

Full Application Form for SCHOOLS Award
 – return by 20th May 2010

Full Application Form
(for SCHOOLS Award)



Some sections of the form MUST be filled in – these are marked with shading. Other sections are optional – they may not be relevant to you, though completing them may earn higher points.

Section	Content
1	Information about the school
2	Activities and actions to achieve sustainable and efficient energy use
3	Consumption & achievements
4	Future plans
5	Declaration

NOTE: It is very important that the claims you make are supported with evidence wherever possible, and this will be a major consideration for the evaluators. You are welcome to add extra information in Annexes, such as photographs, energy bills and any other useful documents. However, these Annexes must be clearly indexed and relevant.

In using Section Three, you must record your energy consumption in the years 2009 and 2010 (data available just before the submission of the proposal) and supply the related documents (i.e. energy bills; photos of the energy meter at the beginning and end of the award period; etc.). “Before and after” data and documentation are welcomed.

Section 1.
Information about the school (COMPULSORY)

Year school buildings were built	
Floor area of the school (m ²)	
Heating source (Combustible/Fuel)	Natural Gas <input type="checkbox"/> Yes <input type="checkbox"/> No Wood <input type="checkbox"/> Yes <input type="checkbox"/> No Biomass (specify): <input type="checkbox"/> Yes <input type="checkbox"/> No Electricity <input type="checkbox"/> Yes <input type="checkbox"/> No Diesel <input type="checkbox"/> Yes <input type="checkbox"/> No LPG <input type="checkbox"/> Yes <input type="checkbox"/> No Coal <input type="checkbox"/> Yes <input type="checkbox"/> No other (specify):
Geographic location	Latitude °N Altitude m
Is there a cogeneration system? (heat & electricity)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are solar photovoltaic panels installed?	<input type="checkbox"/> Yes <input type="checkbox"/> No Power (kW): Year of installation:
Are solar thermal panels installed?	<input type="checkbox"/> Yes <input type="checkbox"/> No m ² : Year of installation:
Other renewable energy systems (explain)	

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Section 2.

Activities and actions of your school to achieve sustainable and efficient energy use.

This section is about the activities and actions currently carried out or ongoing in your school (do not describe future plans here; these are addressed in Section 4).

Please list and explain all the energy related activities that your school has undertaken during the Award period i.e. from September 2009 – 1st May 2010.

All activities which increase the sustainability of energy use, create cost savings through energy use reduction or generate energy from renewable sources can be considered.

Duration: Please specify the duration of each action or activity by specifying the start and final dates. Only eligible actions and energy performance improvements incurred *during the Award period i.e. from September 2009 – 1st May 2010* will be recognised for evaluation.

a) Behavioural actions (this section 2a is COMPULSORY)

These could include, for example: switching off appliances and lights at the end of lessons, closing doors and windows when heating and air conditioning is on, or using public transport, etc. How do you monitor these activities?

Max. 2,000 characters

1.
2.
3.
4.

b) Technical and physical actions

These could include, for example: improved insulation, improved windows, use of renewable energy sources, efficient lighting, draught proofing, choosing electricity providers based on renewable energy sources, etc.

Give a brief description of the actions and/or technologies, including manufacturers and ratings (where relevant).

Max. 2,000 characters

1.
2.
3.
4.

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c) Curriculum development and educational activities

Please mention activities that support the achievement of the measures given above and also other activities on sustainable energy (educational activities on energy, integration of energy into the curriculum, syllabus related project work, research, etc.)

Max. 1,500 characters

d) Participation and involvement

Describe who has been involved in the sustainable energy activities: pupils, teachers, non teaching staff, school management, school council, clubs, site manager, parents, the local community, government bodies, NGOs etc.
Make clear the roles of different people, and who takes the lead for different activities.
If applicable, split into internal school activities (e.g. posters, exhibition, debates) and external school activities (e.g. with parents, local community, local government bodies, NGOs et alia).

Max. 1,500 characters

e) Other information

Any other relevant information that does not match up with the previous boxes.

Max. 1,000 characters

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Section 3. (parts a and b are COMPULSORY)

Consumption and Achievements

This section is about the energy consumption of your school and the results and benefits which have been achieved from the energy saving activities. Please attach copies of evidence whenever possible, such as photos, bills, energy certificates, etc.

a) Consumption

Give any information about the energy consumption of your school, now and in previous years. Fill in the form provided and give separate figures for electricity, gas and any other fuel consumption. Please attach copies of bills and any other relevant documents for the years 2009 and 2010 (up to May 2010) (for 2010, please report available data, e.g. if you do not have bills, a photo of the energy meter just before the closing award period can be submitted). Fill in data for the relevant energy source or fuel, using the relevant units of energy

