

Intelligent Energy Europe

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European Commission
Intelligent Energy Executive Agency

Forum Energy Smart Schools

- The IEEA
- EU energy policy background
- The Inteligente Energy Europe (IEE) Programme
- “Energy Education” projects in IEE
- Managenergy and the Kids Corner
 - ▶ Managenergy Drawing and Photo competition
- Sustainable Energy Europe Campaign



The IE EA....

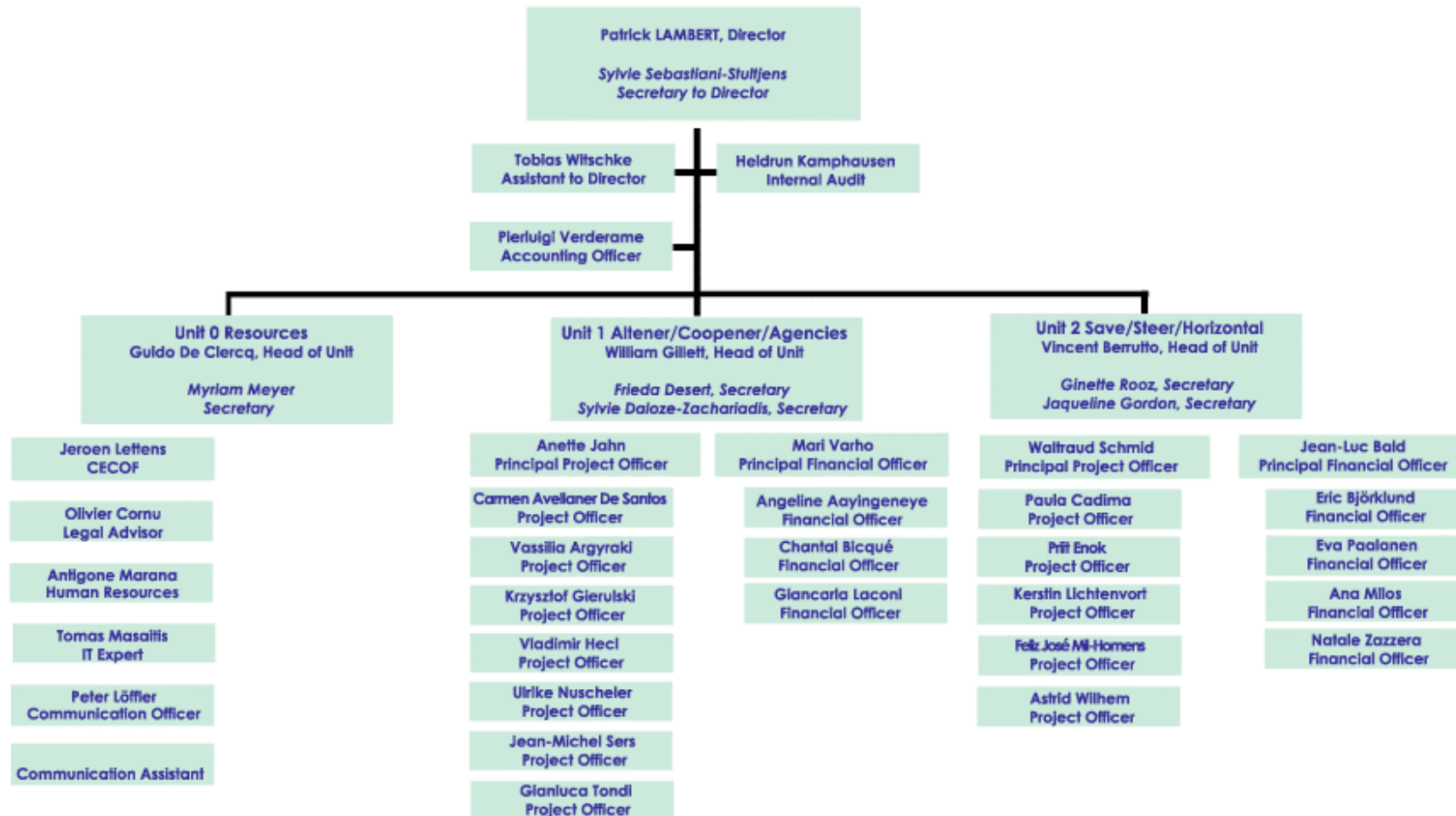
- ...implements the IEE Programme
- ...manages the projects and events organised under IEE
- ...disseminates the know-how and best practices produces
- ...fosters exchange and co-ordination between all players involved, and with other Community and national activities
- ...feeds back project results to DG TREN policy makers and helps improve the programme



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IEEA - our structure and staff



- 50% of EU energy needs come for imported products;
- Energy prices on the high side;
- Current EU energy supply and demand patterns should be improved in line with the Kyoto Protocol.



