

Explanatory screening meeting  
Chapter 15 energy

## Intelligent Energy Europe programme

**Mrs Daniela MORMILE**  
**European Commission**  
**DG TREN**

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# TURNING POLICY INTO ACTION

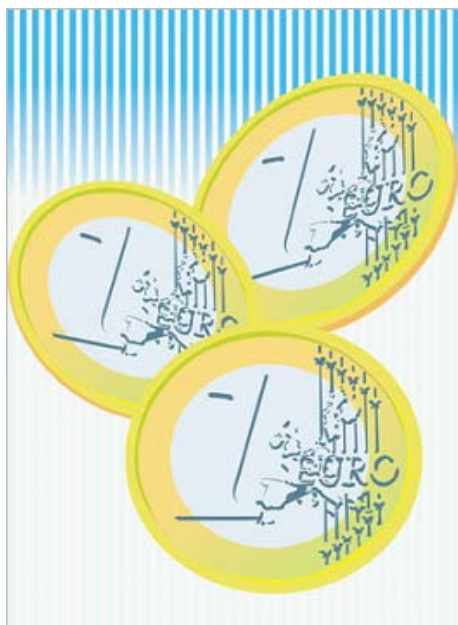


**“Intelligent Energy Europe” is the Community support programme to increase renewable energy sources and energy efficiency by overcoming the non-technological barriers (legal, financial, institutional, cultural, social barriers)**

# HOW DOES THE IEE PROGRAMME WORK?



- The current IEE programme runs from 2003-06 with a budget of 250 mio€
- It co-finances activities, which match the programme objectives and help implement EU energy policy
- Applications are submitted following annual Calls for Proposals
- Successful proposers conclude grant agreements with the IEEA
- The usual co-financing rate is 50%
- “Hardware” type investments and RTD are not supported under this programme!



# CALLS FOR PROPOSALS

- Dec. 2003: 1st Call (most projects started early 2005)
- Dec. 2004: 2nd Call (most projects started early 2006)
- 7 Oct. 2005: 3rd Call (evaluation just closed)
- May 2006: publication of the 4th and last Call

## ■ Art. 10 of IEE Decision:

- « This programme shall be open to the participation of the candidate countries, in accordance with the conditions laid down in the Europe association agreements, in the additional protocols relating thereto and in the decisions of the respective Association Councils, on the basis of the relevant bilateral agreements ».

# HOW TO PARTICIPATE?

- MEMORANDUM OF UNDERSTANDING BETWEEN THE COUNTRY AND THE EU (Croatia has MOU as of 01.01.2006)
- FINANCIAL CONTRIBUTION BY THE COUNTRY TO THE PROGRAMME BUDGET
- FC= Contribution as % of annual EIE budget of EU-25, based on equal weights for the three variables GDP, POP and GIEC;

# THE FUTURE

- The Commission has proposed an ambitious Intelligent Energy - Europe II programme, which will form part of the new 'Competitiveness and Innovation' Programme 2007-13



Entrepreneurship and  
Innovation  
programme

**IEE II**

ICT Policy Support  
Programme

**'Competitiveness and Innovation' Programme 2007-13**

- A decision on the details and final budget of this programme will be made later this year



# BUDGET & FIELDS (2003-2006)

## 4 thematic areas

**SAVE**

**ALTENER**

**STEER**

**COOPENER**



**Energy demand  
management in  
buildings,  
equipment and  
industry**

**New and  
renewable  
energies and  
diversification  
of energy  
production**

**Energy aspects  
of transport**

**International  
promotion of  
renewable  
energy sources  
and energy  
efficiency**

**89 mio€**

**102 mio€**

**41 mio€**

**18 mio€**

**Total budget = 250 mio€**



# 17 PROGRAMME KEY ACTIONS (i.e. priorities)

## VERTICAL KEY ACTIONS

### SAVE

- (1) Multiplying success in buildings
- (2) Retrofitting social housing
- (3) Innovative approaches in industry
- (4) Energy efficient equipment and products

### ALTENER

- (5) Electricity from renewables
- (6) Heat and cooling from renewables
- (7) Small-scale RES applications

(8) Alternative vehicle propulsion

### STEER

- (9) Policy measures for efficient energy use in transport
- (10) Strengthening the knowledge of local energy management agencies in the transport field

### COOPENER

- (11) Energy policies, legislation and market conditions for alleviating poverty in developing countries
- (12) Strengthening local energy expertise in developing countries