Basic energy consumption data

	units	2009	2010 (until 1 st May)
Number of persons			
Floor area of the school (m ²)	m ²		

Energy supply

Electricity	kWh		
Natural gas (m ³ or kWh)			
LPG (m ³ or kWh or kg)			
Diesel (litre or kg)			
Wood or other biomass	kg		
Coal	kg		

b) Energy saved through efficiency measures (make an estimate)

Please give an estimation of how much electricity and/or fuel you have saved by starting up / performing/ due to the measures listed above (in Section 2)

It may be filled in either:

- by an overall estimation of the whole set of measures (e.g. from 15th December 2009, to 1st May, 2010 – Savings = XXX kWh and XXX litres)
- or by detailing for each measure above listed the savings estimated (e.g. Technical measure 1. “Substitution of windows” = Savings: 40 litres of fuel oil)

Actions and activities (as in section 2a and 2b)	Estimated energy savings (during the award period)	
	Electricity (kWh)	Fuels (m ³ , litre, kg)
Number:		

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For Transport, make an estimate of reductions in fuel consumption, as measured by distance estimates (e.g. if 50 students switch from car to public transport to reach the school, calculate the average distance from home to school, the rate of consumption per vehicle, and estimate the fuel saved)

Transport savings		
Actions and activities (as in section 2a and 2b)	Distance (km avoided)	Fuel Savings (litres) (during the award period)

c) Energy generated from renewable sources (if applicable), in kWh or any other unit.

Type of technology	kWh	Period of saving (from – to)
Solar thermal (heating, water)		From to
Solar PV		From to
Wind		From to
Biomass		From to
Other (specify)		From to

d) Environmental benefits

For example, if trees have been planted, waste prevented or recycled, or CO₂ emissions eliminated (any CO₂ calculator available on the web can be used, e.g. www.carbonfootprint.com)

Max. 1,500 characters

e) Other Information

Max. 1,000 characters

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Section 4. Future Plans (parts a, b are COMPULSORY)

This section is about the future and should not describe current or past activities. We want to know about your future plans, programmes, actions and foreseen objectives, concerning energy use and management.

- a) Please describe the proposed future plans for energy savings activities in your school**
For example by talking about: future energy management and saving plans, policies, responsible persons, teams, etc.

Max. 1,500 characters

- b) What specific outcomes, results and benefits do you expect to achieve?**

Max. 1,500 characters

- c) Other Information**

Any other relevant information that does not matchup with the previous boxes

Max. 1,000 characters

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Section 5. Declaration (COMPULSORY)

All applicants must read and sign the declaration below.

The information submitted in this application is true, to the best of my knowledge and I accept all the rules of the Award.

I consent to the holding, analysis and processing of the within data by the Clean Technology Centre for the purposes of participation in the IUSES European Energy Saving Award Competition and understand that the Clean Technology Centre may forward the within Data to other partners and to the European Commission. I further accept that the within Data may be published on the project web site and on other media or communication material.

SIGNATURE OF SCHOOL PRINCIPAL.....

DATE.....

Bord Gáis Supports the European Energy Saving Award and the Intelligent Use of Energy at School programme in Ireland



Bord Gáis is an Irish commercial state body operating in the energy sector employing about 900 staff and headquartered in Cork City, Ireland.

Bord Gáis is a leading dual-fuel energy provider, serving 630,000 natural gas users in Ireland and over 200,000 electricity customers, having successfully entered the residential electricity market in February 2009. The company is currently constructing a 445 MW gas-fired power station at Whitegate in Co Cork and is developing a portfolio of renewable and flexible power generation assets. The company's goals in renewable energy reflect and support the Government target of 30% energy produced from renewables by 2020.

Bord Gáis is proud to sponsor the IUSES '09/'10 Educational and Awards Initiative in Ireland. As a leader in promoting and encouraging energy efficiency at all levels, Bord Gáis is delighted to support an initiative which sows the seed of energy awareness in energy consumers and procurers of the future. This generation will dictate the direction of our energy use and its ultimate impact on sustainability and our environment. Bord Gáis places great emphasis on the educational forum as a means of encouraging and supporting students to understand energy, its use, the benefits of utilising energy efficiently and nurtures interest in researching and exploring other sources of energy. Bord Gáis, currently through an active research and development fund, supports an increase in the quantity and quality of research in alternative energies in Ireland's colleges and invests in campus/technology companies in prototyping and bringing technologies to market.

As a leading supplier of energy to the Irish marketplace and with great interest in educating students on the subject of energy, Bord Gáis looks forward to a dynamic and meaningful year of educational practices, experiments and awards submissions in the realm of IUSES.

EESA is part of the IUSES Project: www.iuses.eu



Intelligent Energy  Europe

Irish partner & contact point for IUSES:

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Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology



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