



Workshop programme

Monday 16th March

8.00 - 8:50 Welcoming of delegates

To all registered delegates: *please bring your passport. Please note that security checks and release of badges at OECD may take some time*

9:00

OPENING PLENARY: The importance of energy efficiency standardisation

- a. **The overriding importance of energy efficiency: global trends and needs**
Pieter Boot, Director of Directorate of Sustainable Energy Policy and Technology, IEA
- b. **Energy efficiency: the cheapest and largest means of reducing carbon emissions**
Ambassador William Ramsay, Senior Fellow, Institut Français Des Relations Internationales
- c. **How international standards can help**
Rob Steele, Secretary-General, ISO
- d. **IEC standardization supporting energy efficiency and carbon reduction**
Frank Kitzantides, IEC Vice President, Chairman of the IEC SMB and Enno Liess, IEC Vice President, Convenor of the IEC MBS

10:30 Coffee break

11:00

TOP DOWN VS BOTTOM UP: Can we measure efficiency from the end-use to the sectoral level?

Chair: Anita Eide, DG TREN Commission of the European Communities

- a. **Energy efficiency indicators**
Peter Taylor, Head of Energy Technology Policy Division, IEA
- b. **Measuring energy efficiency at the sectoral level**
Tomoya Ichimura, Director of the Energy Strategy Office, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry - Japan
- c. **CEN/CENELEC standards in support of the EU Energy Services Directive**
Bernard Gindroz, PhD, Director, Direction for Energy, Air and Noise, ADEME CEN/CENELEC Sector rapporteur on Energy Management
- d. **"Activities of the ISO SAG-E" and "Activities of the IEC SG1: energy efficiency and renewable resources"**
Bernhard Thies, Chairman of the Board of Directors of DKE and Chair of IEC SG 1 and Carole Le Gall, CSTB, Chair of ISO SAG-E

12:45 Lunch break



PARALLEL SESSION 1

14:00

1.A TERMINOLOGY AND CALCULATION METHODS

Chair: Jean-Louis Plazy, Convenor of the CEN/CLC TF 190 on Energy Efficiency and Savings calculation

- a. **Terminology & calculation methods**
Ananda Ram Bhaskar,
Head of the Energy Conservation and Environmental
Technology Units, National Environmental Agency
- b. **Energy efficiency - International terminology -
How ?**
Jean-Jacques Marchais, Schneider-Electric, IEC MSB-
EEE and SG1 member
- c. **Evaluation, measurement and verification of
energy efficiency programs**
Steve Schiller, Board member, Efficiency Evaluation
Organization (EVO)

15:45 Coffee break

16:15

1.B. ENERGY MANAGEMENT

Chair: Gianpiero Nacci, Principal Engineer, Energy
Efficiency Climate Change, European Bank for
Reconstruction and Development

- a. **Energy management system standard ISO
50001**
Ed Pinero, Chairman of ISO PC 242, Energy
Management. Manager of Sustainable Development,
Parsons Corporation
- b. **Energy management standard implementation
in developing countries**
Li Tienan, Director, China Standard Certification
Center
- c. **CEN/CENELEC Standard prEN 15900. Energy
efficiency services (EES): Definitions and
essential requirements**
Ettore Piantoni -- Convenor of the PT EES (Energy
Efficiency Services) of the CEN/CENELEC TF 189
(Energy Management and related services)

Session continues on next day

PARALLEL SESSION 2

14:00

2.A ENERGY EFFICIENCY OF BUILDINGS

Chair: Paul Davidson, Director of the Sustainable
Energy Group, Building Research Establishment

- a. **International standards supporting the energy
efficiency of buildings**
Essam E Khalil, Professor of Mechanical Engineering,
Convenor of ISO TC 205 and member of ISO TC 163,
Cairo University
- b. **Assessment tools for building performance to
promote Energy efficiency in the building sector**
Shuzo Murakami, Chief Executive, Building Research
Institute
- c. **Setting minimum energy performance
requirements in the new recast EU Directive on
the energy performance of buildings (EPBD)**
Randall Bowie, Chief Consultant,
Rockwool International A/S

