



WORLD GREEN BUILDING COUNCIL

Leadership Awards
Europe Region



2013

“The Europe Region Leadership Awards showcase how sustainable building practices are reducing the ecological footprint of our buildings and cities, while delivering valuable economic and social benefits. Our industry is at the forefront of a revolution that is transforming the way people live, work and play – and we are proud to present these outstanding examples of green building leadership.”

Jane Henley, Chief Executive Officer
World Green Building Council

“Awards are an excellent vehicle to celebrate progress, connect leaders and share best practice – and this is exactly what we want to encourage across WorldGBC’s Europe Network. In our inaugural year, we’ve received many great nominations showcasing sustainability in action across the continent. The diversity of our members is represented in these nominations, which is why our award categories showcase not only buildings, but companies and city policies as well. With nominations from 13 different countries, we hope that you’ll take this opportunity to learn about new projects and connect with new leaders.”

Paul King, Chair
World Green Building Council Europe Region Network



CONTENTS

Introduction	3
Award Categories and Criteria	4
2013 WorldGBC	
LEADERSHIP AWARDS EUROPE REGION WINNERS	
LEADERSHIP IN BUILDING DESIGN & PERFORMANCE	
Green City Court, Czech Republic	6
BUSINESS LEADERSHIP IN SUSTAINABILITY	
British Land, UK	8
EXCELLENCE IN CITY POLICY FOR GREEN BUILDING	
Vitoria-Gasteiz, Spain	10
Nominees for Leadership in Building Design & Performance. .	12
Nominees for Business Leadership in Sustainability.	22
Nominees for Excellence in City Policy for Green Building . . .	30
Award Judges	34
Award Partners	36



“It has been very encouraging to see the impressive line-up of nominations for the first WorldGBC awards. With success in mainstreaming sustainability in the built environment very much depending upon three things – commitment, capacity building and the ability to inspire others – the WorldGBC Europe Region Leadership Awards are a perfect way to address all of these aspects. RICS supports this global initiative because, not only does it believe in recognizing achievements, but also in showcasing and communicating the stories that are behind every project as these can act as best practice case studies for others to aspire to.”

– Royal Institution of Chartered Surveyors (RICS)

“The World of the 21st century is becoming ever more alert to the environmental impact of human activities. Among those activities, construction work accounts for a large element of the consumption of natural resources and energy. The Architects’ Council of Europe places the quality and sustainability of the built environment at the heart of its activities, so is pleased to partner with the Europe Regional Network of WorldGBC on these important awards. We look forward to showcasing best practice examples from some of Europe’s green building leaders.”

– Architects’ Council of Europe (ACE)

Introduction

The World Green Building Council's European Network is proud to host the first ever Europe Region Leadership Awards.

Building on the success of the global Government Leadership Awards, the European regional awards promote leadership and inspire best practices in green building policy, construction projects and corporate initiatives.

GBCs across Europe have nominated cities, buildings and companies that are leading the charge on sustainability. These nominees demonstrate why green business is good for our planet, our people and our industry; that it is simply good business.

While the awards are regional, the impact is global. The WorldGBC's Europe Network is our largest and fastest growing, with a collective mission to transform the building and construction industry. We are bringing together a diverse group of outstanding organizations to share best practice and case studies of excellence, which we believe will deliver the radical changes needed within our industry to ensure a sustainable future for all.

“The whole ECEC Strategy is based on sustainable construction, therefore it is a matter of course to support initiatives like that of the WorldGBC Europe Region Leadership Awards. Raise awareness and placing excellent projects in the limelight ensures that they serve as best practice examples.”

– European Council of Engineers Chambers (ECEC)



Award Categories & Criteria

LEADERSHIP IN BUILDING DESIGN AND PERFORMANCE

Taking an intelligent approach to energy (out of 10)

Ability to minimize energy use in all stages of a building's lifecycle and integrate renewable and low carbon technologies.

Safeguarding water resources

(out of 10)

Exploring ways to improve drinking and wastewater efficiency and management while considering the impact of the built environment on stormwater and drainage infrastructure.

