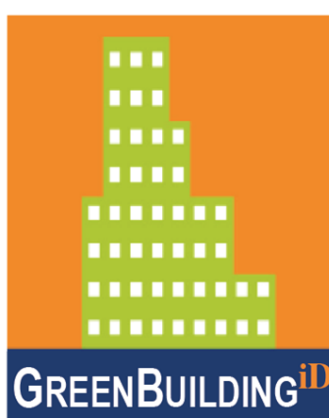


Call for Applications of the GreenBuilding Integrated Design Award

Collection of rules and instructions to apply for the GB ID Award



The Most Important In A Brief ...

INTEGRATED DESIGN (ID) is a design procedure that considers the building as a whole system with the aim of optimizing it throughout the lifecycle. ID can be used to reach high ambitions by developing, discussing and evaluating a scheme using a multidisciplinary team from the initial design phases. ID is a proven approach for achieving high-performance buildings with good indoor environment, without sacrificing architectural quality or result in excessive costs.

The **GREENBUILDING INTEGRATED DESIGN AWARD (GB ID Award)** aims at highlighting outstanding ID processes. This is a continuously open call. Each year an evaluation committee will assess all applications arriving **BEFORE 1 MARCH**. The best applications for each year will be awarded in the frame of a European high-level conference.

The GreenBuilding Partner status is a prerequisite for taking part in the GB ID Award. It can be easily achieved if the applicant has implemented a building project that fulfills the quality criterion of the GreenBuilding Programme.

In order **TO APPLY FOR THE GB ID AWARD** the following documents have to be prepared:

- An Action Plan;
- An Energy Audit Report (only in case of renovation of existing buildings);
- An Analysis Report (In case of the renovation of an existing building, an applicant may include the Analysis Report within the Energy Audit Report);
- A completed GreenBuilding Programme Application Tool (including the sheets dedicated to ID);
- A signed GreenBuilding application form;
- A signed GreenBuilding candidate form;
- An Integrated-Design Report.

All documents have to be delivered via email to the National Contact Point.

Disclaimer

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Introduction

Integrated Design (ID) is the general term for a collaborative approach aimed at optimizing a scheme's design. The procedure considers the building as a whole system and tends to improve it throughout the whole lifecycle. ID can be used to reach high ambitions by developing, discussing and evaluating a scheme using a multidisciplinary team right from the initial design phases. It is a proven approach for achieving high-performance buildings with good indoor environment, without sacrificing architectural quality or resulting in excessive costs and simultaneous reduction of environmental impacts of a building. Among a number of environmental impacts, the reduction of energy required by a building during its operational phase is an important objective. In line with this principle, in May 2010, the European Commission decided to recast the Directive on the Energy Performance of Buildings (EPBD) and to move the energy target for new buildings to the *nearly zero energy buildings* (NZEB) concept for public buildings until 2019 and for other buildings until 2021.

In 2004, the EU launched the GreenBuilding (GB) Programme to enhance energy efficiency in both existing and new non-residential buildings on a voluntary basis. An action of the programme was the constitution of an annual European GreenBuilding Award, which rewards the most interesting and efficient GB partner's interventions presented during the previous 12 months. It should be noted that the GB Programme is not addressed to the intervention itself, but to the partner (organization, owner) who decides and operates to improve its building(s).

In order to increase the visibility of the ID approach, the **GreenBuilding Integrated Design Award** (GB ID Award) has been launched in the framework of the European GreenBuilding Award. The GB ID Award aims at highlighting outstanding ID processes.

Objectives and scope

Integrated Design is derived from a proven observation and shows that changes and improvements of the scheme are relatively easy to make at the beginning of the design process. However, ID becomes increasingly difficult to apply, disruptive and expensive the further the planning phases have progressed. Also late improvements are more likely to result in only moderate performance gains compared with those implemented in the initial stages. According to this, the GB ID Award will focus on the ideal ID process.

The GB ID Award aims at spreading the use of the ID approach by getting European visibility to the organizations that foster its adoption and build or renovate sustainable and high-performance buildings. The GB ID Award is exclusively addressed to non-residential buildings. All submitted building projects have to comply with the requirement to become a "GB Partner", which consists in reducing their whole primary energy consumption of at least 25% with respect to the consumption measured prior the refurbishment (in case of a renovation) or to the legal requirements (in case of a new building or a renovation with the change of the type of use or of the dimension of the building).