15:45 Coffee break

16:15

2.B. ENERGY EFFICIENCY OF ELECTRICAL AND ELECTRONIC APPLIANCES

Chair: Jaiook Kim, Consumer International

- a. **Appliance energy policy and technical
standards**
Paul Waide, Senior Policy Analyst, Energy Efficiency
and Environment Division, IEA
- b. **Global test procedures to support energy
efficiency: obstacles and opportunities**
Lloyd Harrington, Director, Energy Efficient Strategies
- c. **Light Quality and Energy Efficiency - the CIE
Approach**
Peter Zwick, Technical Manager, International
Commission on Illumination (CIE)

Session continues on next day

17:45 End of first day - followed by Cocktail Reception



Tuesday 17th March

PARALLEL SESSION 1 (continued)

9:00

1.C. SYSTEMIC APPROACH FOR INDUSTRIAL SYSTEMS

Chair: Aimee McKane, Senior Program Manager,
Lawrence Berkeley National Laboratory, USA

- a. **Indicators and benchmarking: issues and recent developments**
Dolf Gielen, Senior Analyst, Energy Technology Policy Division, IEA
- b. **Systems optimization & energy management standards**
Robert Williams, Chief, Energy Efficiency and Climate Change Unit, UNIDO
- c. **World steel climate change initiative**
Ikuo Jitsuhara, General Manager, Climate Change, World Steel Association

10:30 Coffee break

11:00

1.D. SYSTEMIC APPROACH FOR POWER GENERATION

Chair: Inge Pierre, Head of European Affairs, Svensk Energi - Swedenergy - AB, Eurelectric

- a. **Coal-fired power generation: the need for a common mechanism to collect and report performance**
Sankar Bhattacharya, Analyst - Clean Coal, IEA
- b. **Energy efficiency. A systemic approach for the electric power sector: focus on T&D network**
Antonio Negri, Director "Environment & Sustainable Development" Department, CESI RICERCA Spa
- c. **The role of power generation in reducing greenhouse gases**
Daniel Glorian, Honorary Chairman, WEC Committee on the Performance of Generating Plant, World Energy Council / Electricité De France

PARALLEL SESSION 2 (continued)

9:00

2.C. ENERGY EFFICIENCY OF DATA CENTRES AND NETWORKS

Chair: Hiroshi Ota, TSB member,
International Telecommunication Union (ITU)

- a. **Service Aware Metric for Energy Efficiency in Green Data Centers**
Satoshi Sekiguchi, Director, Grid Technology Research Center (GRID), National Institute of Advanced Industrial Science and Technology (AIST), Japan
- b. **Networks, Standards and Energy**
Bruce Nordman, Researcher, Lawrence Berkeley National Laboratory
- c. **The European Union Code of Conduct on Data Centre Energy Efficiency**
Paolo Bertoldi, Programme Manager, European Commission DG Joint Research Centre, Ispra

10:30 Coffee break

11:00

2.D. ENERGY EFFICIENCY OF TRANSPORTATION

Chair: Steve Perkins, Director, Joint Transport Research Centre, International Transport Forum (ITF)

- a. **Information to customers on energy consumptions and GHG emissions of transport services**
Marc Cottignies, Engineer, ADEME
- b. **Fuel efficiency test procedures for light duty vehicles**
Noriyuki Ichikawa, Committee Member, UN Economic Commission for Europe, WP29 and Japan Automobile Standards Internationalization Center
- c. **Testing the energy efficiency of HGVs, tyres and vehicle cooling systems**
Takao Onoda, Analyst - Transport, IEA

12:30 Lunch break



International Standards to Promote Energy
Efficiency and Reduce Carbon Emissions



14:00
CLOSING PLENARY
introduced by Nobuo Tanaka, Executive Director, IEA

Reporting back

- a. *Rapporteur Parallel Session 1*
- b. *Rapporteur Parallel Session 2*

14:45
PANEL DISCUSSION and CONCLUSIONS

15:45 End of workshop

16:00 to 18:00
Joint ISO SAG-E and IEC SG 1 meeting