Minimizing waste and maximizing reuse (out of 10)

The use of fewer, more durable materials and generating less waste throughout the building's lifecycle and engaging users in reuse and recycling.

Promoting health and well-being

(out of 10)

Applying strategies and technologies to ensure that the building's indoor environmental quality promotes the health and well-being of its users.

Protecting the landscape and exterior space (out of 10)

Recognizing the built environment's role in preserving nature, ensuring diverse wildlife and land quality are protected and bringing agriculture into our cities.

Embedding adaptation strategies

(out of 10)

Resilience measures taken in the design and construction of the building to mitigate damage in the event of flooding, earthquakes, fire and/or other locally occurring natural disasters.

Creating Connectivity (out of 10)

Looking beyond the building scale to stimulate a well-connected and enhanced community.

Considering the whole lifecycle

(out of 10)

Lowering all environmental impacts and maximizing social and economic value over the building's lifecycle from design through to demolition.

Fitting to the local context (out of 10)

How the building's form and function reflect its local context, and strategic decisions made based on the building's location (physical, social, cultural, technological or economic).

Integrating, education and sharing best practice (out of 10)

The use of the integrated design and construction processes, tenant education, as well as using the building as a knowledge-sharing and learning tool.

BUSINESS LEADERSHIP IN SUSTAINABILITY

Corporate policy and leadership

(out of 20)

Placing sustainability at the core of business policies and management.

Corporate policy in practice

(out of 20)

Embedding sustainability into strategy and business operations, and delivering against the sustainability targets laid out in business policies.

Measurable impact of policy

(out of 20)

Tracking how the company's operations contribute to the sustainability of the built environment.

Knowledge sharing/transfer

(out of 20)

Showcasing best practice, promoting sustainability in the sector and up-skilling employees.

EXCELLENCE IN CITY POLICY FOR GREEN BUILDING

Effectiveness of initiative in transforming the industry (out of 20)

A reflection of how far-reaching the policy is and its potential to create long-lasting change in the industry.

Cost-effectiveness of initiative

(out of 20)

The use of lifetime costing and other cost-benefit analyses that move past 'first costs' and consider other long-term financial benefits of the policy.

Scale of emissions reductions

(out of 20)

The policy's ability to mitigate climate change, its overall environmental benefits and benefits to the communities that the policy affects.

Demonstration of environmental leadership and innovation (out of 20)

The use of new and innovative partnerships and mechanisms and/or leadership that will deliver tangible benefits of green building, climate, and energy policies to communities.

Replicability and relevance to other locations (out of 20)

The effort undertaken to partner, collaborate and share information in order to bring to scale urban sustainability strategies.



Winner: Leadership in Building Design and Performance

Green City Court, Czech Republic

In constructing Green City Court, Skanska employed a number of sustainable solutions for the first time in the Czech Republic, including a naturally-ventilated atrium, advanced lighting system and waterless urinals. The building was designed to consume 56 percent less energy than a building constructed to meet the Czech building code. Green City Court saves around 5,000 cubic litres of water through efficiency measures and rainwater harvesting which accounts for 25 percent less water used than a typical Czech building. The naturally-ventilated atrium features a nine-metre-high olive tree and ivy-covered living wall on the ground floor.

The glazed façade and atrium let in the light, while the lighting system controlled by daylight sensors ensures constant lighting levels and a seamless transition from natural to artificial lighting. The office spaces, corridors and meeting rooms promote occupant acoustic comfort and incorporate a flexible design, which easily accommodates increased capacity. The site of Green City Court was previously a brownfield site that was occupied by disused and derelict buildings, which contained asbestos and other hazardous materials. Today, the green roof and underground parking allow for about 50 percent of the site to be vegetated.

To reduce waste, the project used off-site prefabricated envelope and HVAC components, as well as layout plans for ceiling and flooring to determine optimal off cuts. During construction, a recycling rate of more than 87 percent was achieved based on volume excluding hazardous waste, aggregates and soil. The building's materials consist of more than 21 percent recycled content, while comprehensive waste sorting facilities throughout the office space encourage recycling by tenants.