Key EC energy priorities



M. Piebalgs, Commissioner for Energy

- ▣ Increasing energy efficiency;
- ▣ Achieving a properly functioning internal market for gas and electricity for the benefit of all our citizens;
- ◀ Promoting renewable energy;
- ▶ Strengthening nuclear safety and security;
- ◀ Security of Europe's energy supplies and further developing external energy policy relations;
- ▼ Improving the links between energy policies and environmental and research policies.

- 6th Framework Programme for Research, Development and Demonstration (2002–2006)
- Intelligent Energy Europe Programme (2003–2006)





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What is “Intelligent Energy Europe”?

Towards **intelligent energy use**
and **more renewables**

Intelligent Energy - Europe is an EU programme for the **promotion of energy efficiency and renewable energy sources**. It helps all of us to produce and use energy in more intelligent ways and to increase the use of renewables.



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4 Main fields

Energy efficiency and rational use of energy, in particular in buildings and industry (**SAVE**)



Promotion of new and renewable energy sources for electricity, heat, and biofuels (**ALTENER**)



Energy aspects of transport, fuel diversification, biofuels and energy efficiency (**STEER**)



Promotion of renewable energy sources and energy efficiency in developing countries (**COOPENER**)





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How does the IEE Programme work?

- 85% of the IEE programme budget are used to co-finance activities, which support the programme objectives and hence EU energy policy
- Grants are awarded following Calls for Proposals
 - ▶ Dec. 2003: 1st Call (projects started early 2005)
 - ▶ Dec. 2004: 2nd Call (projects started early 2006)
 - ▶ Oct. 2005: 3rd Call (evaluation in March–April 06)
 - ▶ 2006: 4th and last Call (except COOPENER)

...and a particular strand on education activities in “Think globally - act locally (HKA 2)” (1)

FEEDU – Persuasive force of children with regard to the energy consumption through education

[BE, FR, DE, GR, IT, PO, SW, SL, UK]

■ **Objectives:** energy awareness of children in the primary school (two last years)

■ **Activities:**

- ▶ Development of educational tools (games, information material, etc.).
- ▶ Training of project staff, teachers and animators.
- ▶ Implementation in schools.
- ▶ Communication and dissemination.

■ **Some direct outcomes:**

- ▶ Targeting 130 schools in 13 EU regions.
- ▶ Preparation of educational tools in 8 different languages.
- ▶ Involvement of 380 teachers and 7500 children.



Active Learning – Integration of Active Learning and Energy Monitoring with School Curriculum

[NO, GR, FR, BE, IT, UK, FI, SW, LI, HU, SL, PO, BU, CZ]

- **Objectives:** reduce energy use in school buildings and homes by teaching children RUE & RES through hands-on and experimental activities.
- **Activities:**
 - ▶ Development of teaching material for active learning.
 - ▶ Training of teachers and other personnel.
 - ▶ Implementation of energy monitoring in 140 schools.
- **Some direct outcomes:**
 - ▶ Targeting 140 primary schools in 12 EU countries, Norway and Bulgaria.
 - ▶ Preparation of educational tools in 13 different languages.
 - ▶ 5% energy savings in schools; introduction of RUE in school curricula.



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...and a particular strand on education activities in “Think globally - act locally (HKA 2)” (3)

KITH –Kyoto in the home

[UK, CZ, FR, ES, IT, RO, PL, HU]

- **Objectives:** awareness raising of pupils, teachers and families concerning RES and RUE applications for homes.
- **Activities:**
 - ▶ Development of resource materials for teachers and pupils.
 - ▶ Developing interactive resources for the home environment.
 - ▶ Implementation in schools.
 - ▶ Informing and educating families.
 - ▶ Communication and dissemination.
- **Some direct outcomes:**
 - ▶ Targeting 160 schools in 8 EU countries.
 - ▶ Preparation of educational tools in 8 different languages.
 - ▶ Involvement of 20 teachers and 160 families and children (7 to 18 years hold).



