benchmarking methodology due for a six month period of enquiry from 2011-01-13

- prEN 16247-1 Energy audits – General requirements due for a six month period of enquiry from 2011-02-24

In addition, the energy audits programme includes a number of additional parts covering buildings, processes and transportation. Work on these parts has already commenced with drafts expected for enquiry during late 2011.

## 2 ISO TC 242 (Energy management)

Now that ISO 50001 is nearing completion and the work of ISO PC 242 is coming to a conclusion, the project group is being given full technical committee status. The proposed scope of this committee is expected to have a broad remit in the field of energy management and will include energy use and consumption, energy management, energy supply, procurement practices, measurement and verification, energy savings calculations, energy auditing/assessments, sector specific guidance, competence of energy management professionals and certification bodies, development and tracking of energy performance indicators, energy as it relates to sustainability , and other topics.

Some of the work proposed by this committee will mirror that already having taken place, or under development, at European level but it is expected that keeping pace with such extensive developments will provide a particular challenge for the energy standards committee.

## 5 International Participation

During 2010 ESCC members attended technical committee meetings of the following European and International standards bodies

- ISO PC 242 (Energy Management)
- CEN/CENELEC Sector Forum on Energy Management
- CEN/CENELEC JWG3 Guarantees of Origin and Energy Certificates

It is expected that 2011 will bring renewed participation in European standardization and in emerging ISO projects as individual work items are announced.

## 6 Committee Membership 2010

### Energy Standards Consultative Committee

<b>Ray Timmins</b> <b>Chairman</b>	Consultant
<b>Barry Smith</b> <b>Technical Secretary</b>	NSAI, Standards Development
<b>Claire Collins</b>	Department of communication, energy and natural resources
<b>Kevin Gaughan</b>	Dublin Institute of Technology
<b>Kevin Geoghegan</b>	Intel
<b>Mark Macaulay</b>	Association of Irish Energy Agencies
<b>Liam McLaughlin</b>	Consultant
<b>Michael McNerney</b>	Tesco Ireland
<b>Richard Morrison</b>	RPS Group
<b>'Stjohn O'Connor</b>	Department of communication, energy and natural resources
<b>Kevin O'Rourke</b>	Sustainable Energy Authority of Ireland
<b>Dominic O'Sullivan</b>	University College Cork
<b>Alan Ryan</b>	Sustainable Energy Authority of Ireland