

Promoting Intelligent Energy Education at schools

Overview of relevant projects
from the Intelligent Energy Europe programme

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What do we do?

Management on behalf of the European Commission the following EU Programmes



3 Funding Schemes

1 Network



Intelligent Energy  Europe

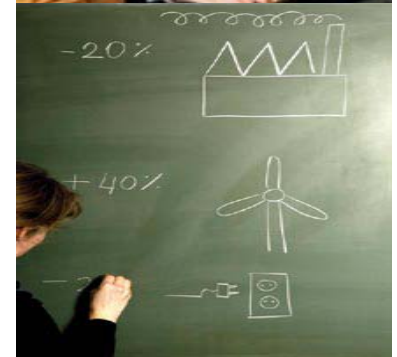
INTELLIGENT ENERGY - EUROPE



- EU support programme promoting increased **energy efficiency** and the use of **renewable energy sources** by overcoming the non-technological barriers
- The current IEE programme runs from 2007 to 2013 with a budget of **730 mio€**
- Annual Calls for Proposals

What do we like to achieve?

- **Contribute to the development of intelligent energy education in primary, secondary and higher education**
- **Make young generations adopt intelligent energy behaviour**
- **Sharing and disseminating good practices across countries in the European Union**



Intelligent Energy Education – Overview

- 20 projects in primary, secondary and higher education implemented by over 200 organisations from 26 Member States directly involving over 2,000 schools

- teaching material for all age groups
- train the teacher programmes
- e-learning courses and computer games
- experimental tool kits
- greater access to energy education material
- animated cartoons



YES



- Series of fun and exciting animation cartoons to raise awareness on energy efficiency, renewable energy and sustainable transport amongst children aged 5 - 8 years



- Complementary teaching packs and resources for use in schools

- Broadcasted in BE, IE, CZ, HU, SK, RO, HR and many more.

www.animate-eu.com

www.myfriendboo.com



Intelligent Energy  Europe

KIDS4FUTURE



- ‘Rainmakers’ story book in three parts for primary school pupils in 10 languages
- 40,000 children read the ‘Rainmakers’
- 600 schools and 1,300 teachers involved
- educational material and games to complement books



www.kids4future.eu

www.rainmakers-eu.eu

ENERCITIES

On-line
challenging
and exciting
game to
learn energy
management
and change.

- The goal is to create and expand virtual cities coping with pollution and energy shortage.
- Competitions will be organised between students.
- Schools will benefit having a learning tool.
- 26,000 youngsters will kick off the game-based platform in six regional events.

www.energycities.com



EURONET 50/50



- Roll-out of the “fifty/fifty” concept invented and tested in Germany to 9 European countries
- Educational materials to apply the 50/50 concept at any European educational centre
- Energy savings = cost savings
- 50% of cost savings are returned to school while the other 50% will be a net saving on the bills for the responsible school authority

**Transferring
the 50/50
methodology
from
Germany to
other EU
countries**

<http://www.euronet50-50.eu>



ManagEnergy's Education Corner

- A free online database for parents, teachers and local energy actors
- Supporting information and links to energy education websites providing energy management tools, case studies, lesson plans, activities, games, animations, videos, award schemes and more.
- "Energy Magic" - web pages for children aged 7-11 including information, photos, animations, games, web links and downloads in many languages
- "Energy - It's Your Future!" - web pages for children aged 12-16 including information, photos, web links, video links, games, animations, facts and figures in many languages

<http://learn-energy.net/education> (23 languages)

managenergy ▶

Education links on the ManagEnergy website



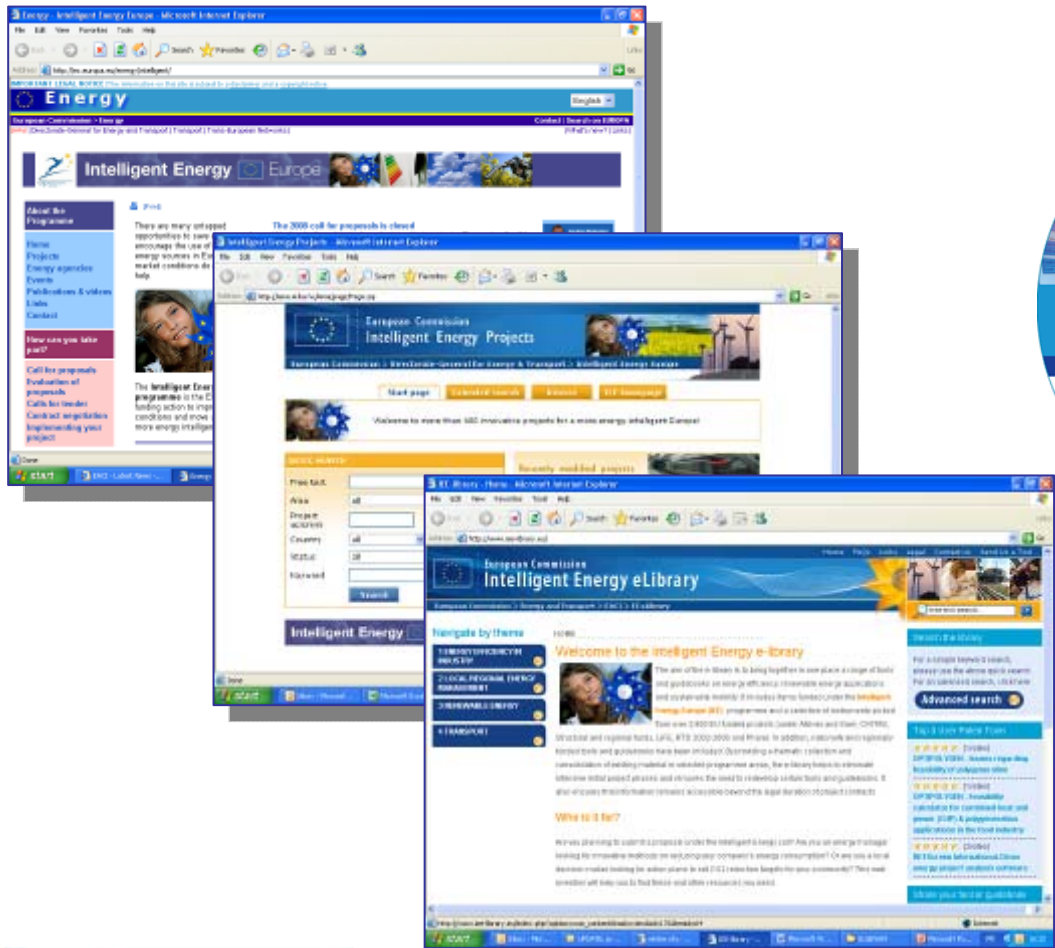
Energy Magic
for children aged 7-11



Energy - it's
your future
for 12-16s

Need more details?

<http://ec.europa.eu/energy/intelligent/>



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