

**Full Application Form for Individual / Group of students Award
– return by 20th May 2010**

**Full Application Form
(for INDIVIDUAL STUDENTS or
GROUP OF STUDENTS)**



Please complete the application form below. Please only complete the sections and/or subsections that concern you. The shaded fields are compulsory, nevertheless if you fill in all the sections you may obtain higher scores.

Section	Content
1	Information about your home, building or any other subject involved
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.

Section 1. Information about your home, building or any other subject involved (PLEASE ANSWER ALL THE SHADED POINTS)

Year building was constructed	
Floor area of the house / apartment (m ²)	
Number of people living in the house / apartment	
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):
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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Information about any other place(s) involved, other than a building (only if the actions does not involve buildings) Max. 1,500 characters

Section 2. Activities and actions to achieve sustainable and efficient energy use. (Part a is compulsory)

This section is about the activities and measures carried out or ongoing (do not describe future plans here, these are addressed in Section 4)).

List and explain all the energy activities that have been undertaken. All activities which increase the sustainability of energy use, produce energy savings or even generate energy from renewable sources are eligible.

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 measures

For example, actions such as: switching off appliances and lights, closing doors and windows, or using public transport, etc. How do you monitor these activities?

Max. 2,000 characters

- 1.
- 2.
- 3.
- 4.

b) Technical and physical actions

For example, improved insulation, improved windows, renewable energy generation, changed lighting, draught proofing, choosing the electricity provider based on renewable energy sources, etc.

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

Max. 1,500 characters

- 1.
- 2.
- 3.
- 4.

**Full Application Form for Individual / Group of students Award
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c) Participation and involvement

Explain who has been involved in the sustainable energy activities. For example family, friends, neighbours, etc.

Make clear the roles of different people, and who takes the lead for different activities.

Max. 1,500 characters

Section 3. Consumption and Achievements (parts a and b are compulsory)

This section is about the energy consumption of the buildings, facilities etc. that were the subject of the interventions and the results and benefits which have been achieved from these energy activities. Please attach copies of evidence whenever possible, such as photos, bills, energy certificates, etc.

a) Consumption

Give any information about energy consumption reductions (electricity and / or fuels).

Fill in the form and give separate figures for electricity, gas and any other fuel consumption.

Please attach a bill and any other evidential document (e.g. photo of the energy meter at the begin and end of the award period etc.)

Max. 1,500 characters

b) Energy saved through efficiency measures (make your estimations)

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

It may be filled in alternatively:

- By an overall estimation of the whole range of measures (e.g. from 15th December 2009 to 1st May 2010 – Savings = XXX kWh and XXX litre)
- or by detailing for each measure listed above, estimate the savings (e.g. Technical measure 1. “Substitution of windows” = Savings: 40 litre of fuel oil, going to school by foot instead of car xxx km and yyy fuel saved etc.)

For Transport, make an estimate of reductions in fuel consumption, as measured by distance estimates, the rate of consumption per vehicle, and estimate the fuel saved)

**Full Application Form for Individual / Group of students Award
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Max. 1,500 characters

c) Energy generated from renewable sources (only if applicable)

Please give an estimate of how much energy has been produced by the renewable energy systems listed earlier.

Max. 1,500 characters

d) Environmental benefits

For example, if trees have been planted, waste recycled; and possibly calculate CO₂ emissions avoided (any CO₂ calculator available on the web can be used, e.g. www.carbonfootprint.com)

Max. 1,500 characters

a) Other Information that might be relevant

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

Max. 1,000 characters

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Section 4. Future Plans

This section concerns the future and should not describe current or past activities. We want to know about your future plans, programmes, actions and foreseen objectives with regard to energy. Please describe your future plans for energy sustainability.

Max. 1,500 characters

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 THE APPLICANT

DATE

.....

.....

SIGNATURE of the person with SCHOOL authority

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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