## HORIZONTAL KEY ACTIONS

- (1) Sustainable Energy Communities
- (2) Think globally, act locally
- (3) Financing mechanisms and incentives
- (4) Monitoring and evaluation
- (5) Promotion and dissemination

# 3 TYPES OF SUPPORTED ACTIONS

## 1. « General Actions »:

- ▶ Most of our budget
- ▶ Max. 3 year projects
- ▶ With 3+ countries involved / project (typically 8-9)
- ▶ ~1 mio€ total cost (with 50% support from EC)

## 2. Creation of local and regional energy agencies

## 3. Conferences

# Vertical Key Actions

- VKA2 - Retrofitting of social housing (SAVE)
- VKA5 – RES electricity (ALTENER)
- VKA9 – Policy measures for an efficient use of energy in transport (STEER)

# Vertical Key Action 2

## Objective

To accelerate activities for the retrofitting of social housing, so contributing to better energy efficiency in social housing.

In each country priority should be given to the most relevant types of buildings and ownership in order to best exploit the multiplication potential.

## Target areas

- Awareness raising, education and training
- Tailored financing schemes
- Advanced integrated retrofitting solutions
- Legal and institutional changes

## Priorities (1)

- Proposals aiming at improving the energy behaviour of tenants, to raise awareness to local authorities, financing institutions, social housing institutions
- Financing schemes tailored to social housing stakeholders with a focus on the retrofitting of existing buildings.
- Proposals for the development in the social housing sector of integrated solutions (RUE, RES and TR considerations) and least-cost methods for EE refurbishment of social housing



## Priorities (2)

- Proposals aiming at removing barriers in the existing legal and/or institutional settings (e.g. change in procurement procedures).
- Exchange of good practice on organisational skills and stakeholders involvement in order to improve performance in SH sector

# Vertical Key Action 5

## Objective

To provide support for the successful implementation of the Renewables Directive for the promotion of electricity produced from renewable energy sources (RES) in the internal market

## Target areas

- National indicative targets
- Support schemes
- Grid system issues
- Green electricity
- Distributed electricity generation

# Vertical Key Action 5

## Priorities (1)

- Proposals to respond to the situation in the different Member States, and new approaches to the use and interpretation of data to increase the future share of renewable electricity in EU electricity consumption.
- Proposals to add value to the existing support schemes across the EU by exchange of experiences

## Priorities (2)

- Proposals to address the potential impacts on EU renewable electricity markets of the changes taking place in transmission networks across the EU
- Proposals for promoting renewable electricity consumption including via information campaigns and marketing of green electricity, supporting new actors to participate in such markets.
- Proposals to address policy, legislative and/or standardisation issues related to distributed generation from RES (including CHP based on biomass),

# Vertical Key Action 9

## Objective

To promote a reduction in the energy intensity of transport, leading to an overall reduction in CO2 emissions from transport.



## Target areas

- Reducing demand for transport
- Enhancing energy efficiency in each transport mode
- Transfer of traffic to less energy-intensive modes
- Economic instruments and incentives
- Information, awareness and education

## Priorities (1)

- Proposals contributing to increased energy efficiency in the transport sector
  - ▶ development of integrated strategies for clean urban transport and for urban freight distribution,
  - ▶ promoting the attractiveness of clean and energy-efficient public transport
  - ▶ Better tyre-pressure control, more energy-efficient travel
  - ▶ Changing the role of the private car in urban centres

## Priorities (2)

- Proposals to raise awareness on mobility management issues
  - ▶ Innovative awareness campaigns for travellers;
  - ▶ Provision of coordination, management and information mechanisms to fleet operators, retailers and other actors in the freight sector;
  - ▶ Travel plans for organisations, schools, authorities, and residential areas;

## Priorities (3)

- ▶ Education of children and students on the implications of transport behaviour;
- ▶ Voluntary agreements, mobility covenants (between different stakeholders, e.g. residential communities & public transport providers);
- Proposals on transfer of knowledge and experience from advanced cities toward places where energy use in transport has not yet been sufficiently addressed.