In addition to a better ventilated, naturally lit, flexible indoor environment, the building also comes with tenant design and construction guidelines ensuring that sustainability practices are retained throughout the occupancy. Tenant satisfaction surveys will steer further improvements, while the green education program informs both tenants and visitors about the sustainability features of the site and its associated benefits.

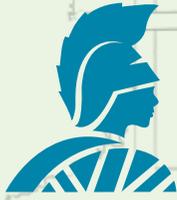
Other key features include:

- Use of building management system (BMS)
- Plate heat exchangers, which extract heat from the local district hot water system
- Advanced building management automated systems and its operators, which have direct control over all main building systems
- Enhanced commissioning, management and verification
- Façade design, which protects the building against excessive

solar heat gain

- Rainwater harvesting and landscape infiltration, which capture and store about 90 percent of the site's total precipitation, reducing pressure on municipal storm water system
- Third party tested and verified materials
- CO2 monitoring regulates fresh air intake
- Excellent accessibility to public transport (four minutes to underground, four stops to city center and five stops to main railway station)
- Bicycle storage and showers
- Electric cars plug into smart grid
- Hired local workforce, and materials manufactured in the country
- First building embodied carbon footprint.





British Land

Winner: Business Leadership in Sustainability

British Land, UK

British Land owns and manages a portfolio of commercial property worth €19.4 billion. One of Europe's largest Real Estate Investment Trusts, since 2009 British Land has set challenging short- and medium-term environmental targets. As of March 2013, British Land had cut landlord-influenced energy by 38 percent compared to a 2009 baseline, saving occupiers €6.6 million and reducing carbon emissions by 39,600 tonnes - equivalent to annual emissions from more than 6,000 homes. This significantly exceeded the company's 20 percent three-year reduction target. Not content to rest on its laurels, British Land has now set a 40 percent reduction target for 2015. The

company is also on track to achieve zero waste to landfill by 2015; last year a 95 percent diversion rate was achieved – an improvement on 85 percent three years ago. British Land diverted 724,561 tonnes of construction waste from landfill over the past three years – as much as the weight of 50,000 double-decker buses. Over the past four years, British Land has achieved BREEAM 'Excellent' certification for nearly 440,000 square metres of new building space, has contributed €61 million to local communities through the planning process and has achieved, on average, 27 percent more energy efficient designs than building regulations require.

Internally, the company's corporate social responsibility strategy acts as a catalyst for change across the business, developing policies and procedures in response to stakeholder engagement and research. Employees throughout the business are responsible for the strategy's integration into day-to-day business activities. The company's performance against the Dow Jones Sustainability Index is a metric in senior staff bonus calculations, ensuring that senior management are committed to sustainability policies.

Sustainability reporting is undertaken through the Global Reporting Initiative (GRI), the London Benchmarking Group Corporate Community Investment Methodology and Business Premises Renovation Allowance (BPRO) best practice recommendations on sustainability reporting. British Land's managed

portfolio holds a Carbon Trust Standard accreditation.

British Land is a Founding Gold Leaf Member of the UKGBC and as such plays an active role in sharing industry best practice with key stakeholders, including government and local authorities. The company has advocated for stronger and simpler green building regulation – both existing and new build – through its work with the UKGBC, the British Property Federation (BPF) Sustainability Committee and the Better Buildings Partnership.

The company firmly believes that sustainability and corporate responsibility supports their corporate aim of building the best real estate investment trust in Europe and helps drive the firm's financial performance.



Winner: Excellence in City Policy for Green Building

Vitoria-Gasteiz: green inside, green outside Vitoria-Gasteiz, Spain

Vitoria-Gasteiz, capital of the Basque Country, has a visionary commitment to building a greener city. Since 1995, the city council has developed policies in line with Agenda 21, focused on use of natural resources, energy and water savings, biodiversity protection, waste treatment, sustainable transport and health improvement which have been gradually adopted with the consensus and involvement of citizens, non-government organizations, industry and the university. More than 100 annual initiatives foster a sense of 'belonging' to a green community. These include awareness-raising campaigns,

training activities and public information centres, and education in schools. In 2012, 703 companies voluntarily committed to introducing 1,333 environmental improvements. In 2009, Vitoria-Gasteiz was one of the first European Union municipalities to sign the Covenant of Mayors, voluntarily committing to increase energy efficiency and the use of renewable energy sources to meet and exceed the EU's 20 percent carbon reduction objective by 2020. The city's long-term aim is to become a carbon-neutral zone.