The GreenBuilding Integrated Design Award (GB ID Award)

This specific award is dedicated to all public and private organizations for rewarding and giving European visibility to outstanding ID processes in non-residential buildings. It will contribute to spreading the ID approach, in highlighting its advantages and in showing possible and feasible ways to reach advanced building targets by reduced costs over the whole life cycle.

The first annual **award ceremony** will be held in April 2014 during the *IEECB Fair* in Frankfurt (Germany). The GB ID Award takes place at the *IEECB Fair* in years with even numbers and at the *Nextbuilding Fair* in Milan (IT) years with odd numbers. Every annual **submission closes on the 1st of March**.

Benefits of participating in the GreenBuilding Integrated Design Award

The Integrated Design approach supports developers and designers in delivering buildings, which satisfy occupants' needs much more than conventionally designed buildings. By adopting the Integrated Design approach, organizations will be able to:

- Maintain or improve comfort levels, indoor quality and the quality of the service of the systems concerned;
- Realize technically and economically feasible energy savings. The plan must satisfy the criterion of economic efficiency, so that the allocation of scarce financial and human resources is justified from the viewpoint of the organizations.

The advantages of participating in the GB ID Award are as follows:

- Partners will receive public recognition for their efforts in having adopted the ID process and get advantages by the adoption of that;
- The rewarded organizations are allowed to use the GreenBuilding Integrated Design Award Logo in their printed material, advertisement and in their headquarters;
- The list of rewarded organizations will be published widely (brochures, magazines, European Commission website: <http://iet.jrc.ec.europa.eu/energyefficiency/greenbuilding>, MaTriD website: www.integrateddesign.eu);
- Partners will be invited to provide details on methodologies, tools and results. Documentation of Integrated Design measures and strategies, which will be published by the European Commission.

Participation procedures

All organizations wishing to the GreenBuilding programme and to acquire the GreenBuilding status could also apply for the GB ID Award. The GreenBuilding Partner status is a prerequisite for taking part in the GB ID Award. Besides satisfying the eligibility criteria developed to obtain the GreenBuilding Partner status, an organization wishing to participate to the GB ID Award will demonstrate its efforts in having adopted and get advantages by the adoption of an ID process.

An organization can participate with more than one intervention. If an organization participates in the GB Programme with more than 10 interventions it can aspire to the status of Corporate Partner. Please refer to the document "The European GreenBuilding Programme Partner Guideline – Version 2.2" at page 4 for further information about the Corporate Partnership.

The European GreenBuilding Programme Partner Guideline – Version 2.2 is available on:
<http://iet.jrc.ec.europa.eu/energyefficiency/european-greenbuilding-programme-partner-guidelines-version-22>
(Accessed on 17/09/2013)

Participation in the GreenBuilding Programme

The procedure for applying for the GreenBuilding Partner status consists of some steps:

1. **In case of the renovation** of an existing non-residential building, the organization has to carry out an **energy audit** of the building and has to assess the baseline expressed in term of primary energy required for heating and humidification, cooling and dehumidification and lighting according to the legislation in force in its own country;
2. **In case of a new building**, or when the national law requires for renovations to refer to a maximum legal value, the organization has to define the maximum primary energy requirement expressed in term of primary energy for heating and humidification, cooling and dehumidification and lighting according to the legislation in force in its own Country;
3. The organization has to formulate an **Action Plan**, defining the scope and nature of the organization's commitment to improve energy efficiency in its building(s). It has to support the effectiveness of the Action Plan

- by producing an **Analysis Report** and filling in the **GreenBuilding Programme Application Tool** (GBP AT). The GBP AT is available on: <http://re.jrc.ec.europa.eu/energyefficiency/greenbuilding/index.htm>;
4. Following documents have to be sent to the European Commission and to its National Contact Point by the applicant:
 - a. The **Action Plan**;
 - b. The **Energy Audit Report¹**;
 - c. The **Analysis Report²**.
 - d. The completed GreenBuilding Programme Application Tool;
 - e. The **signed GreenBuilding application form** (It is a .Pdf file generated by the GBP AT),
 - f. The **signed GreenBuilding candidate letter** (It is a .Pdf file generated by the GBP AT);
 5. The European Commission, in consultation with the National Contact Point, evaluates the documentation produced by the candidate partner and, whether it complies with the eligibility criteria, approves the candidature. Then, the European Commission grants the GreenBuilding partnership to the organization.