# AUDITAC

[http://www.energyagency.at/\(en\)/projekte/auditac.h](http://www.energyagency.at/(en)/projekte/auditac.h)



- 9 expert organisations from 7 different countries + the main European industry association
- Objective: save energy through modernising air-conditioning systems in buildings; enable owners + operators to identify opportunities and to take action

## Expected results:

- Overview of inspection schemes in Europe
- Best practice examples
- Computer tool to compare existing systems with potential replacements
- Training package for inspection, audit and renovation



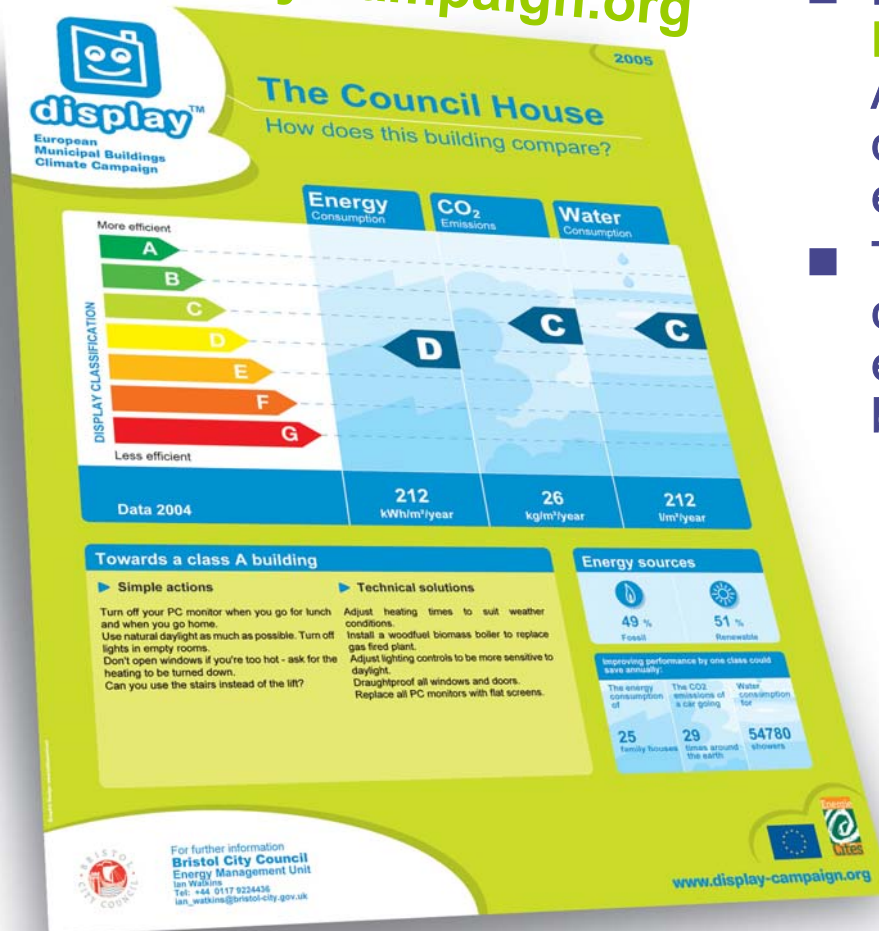
Intelligent Energy



Europe

# DISPLAY

[www.display-campaign.org](http://www.display-campaign.org)



- **European Display™ Campaign:** A voluntary scheme designed by energy experts
- The **Display™ tool** calculates on-line how much energy, water and CO<sub>2</sub> your building consumes



- Any European municipality can take part
- Already **124 European cities** have Display™ energy performance labels on their buildings



# E-CHECK IN CRAFT SME

- 26 months, 9 partners
- Develops a standardised, easy-to-use energy audit scheme for SMEs
- 5 crafts
- 5 countries
- 5 languages



## Expected results:

- E-Check (instrument and training concept)
- 100 trained craftsmen
- 300 E-Checks in SMEs
- 300 sets of recommended measures
- Financing and marketing concept



# Horizontal Key Actions

- HKA1 - Sustainable Energy Communities
- HKA2 - Think globally, act locally

# Horizontal Key Action 1

## Objective

The INTEGRATION  
of actions addressing  
Renewable Energy  
Systems and  
Rational Use of  
Energy in SEVERAL  
SECTORS



## Definition

Local communities in which

- politicians,
- planners,
- project developers,
- market actors,
- CITIZENS

co-operate to demonstrate high degrees of sustainable energy supply and end-use



## Target areas

- Promoting energy citizenship and mobilising local energy actors
- Local community planning for efficient use of RES, demand side management and intelligent transport
- Establish favourable conditions for local energy markets and -services

## Priorities (1)

- Development of SEC with commitments of economic support from the local authorities;
- Development of SEC with involving local groupings of citizens;
- Proposals addressing the energy behaviour of citizens;



## Priorities (2)

- Proposals aiming to build bottom-up, intelligent-energy strategies;
- Proposals including joint actions between different communities;
- ‘SMART’ proposals aiming to obtain concrete, quantified results in energy and socio-economic terms.