The city commits to sustainability by allocating 15 percent of its total budget to

'improvement of the environment', which does not include additional investments such as the Sustainable Mobility and Urban Space Plan or the Floods Prevention Plan. The benefits are clear: between 2006 and 2012 the city saw a 26 percent reduction in water consumption, 54 percent increase in public transport users, and an annual savings of €162 million in health care costs due to increased walking and cycling. The implementation of the Plan Against Climate Change 2010-2020 will achieve a 26 percent greenhouse gas emissions reduction over the base scenario through 79 energy reduction actions.

The 'Interior Green Belt Project' is addressing the need to reduce the urban ecological footprint by creating an urban corridor of sustainable power, building and vegetation. The eco-redesign of Gasteiz Avenue and the Europa Convention Centre will be the central point of this development.

Implementing sustainability policies within the city has allowed for:

- One third of the surface area of the municipality to remain forested area, while another third remain extensive rural area of high agricultural value
- 600 hectares of green belt
- 45 square meters of public green area per person
- 130,000 city street trees
- 2010 organic farming plots
- 100 percent of the population lives less than 300 meters from green spaces
- 95 percent of the population have access to all kinds of basic services within 500 metres of their homes
- Only 28 percent of the journeys within the city are made by car
- 284 days of good air quality each year.



Victoria-Gasteiz is an environmental benchmark, representing the kind of archetypal average-size city in which 84 percent of European citizens live. In 2012, the city was designated as the 'spokesman' for European and Latin American cities by the International Summit Rio +20.



Leadership in Building Design and Performance

NOMINEES

Our outstanding nominees in the Leadership in Building Design and Performance category demonstrate that a holistic approach to sustainability can deliver benefits that reach far beyond energy efficiency. All our nominees provide real-world examples of how green buildings are better buildings for the environment, and for people too, and underscore how green buildings in operation are meeting and exceeding their design aspirations.

Aston Engineering Academy Birmingham, UK

Cundall's vision for the Aston Engineering Academy delivers a high performance learning environment with smart design, intelligent systems and a focus on interior comfort. The engineering specialism is evident both in the form and detail of the building; services are exposed and engineering displays and energy screens have been incorporated to provide a 'living laboratory'. Cundall developed an innovative 'thermal labyrinth' on the brownfield site which resulted in substantially reduced

heating and cooling energy requirements. Natural daylight is maximized by arranging teaching spaces around the perimeter of the building with a central circulation atrium, bringing light deep into the centre of the Academy. Electrical systems are fully sub-metered and enable the user to monitor and target all aspects of the building use. The building includes a number of engineering innovations which inspire students and act as an educational tool.



Campus BBVA La Moraleja, Spain

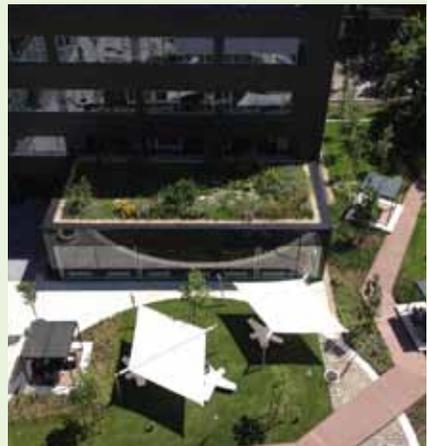
Campus BBVA is demonstrating why green buildings make smart sense. The energy efficiency measures alone – including high-efficiency glazing, chillers, hot water condensing boilers, occupancy sensors, solar thermal panels and photovoltaic panels – have reduced cooling requirements by 35 percent and heating by 73 percent. High efficiency water fixtures and grey water re-use ensure the campus consumes 40 percent less water than a comparable conventional building. The building encourages its occupants to make more sustainable choices. Three electric vehicles are available for staff to use, while electrical cars charging points and 14

preferred parking spaces (6.54 percent of total parking spaces) are available for low-emitting and fuel-efficient vehicles. The building also features bicycle storage and shower facilities and a shuttle that connects Campus BBVA with other BBVA work centres in Madrid. The office space is open and allows for multiple configurations. The flexibility will enable the building to adapt over many years without requiring significant expansion or renovation.