Please refer to the document *The European GreenBuilding Programme Partner Guideline – Version 2.2* for further information about the responsibilities of participants in the GreenBuilding Programme.

The European GreenBuilding Programme Partner Guideline – Version 2.2 is available on:
<http://iet.jrc.ec.europa.eu/energyefficiency/european-greenbuilding-programme-partner-guidelines-version-22>
 (Accessed on 17/09/2013)

Participation in the GreenBuilding Integrated Design Award

If an organization wishes to apply for the GB ID Award, it has to submit some additional information, namely the **Integrated-Design Report** the **ID dedicated sheets in the GBP AT** (see in detail below). The following table summarizes the documents, which need to be submitted for participating in the GB Programme as well as in the GB ID Award.

Table 1 – List of the documents required to participate in the GB Programme and in the GB ID Award.

Need	Documents
<i>What documents do I need to produce to become a GB Partner?</i>	<ul style="list-style-type: none"> - <i>The Action Plan</i> - <i>The Energy Audit Report¹</i> - <i>The Analysis Report²</i> - <i>The completed GBP AT</i> - <i>The signed GreenBuilding application form</i> - <i>The signed GreenBuilding candidate form</i>
<i>Additional documents to be produced for applying for the GB ID Award</i>	<ul style="list-style-type: none"> - <i>The Integrated-Design Report</i> - <i>The ID dedicated sheets in the GBP AT</i>

Documentation about Integrated Design

In order to apply for the GB ID Award, a candidate organization has to produce the **Integrated-Design Report** and to fill in the **ID sheets in the GBP AT**. The documents have to be delivered to the National Contact Point (see table 2 and table 3).

¹ It has to be produced only in case of the renovation of an existing building.

² In case of the renovation of an existing building, an applicant may include the Analysis Report within the Energy Audit Report.

The Integrated Design Report

It is a dedicated report that describes the measures and strategies specifically addressed to a collaborative design approach adopted by the organization, the design team and the construction firms to enhance the energy and sustainable performance of their building(s). To deliver a harmonized description of the ID measures, the following structure for the editing of the report is suggested. It consists of seven sections whose main topics are:

- Objectives and goals of the design;
- Composition of the work team: skills and experiences;
- Communication strategies among team members: methods and platforms;
- Tools used to manage the ID process;
- ID strategy and management of the workflow;
- Quantitative overview of the expected results;
- Contribution to innovation and demonstration activities.

To learn more about ID and explanation of ID process phases please read ID Process Guidelines. The evaluation committee will judge qualitatively on the basis of information delivered in the ID Report. **The Report must not exceed 5 pages.**

The ID Process Guidelines are available on:
http://www.integrateddesign.eu/toolkits/process_guidelines.php
(Accessed on 17/09/2013)

The ID sheets in the GBP AT

In addition to the qualitative description in the Integrated Design Report a few quantitative questions need to be answered. This is done through an ID-specific data sheet in the GBP AT questionnaire, which has to be filled out by all GB Partners. The GBP AT is a VBA macro-based MS Excel[®] sheet.

The GreenBuilding Programme Application Tool is available on:
<http://iet.jrc.ec.europa.eu/energyefficiency/green-building-programme-partner-application-tool>
(Accessed on 17/09/2013)

Supporting documents for applicants to the GB ID Award

To support the candidate organizations in applying for the GB ID Award, a number of documents have been developed:

- *The ID Process Guideline;*
- *The Client and Tenants Brief;*
- *The Scope of Services;*
- *The Technical module about remuneration schemes.*

ID Process Guideline, Client and Tenants Brief, Scope of Services, Technical module about remuneration schemes are available on:
www.integrateddesign.eu
(Accessed on 17/09/2013)

The ID evaluation and the ID evaluation committee

An evaluation committee of three experts carries out the evaluation of the collaborative approach adopted to develop a project and of the results achieved. This evaluation is based on a quantitative and a qualitative assessment. The quantitative assessment is based on the score achieved according to the GBP AT questionnaire. The qualitative assessment is based on the supporting documentation provided by the Partner in the Integrated Design Report.