## Objective

■ To demonstrate the need for **LOCAL ACTIONS** as a major element in achieving the overall intelligent energy objectives.



## Target areas

- Creation of new energy management agencies
- Improved performance of the existing local and regional energy agencies
- Local contribution to the intelligent energy objectives (Managenergy)

# HKA2: Establishment of energy agencies

- Energy agencies are the best means to enable local authorities to implement energy efficiency policies.
- Independent and autonomous organisation with a public mandate
- A newly set up entity and not the extension of an existing body
- Aimed at promoting EE / RES through local action
- Proposed by a Local Authority: long-term commitment by them !!
- Contract duration 36 months
- Priority to creating agencies in new member states and candidate countries

# HKA 2: Energy agencies



- About 400 LEAs
- Around 300 created with EU support
- Best knowledge about local needs and conditions
- Influence on local energy policy & decision-making
- Better opportunities to implement change on a local level



# The ManagEnergy Website: [www.managenergy.net](http://www.managenergy.net)

The screenshot shows the ManagEnergy website with a blue header and a purple sidebar. The header includes the European Commission logo and the text 'EUROPEAN COMMISSION Directorate-General for Energy and Transport' and 'managEnergy'. A navigation bar contains links like 'Home Page', 'Register', 'Feedback', 'Contacts', 'Help', 'About', and 'Language'. The main content area has a 'Welcome' section with a paragraph about the initiative and a 'Related websites' section with links to EIE, FP6, Sustainable Energy Europe, and ELTIS. The right sidebar contains sections for 'Latest News', 'Forthcoming Events', and 'Video Recordings'.

EUROPEAN COMMISSION  
Directorate-General for Energy and Transport  
managEnergy

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Links & Links

## Welcome

ManagEnergy is an initiative of the European Commission Directorate-General for Energy and Transport, which aims to support the work of actors working on energy efficiency and renewable energies at the local and regional level. The main tools are training workshops and online events. Additionally information is provided on case studies, good practice, European legislation and programmes.

This website includes a partner search system with some 2200 organisations, including 380 energy agencies, which can provide valuable expertise and partnerships on energy activities at local and regional levels. You are most welcome to register for the ManagEnergy Initiative including the monthly newsletter.

ManagEnergy also offers free internet broadcast facilities including some 500 individual video presentations, speeches and interviews on topical energy matters.

European Commission ManagEnergy Initiative

### Related websites:

- Intelligent Energy - Europe (EIE)
- Sixth Framework Programme (FP6)
- Sustainable Energy Europe Campaign 2005-2008
- ELTIS - European Local Transport Information Service

Last Modified 06-Sep-2005 --> - The information on this site is subject to a Disclaimer and Copyright Notice

### Latest News

- 40 Most Popular Pages
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### Forthcoming Events

- Intelligent Energy - Europe Information Day  
7 October 2005
- CPMR - Conference of Peripheral and Maritime Regions: Energy Working Group  
20 September 2005
- FP6 Information Day  
21 September 2005
- Promoting a Sustainable Energy Culture in Europe  
22-23 September 2005
- View More Events...

### Video Recordings

- Energy Education Workshop  
Download proceedings (1888 Kb)
- Green Paper on Energy Efficiency  
Press Conference: Andris Piebalgs
- Intelligent Energy - Europe and the new Executive Agency  
Interview: Patrick Lambert
- Sustainable City Development  
Video recordings
- FP6 Information Day  
Video recordings
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# Annual Conference and Info Day 2006

## Brussels, 30 May 2006

- Insight into the policy context, projects, results, lessons learned, and future perspectives
- advice on how to apply for IEE funding,
- Know-how and tips from successful project leaders
- Networking with some 400 colleagues from across Europe
- Register now on the IEE website



Thank you for your attention!

[http://europa.eu.int/comm/energy/intelligent/index\\_en.html](http://europa.eu.int/comm/energy/intelligent/index_en.html)