Green House Office, Budapest, Hungary

The Green House certainly lives up to its name. Designed to consume 45 percent less energy and 50 percent water than conventional Hungarian offices of similar size, the Green House is an impressive example of sustainability at work. A ground source heating and cooling system built into the structural foundations moderates the building's temperature, while chilled beams distribute cool fresh air and achieve energy savings of up to 30 percent when compared with conventional fan coil units. High performance lighting uses 50 percent less energy than a conventional system, by incorporating daylight and occupancy sensors and a low power density. Around 80 percent of construction waste was diverted from landfill. The building encourages people to choose alternative modes of transport, with 50 bicycle racks, 13 designated spaces for carpools, and an electric vehicle charging station. More than half of the building is covered with a green roof, which provides additional thermal insulation and extends the roof's lifespan by protecting it from weathering and UV light. In addition, roof vegetation provides habitats for birds and insects and filters airborne pollution.



Bogazici University Hamlin Hall Istanbul, Turkey

The historic Hamlin Hall, built in 1871, was in need of renovation, and the building's good design made it a perfect candidate for a green makeover. Embracing the LEED guidelines (and ultimately achieving LEED Gold certification for a major renovation), the university maintained 90 percent of structural materials and 75 percent on non-structural materials. The building has high ceilings, large windows and a large atrium covered with a skylight.

Portions of the skylight open automatically depending on the levels of carbon dioxide in the atrium, ensuring the building has high levels of fresh air. With 80 percent daylight penetration, artificial lighting is also minimized. With fresh air and natural light in plentiful supply, no artificial cooling is required in summer. To combat the high water consumption of the dormitory, water-efficient fixtures and fittings were combined with a grey water collection system, which harvests water from showers and sinks to be reused in reservoirs, urinals and irrigation. As a result, no potable water is required for these uses.





Bord Gais Network Service Centre Dublin, Ireland

This highly insulated, compact building features a low-energy design with natural and displacement ventilation, natural daylight, and space conditioning using radiant cooling and heating supplied by a ground source heat pump and chilling device. The result is a building that consumes 46 percent less energy than 'business as usual' buildings. But the good news story doesn't end there. Organized over two levels, with gardens woven into an informal fabric of internal and external

spaces, the building promotes staff collaboration. Bord Gais Network Service Centre has a green roof which captures rainwater and provides an area for building occupants to enjoy. Water-efficient fixtures and fittings, including dual flush toilets, water meters connected to the building monitoring system, and a smart irrigation system to the green roof all minimise water consumption. The result is a building that has achieved a BREEAM 'Excellent' rating.



RATI Energy-plus potential building Komló, Hungary

The Energydesign® research group at the University of Pécs has developed a unique design method which aims to meet sustainability objectives by taking advantage of the laws of physics. Applying the laws of thermodynamics, heat transmission, fluid mechanics and light technology, as well as local climatic and geographical conditions, Energydesign creates new building services systems and building envelope technologies to achieve energy- and climate-related objectives in buildings and structures. The RATI building in Komló

is the first in Hungary to be designed using the Energydesign method. The building's heating and cooling is moderated by a low-temperature radiant surface system, thermo-activated reinforced concrete floor and ceiling thermal mass structures, and additional wall heating/cooling panels on brickwork walls. The systems are low in energy demand and high in thermal comfort. The building also features polycrystalline PV panels which produce more electricity than the building consumes.

School Extension Budapest, Hungary

A school for children with disabilities is now a sustainable showcase that demonstrates how green buildings can be good for the environment and good for people too. Built in a market with a low awareness of sustainability, and without any additional funds for green features, the project team has delivered an ultra-low energy building on a conventional budget. Hungary's first PassivHaus school, the building consumes

90 percent less energy than non-green counterparts. The ultra-low energy design minimizes heat losses and energy consumption. The school features durable materials, with a lifespan of at least 50 years. The project team also considered embodied energy when choosing materials, and only local materials less than 100 kilometres away were selected.





