Conference Deadlines

- **2003 January 31**: abstracts are due.
- **2003 February 21**: notification of abstracts acceptance.
- **2003 April 30**: draft papers are due at the conference secretariat.
- **2003 May 31**: reviewers' comments will be sent to authors.
- **2003 June 27**: final papers due at the conference secretariat.

EEDAL 03 International Programme Committee

1. Paolo Bertoldi, European Commission JRC
2. Jerome Adnot, Ecole des Mines, Paris France
3. Robert Angioletti, ADEME France
4. Chris Baker, DEFRA UK
5. Ronnie Belmans, University of Leuven and UIE
6. Vincent Berrutto, European Commission JRC
7. Nico Beute, Cape Technikon South Africa
8. Nils Borg, ECEEE and IAEEL
9. Roberto Borsani, Assil and CELMA
10. Eddy Ceelen, Philips Lighting
11. Jan Cluyse, Daikin Belgium
12. Flavio Conti, consultant Italy
13. Anibal de Almeida, University of Coimbra Portugal
14. Peter Du Pont, Thailand
15. Christine Egan, CLASP
16. Peter Evans, Sony UK
17. Lloyd Harrington, consultant Australia
18. Bob Harrison, Consumer Association UK
19. Reinhard Höhn, IBM
20. Marc Hoffman, CEE US
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26. Marc Ledbetter, PNNL US
27. Jiang Lin, LBNL US/China
28. Michel Machiels, UIE
29. Paolo Manini, Saes Getters Italy
30. James McMahon, LBNL US
31. Alain Meier, LBNL US
32. John Mollet, International Copper Association
33. Franco Moretti, Wirlpool Italy and CECED
34. Steve Nadel, ACEEE
35. Hideotoshi Nakagami, Jyukankyo Research Institute Japan
36. David Nemtzow, ASE
37. Roberto Pagani, Softech Italy
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42. Linda Sandhal, PNNL US
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44. Stefan Thomas, Wuppertal Institute Germany
45. Li Tienan, CECP China
46. Felix Van Eyken, EHI
47. Keven Verdun, The Lighting Association
48. Sead Vilogorac, UNECE
49. Diana Vorsatz, ECU Hungary
50. Paul Waide, PW Consulting UK
51. Hal Wilhite, Norway

Introduction to the EEDAL'03 Conference

The residential sector is responsible for a large share of energy and electricity consumption and the related emissions into the atmosphere. Residential energy demand is also rapidly increasing, putting a strain on the available finances and infrastructures of several developed and developing countries.

The recent World Summit on Sustainable Development in Johannesburg concluded that changing unsustainable patterns of energy use is a key area for global action to ensure the survival of our planet. At the same time, the Summit also highlighted that nearly one third of mankind does not yet have access to electricity and basic energy services, while another third has only poor or unreliable access. Energy efficiency improvements in residential appliances and lighting can play a key role in assuring a sustainable energy future and socio-economic development, and at the same time mitigate climate change. Energy efficiency measures related to residential appliances and lighting are among the most cost-effective CO2 emission reduction actions, and offer the best opportunity to increase the security and reliability of energy supply. In developing countries efficient residential appliances and lighting are vital to improve living conditions and reduce local pollution. Moreover, efficient residential appliances and lighting are a key to the further development of renewable energy sources, which by their nature can only supply a limited amount of energy. However market, policy, trade and information barriers impede the further penetration of energy efficient residential appliances and lighting, resulting in a missed opportunity for climate change mitigation and socio-economic development.

The international community of stakeholders dealing with residential appliances and lighting (including manufacturers, retailers, consumers, governments, international organisations and agencies, academia and experts) have already gathered twice at the International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL) (Florence 1997 and Naples 2000) to discuss the progress achieved in technologies and policies, and the strategies to be implemented to further this progress. The previous EEDAL conferences have been very successful in attracting an international audience, representing a wide variety of stakeholders involved in policy implementation and development, and manufacturing and promotion of energy efficient residential appliances and lighting. The EEDAL conference has established itself as an influential and recognised international event where participants can discuss the latest developments and build international partnerships among stakeholders.

Following the success of the first and second EEDAL conferences, the **European Commission** and **Softech**, in collaboration with the **United Nations**, the **International Energy Agency** and the **Collaborative Labeling and Appliance Standards Program (CLASP)**, is pleased to announce the 3rd International Conference on Energy Efficiency in Domestic Appliances and Lighting – **EEDAL'03** to be held in **September 2003**, in Turin, a major city in Northern Italy.

EEDAL'03 will provide a unique forum to discuss and debate the latest developments in energy and environmental impact of residential appliances and lighting, the policies and programmes adopted and planned, as well as the technical and commercial advances in the dissemination and penetration of energy efficient residential appliances and lighting.

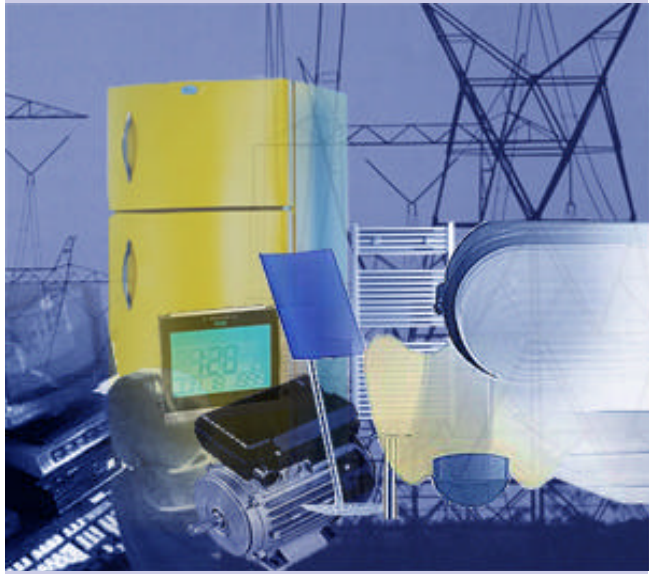
The three-day conference will include plenary sessions where key representatives of governments and international organisations, manufacturers and academia will present their views and programmes to advance energy efficiency in residential appliances and lighting. Parallel sessions on specific themes and topics will allow in-depth discussions among participants.