The evaluation committee exclusively assesses the ID measures and strategies adopted in all submitted projects. It is composed by one member in charge of the European project MaTriD, which aims at supporting the market dissemination of Integrated Design, one member of the European Commission and one independent expert with an outstanding profile in the field of Integrated Design.

Further information

Information on the **GB ID Award** is available online:

- at the webpage of the GreenBuilding Programme: <http://iet.jrc.ec.europa.eu/energyefficiency/greenbuilding>;
- at the European project webpage MaTriD: www.integrateddesign.eu;
- at the BUILD UP portal: www.buildup.eu.

Support to apply for the GreenBuilding Integrated Design Award

Organizations wishing to apply for the **GB ID Award** will receive aid, advice and technical assistance in checking the documentation from the following National Contact Points:

Table 2 – List of the National Contact Points for the GB ID Award.

Country	National Contact Point	Contact person	Email address
Austria and Germany	e7 - Energy Market Analysis, Ltd.	Stefan Amann	stefan.amann@e-sieben.at
Greece	National and Kapodistrian University of Athens	Theoni Karlessi	karlessith@phys.uoa.gr
Italy	eERG - Politecnico di Milano	Salvatore Carlucci	salvatore.carlucci@polimi.it
Latvia	Ekodoma	Agris Kamenders	agris@ekodoma.lv
Norway	Asplan Viak AS	Per F. Jørgensen	perf.jorgensen@asplanviak.no
Poland	National Energy Conservation Agency	Aleksander Panek	apanek@nape.pl
Portugal	CEEETA-ECO, Energy Consultants, Ltd.	Carlos Laia	carlos.laia@ceeeta.pt
Slovakia	Slovak Innovation and Energy Agency	Eduard Jambor	eduard.jambor@siea.gov.sk
Slovenia	Building and Civil Engineering Institute ZRMK	Marjana Šijanec Zavrl	msijanec@gi-zrmk.si
Sweden	KanEnergi Sweden AB	Ronnie Hollsten	Ronnie.hollsten@kanenergi.se
United Kingdom	Building Research Establishment Ltd	Andy Sutton	suttona@bre.co.uk

For all other European countries, please, contact the coordinator of the European project MaTriD:

Klemens Leutgöb
e7 - Energy Market Analysis, Ltd
klemens.leutgoeb@e-sieben.at

Support to apply for the GreenBuilding Programme

Organizations wishing to apply for the **GB Programme** will receive aid, advice and technical assistance in checking the documentation from the following National Contact Points:

Table 2 – List of the National Contact Points for the GB ID Award.

Country	National Contact Point	Contact person	Email address
Austria	Austrian Energy Agency	Tobias Waltjen	tobias.waltjen@ibo.at
Bulgaria	The Chamber of Architects in Bulgaria	Nicholas Galabov	architecture.bg@gmail.com
Croatia	Energy Institute Hrvoje Požar	Željka Hrs Borković	zhrs@eihp.hr
Finland	Motiva Oy	Tapio Jalo	tapio.jalo@motiva.fi
France	ADEME Ecole des Mines de Paris	Alain Anglade Jerome Adnot	alain.anglade@ademe.fr jerome.adnot@ensmp.fr
Greece	Centre for Renewable Energy Sources (CRES)	Minas Iatridis	miatri@cres.gr
Italy	eERG - Politecnico di Milano	Lorenzo Pagliano	lorenzo.pagliano@polimi.it
Poland	Polish Green Building Council (PLGBC) - Polskie Stowarzyszenie Budownictwa Ekologicznego	Agnes Vorbrodts-Schurma	agnes@plgbc.org
Portugal	ADENE - Agência para a Energia	Diogo Beirao	diogo.beirao@adene.pt
Slovenia	Jozef Stefan Institute	Marko Pečkaj	marko.peckaj@ijs.si
Spain	Universitat Rovira i Virgili National	Joan Carles Bruno Núria Quince	juancarlos.bruno@urv.cat nuria.quince@urv.cat
Sweden	Sweden Green Building Council / Building Green in Sweden AB	Linda Kjällén	linda.kjallen@sgbc.se

For all other European countries, please, contact the coordinator of the GreenBuilding Programme:

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