SPAR Supermarket Floßendplatz Graz, Austria

While supermarkets in most countries are drab blocks of sheet metal and precast concrete panels, SPAR's new supermarket in Graz breaks the mould. SPAR's design team considered sustainability from the outset, and demonstrated that green certification doesn't necessarily equal restriction in operation, interior design or use. Material selection was carefully considered, with non-load bearing interior walls made of lightweight material to provide future flexibility. Most parts of the building were constructed with prefabricated elements, polyurethane-layered sandwich panels and a wooden roof

system. These, together with the galvanized aluminium panel façade, were designed for disassembly and can be recycled. Natural materials such as rock, wool and foam glass were used for insulation. An emphasis on natural daylight has cut energy consumption by as much as 50 percent, while a photovoltaic installation and soon-to-be-complete hydraulic turbine are expected to meet 100 percent of the building's energy needs. Graz's new supermarket is as architecturally appealing as it is sustainable, and has improved the character of the neighbourhood.

Millennium City Centre, K&H Bank Headquarters Budapest, Hungary

On the banks of the River Danube, the K&H Bank Headquarters building is a textbook case of inner city remediation. The site was originally a railroad freight terminus; today stands Hungary's first LEED-NC rated building. The project team carefully considered material selection, with more than 80 percent of building materials and products extracted, harvested, recovered or manufactured within 800km of the project site. Energy efficiency was a priority; sophisticated control systems minimize energy use, while deep groundwater wells

under the building aid direct heating and cooling. The energy-saving design and technologies have resulted in a building that consumes around 22 percent less than a comparable conventional building, while providing optimum occupant comfort. New technologies were also applied to curb potable water use, while a cistern captures and stores rainwater – relieving the public storm water system of more than 90 percent of rainfall, and irrigating roof top gardens and landscaped grounds.



Business Leadership in Sustainability

NOMINEES

The Business Leadership in Sustainability category showcases organizations that are committed to integrating sustainability into the way they do business. These companies understand that sustainability is a long-term business opportunity, and are demonstrating that sustainable business practices – both in their internal operations and the product or service delivered to the market – can provide a competitive advantage and enhanced reputation.



Caparol, Croatia

Caparol d.o.o. is a member of Deutsche Amfibolin-Werke von Robert Murjahn Stiftung & Co, Europe's largest private manufacturer of building paints and enamels, thermal insulation composite systems and building protection products. The family-owned company has a long commitment to sustainability, and green thinking is integral to Caparol's long-term strategy. An active member of world, state and regional organizations that advocate green and energy efficient buildings, Caparol is an integral member of the Green Building Council of Croatia. For Caparol, sustainability is a driver of innovation, and its vision is to produce pioneering, high quality and durable products which make a contribution to environmental and climate protection, and the health and well-being of people.



Colliers, Montenegro

Colliers is a leader in sustainable building in Montenegro. Recognising that Colliers and its clients have an incredible opportunity to make a lasting impression on environmental services, Colliers has developed a suite of sustainability strategies to help clients create healthier workplaces, improve financial performance and boost their brands. The founder of Montenegro's Green Building Council, Colliers promotes green policies within the property industry and with government, and advocates the importance of stricter building standards. The company also helps certify both structural and commercial interior green buildings. Colliers is also piloting a comprehensive system for measuring and reducing its carbon footprint, and educating its people to do the same at home. Today, Colliers has more than 200 LEED accredited professionals, including LEED-certified project managers.



Cundall, UK

Cundall has held ISO14001 certification since 2003, and its Environmental Management System is incorporated into operational procedures. This enables Cundall to identify how both the operation of its business and its projects impact the environment. In 2012, Cundall became the world's first consultancy to be formally endorsed as a One Planet Company by sustainability charity BioRegional. Cundall has also established a target that by 2015 at least half of all its projects will be in the top 20 percent of environmental performers, measured using energy performance certificates and other rating tools. Over the last two years, Cundall has invested in an R&D project to define and reduce the 'whole carbon footprint' of buildings which includes operational, embodied and transport emissions. A new calculator tool has also been developed and was launched with the book *What Colour Is Your Building?*, together with a new whole carbon consultancy service, in September 2013.