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

3rd International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL'03)

September 2003

Turin (Italy)



Organized by

EUROPEAN COMMISSION
JOINT RESEARCH CENTRE
Institute for the Environment and Sustainability

And **SOFTECH**

In collaboration with:
The International Energy Agency
The United Nations
The Collaborative Labeling and Appliance Standards Program (CLASP)

Call for Papers

To contribute to the success of the conference and to the development of new policies and strategies to increase energy and economic efficiency, to mitigate climate change and to foster sustainable development, we **invite you** to participate in the conference and the debates and **to submit papers** on the following topics. Papers shall address new developments and in particular in the sessions dedicated to technologies only papers focusing on new advanced solutions will be considered; in any case papers shall not have a commercial nature :

Topics related to specific Technologies:

1. **Residential Appliances/White goods** (Refrigeration, Washing, Cooking): components, R&D, technologies, test methods, usage patterns, programmes, market trends, consumer behaviour.
2. **Residential HVAC** (Central Heating Boilers, Heat Pumps, Room Air-conditioners), Water Heaters (gas, electric and solar), and Water Circulation Pumps: R&D, technologies, test methods, consumer behaviour, programmes, market trends.
3. **Consumer Electronics** (Televisions, Set Top Boxes, VCRs, DVDs, Audio, Digital TV Services, Power Supplies, telephony), **Office Equipment**, and **Low Power Modes**: R&D, technologies, test methods, consumer behaviour, programmes, market trends, stand-by losses and low power mode.
4. **Residential Lighting** (Luminaires and Lamps): R&D, technologies, test methods, consumer behaviour, programmes, market trends, lighting usage, distribution and perception in the residential sector.
5. **Motor Technologies** for appliances (motors for air-conditioners, washing machines, refrigerators, circulation pumps, etc.) and Motor Control Technologies (VSDs, power electronics): R&D, technologies, test methods, programmes, market trends.
6. **Home Automation and Domotics**: Domestic networks (security, automation, etc.) and their impact on energy consumption, Internet connected appliances, intelligent meters, technologies for real time pricing.
7. **On-site (residential) Power Generation**: micro-generation, integration of renewable energy sources, electricity grid issues for the residential sector.

Topics related to Polices and Programmes:

1. **Climate Change**: impact of appliances, lighting and residential programmes, potential of the CDM as a new funding mechanism.
2. **Policy Delivery**: focusing on specific policy measures and programmes, and their effectiveness and relevance in different circumstances, compliance and enforcement.
3. **Standards and Labels** (mandatory, voluntary, endorsing label and quality marks): design of and evaluation if programmes, impact of programmes, engineering and statistical analysis, compliance and enforcement.
4. **Measurement Methods and International Harmonisation**: role of international standardisation bodies, harmonisation of test methods as a mean of removing trade barriers, convergence of test methods, new generation of test methods for intelligent appliances.
5. **Public and Technology Procurement**: policy design and evaluation, implementation, results.
6. **Market Transformation Programmes**: programme design and implementation, promotion campaigns, advertising campaigns, other tools to promote the market transformation.
7. **End-use Metering Campaigns**: programme design, methodologies, campaign results.
8. **Demand Response, DSM and Energy Services**: electricity tariff and real time pricing for the residential sector, programme design, programme evaluation, examples.
9. **Dynamic of Consumption** in the Residential Sector: looking ahead at how demand for new products and services is developing; exploring the scope for bringing forward new technology or for technology transfer which will be necessary to keep the lid on consumption or which offers break through to more efficient solution.
10. **Focus on Developing Countries**: different approaches employed, policy framework, institutional aspects, capacity building needs, establishment of testing labs, international partnerships.
11. **Strategies for Increasing Efficiency**: new policy tools, consensus building, voluntary vs. mandatory approaches, policy analysis, new programmes and barrier analysis, strategy development, priority setting, monitoring and review.

Instructions for Authors

Authors interested in submitting papers for the parallel sessions are requested to send a one-page abstract not exceeding 300 words in length. The abstract must be in English, typed, and shall contain the following information:

1. Main author name and affiliation, authors for correspondence with full postal address, tel. and fax numbers, and e-mail, and co-authors names and affiliation.
2. The relevant topic
3. Up to five keywords

Abstracts are due by January 31 2003

Abstracts can be e-mailed to:
jrc-eedal03@cec.eu.int

or faxed to:
+39 0332 78 9992

or mailed to:
European Commission DG JRC
EEDAL Conference Secretariat
TP 450
I-21020 Ispra (VA)
Italy.

Conference Information

For further information please send a fax to:
+39 0332 78 9992 or call +39 0332 78 9299
E-mail: jrc-eedal03@cec.eu.int
Or visit the conference website:
http://energyefficiency.jrc.cec.eu.int/events

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