ManagEnergy

Information portal for local and regional actors working towards energy efficiency and renewables

www.managenergy.net



Sustainable Energy Europe Campaign (2005-2008)

A European Campaign to raise awareness and change the landscape of energy

www.sustenergy.org



http://europa.eu.int/comm/energy/intelligent/index_en.html

Information sources and networking opportunities



Intelligent Energy News

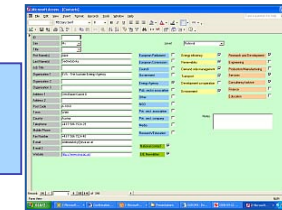


European and National Info Days, contractors' workshops



IEE posters and brochures

IEEA Contact database: news mailings



IEE website



Enhanced online project information

http://europa.eu.int/comm/energy/intelligent/index_en.html



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Managenergy portal

European Commission Directorate-General for Energy and Transport ManagEnergy Initiative - Microsoft Internet Explorer provide

File Edit View Favorites Tools Help



Address http://www.managenergy.net/



EUROPEAN COMMISSION

Directorate-General for Energy and Transport

managenergy >

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- Case Studies
- Training & Events
- KidsCorner
- Thematic Pages
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- Legislation
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- Internet Broadcasts
- News & Press
- Tools & Links

Üdvözlök

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 [2500 organisations](#), including [350 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.

[en](#) [European Commission ManagEnergy Initiative](#)

Related websites:

TEC Intelligent Energy - Europe (IEE)

- Lat
- Ma
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www.managenergy.net/kidscorner

- Websites for under 11s and over 11s
- Content: Background information, animations, downloads, photographs, videos, postcards and links to other sites
- Educational Resource database for teachers
- ME games to be added later
- KidsCorner will soon be available in all EU-languages

Changing the European Energy Landscape First Online ManagEnergy Drawing and Photo Competition 2006



- The competition is fully electronically and includes a:
 - ▶ drawing competition for children under 11
 - ▶ photo competition for children aged between 12–16
- Participating pictures and drawings shall address environmentally friendly ways to use energy
- Prizes: Digital camera, solar kits, T-shirts, etc
- Competition deadline: **30 June 2006**

<http://www.managenergy.net/competition.html>

Sustainable Energy Europe

2005-2008

A European campaign to raise awareness
and change the landscape of energy



Campaign Objectives

- Raise awareness of decision-makers, industry, commerce, non governmental and educational stakeholders at local, regional, national and European level
- Spread best-practice
- Ensure a strong level of public awareness, understanding and support
- Stimulate the necessary trends towards an increase in private investments in sustainable energy technologies





Sustainable Energy Campaigning areas

- Communities (cities, regions, rural area's, & islands)
- Transport
- Buildings
- Lighting Systems and Appliances
- Co-operation with Developing Countries
- Promotion and Communication





Who can become Partner?

- Every **institution, company or organization** (or group of them) implementing a sustainable energy programme based on a **voluntary commitment**
- **Eligibility criteria:**
 - Satisfy the campaign objectives
 - ongoing and financing ensured
 - Propose a specific programme with actions, objectives & (expected) results





What is the Campaign Partnership?

- A scheme involving **voluntary commitment** programmes from sustainable energy stakeholders
- A **network** offering **visibility and promotion**
- A **good practice resource guide** constantly fed by new partners from various sectors and countries
- Current partners:
 - **39 approved => check on our Campaign website!**
 - **more than 150 received in total**





Benefits for Partners

- Receipt of a **promotional toolbox** and an official Campaign Acknowledgement
- Exclusive inclusion in the **Annual Catalogue**
- A bi-annual **Newsletter** showcasing project results
- Regular European-level **networking and promotional opportunities** via
 - **Annual Conference**
 - **Annual Competition**
 - **Media Actions**





Energy Days

Reach the citizen in their daily lives !

- **What is an Energy day?**
 - event promoting intelligent energy behaviour at grassroots level (local regional, national)
- **What kind of activities are organised?**
 - Education activities
 - Guided visits
 - Open door days
 - Fairs
 - Exhibition shows, opening ceremonies, inaugurations
 - Etc...





Energy Days

How to get support?

- **Contact the Energy Days Desk**
 - advice and support on what kind of activities to organise
 - Helps you to get in touch with the right people

- **Communication tools**
 - Official recognition of your initiative once programme approved: receipt of the campaign logo
 - Receipt of promotional material to support your event





Join us!

You are part of this communication effort, and there are various ways to participate in this Campaign.

For further information on all aspects of the Sustainable Energy Europe 2005-2008 Campaign and an online application form for Partners, visit our website:

www.sustenergy.org



Thank you very much

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