DELTA, Austria

DELTA's vision is that "every single building is sustainable". Products and services reflect this commitment, and employees are dedicated to green building principles and using environmentally-preferable construction materials in projects. DELTA has established a 'Standard Line' and a 'Green Line' for its products and services, to explicitly draw its clients' attention to the fact that sustainability lies in many little details of the design and construction process. It has also created the Investor's Guide for Green Building which educates investors on the choices they can make at all stages of a project's lifecycle. Co-founder of the Austrian Sustainability Building Council, DELTA is also a co-founder of the Ukrainian and Slovak GBCs, as well as other sustainability groups, and was the first company to conduct international certifications for green-building standards (DGNB) in the Ukraine. DELTA estimates that 50 percent of its business operations are sustainable.



Energ Energy Efficiency Engineering (Energ EEE), Serbia

Energ EEE is the first company in south east Europe to be fully dedicated to sustainability and green building certification and implementation. A design, engineering and consulting company, Energ EEE is responsible for execution of leading certified and registered green building projects in Italy, Serbia, Croatia and Montenegro, but also for green building education programs in the region, including Slovenia, Bosnia and Herzegovina, Albania and FYR of Macedonia. Energ EEE undertakes energy efficiency auditing and simulations, commissioning, and had a pioneering role in organizing Serbian industry leaders into the first regional green building council. The company was also one of the key sponsors, organizers and supporters of the first regional green building exhibition and conference – Serbia Green Building Expo. Today, more than 90 percent of Energ EEE's business operations are with sustainable projects.



Ghelamco, Poland

A market leader in sustainable development, Ghelamco's investments have been awarded multiple BREEAM certificates, and the company currently has almost 170,000 square metres of BREEAM certified space. One of Ghelamco's investments, Trinity Park III, was granted the first BREEAM certificate in Poland in 2010. Three years later, with four other BREEAM certificates achieved in the meantime, Ghelamco's T-Mobile Office Park achieved a BREEAM 'Excellent' rating, making a significant footprint on the Polish real estate market. So far six Ghelamco investments have been granted BREEAM certification, securing the company's reputation as a leader in sustainable building. Ghelamco also actively partners with the European Commission's GreenBuilding Program, with four of its investments having been recognized by the program for their sustainable attributes.



Habitech, Italy

Habitech is an Italian private consortium of 300 enterprises, public bodies and institutes of research, representing around 8,000 employees and €1.5 billion in global turnover. Habitech specializes in green building, energy efficiency and sustainable mobility, and is recognized as a leading national centre of excellence in green building by the Italian Ministry of Research. As a technology cluster, Habitech has its roots in R&D, innovation and sustainable practices for all of its 300 members, yet it has triggered a nationwide transformation of the green building industry by founding GBC Italia, supporting innovation projects, creating a specific standard for timber building and leading the sustainable transformation of hundreds of buildings and organizations across the property and construction supply chains. Habitech introduced the LEED certification to Italy, and in seven years, has supported more than 500 green building projects in Italy, including more than 50 LEED projects.



IG Immobilien, Austria

IG Immobilien is a subsidiary company of the Austrian National Bank, and was established to increase the value of the bank's property portfolio. IG Immobilien is focused on sustainability throughout the lifecycle of its self-developed buildings, and each new building project aims for voluntary building certification under the LEED, BREEAM or DGNB systems. IG Immobilien was the first real estate company in Austria to be awarded an ISO 9001 certificate, and the company's management is convinced that setting standards is essential to stable, long-term financial success. IG Immobilien's portfolio includes the first LEED-rated building in Hungary, the first DGNB-rated apartment building in Austria, and the Marina Tower office building in Vienna, which has been awarded with three highest-class certificates – LEED Platinum, BREEAM 'Excellent' and DGNB Gold.



Kinnarps, Hungary

Kinnarps provides interior workspace solutions for offices and public environments. Kinnarps' mission is to create inspiring and efficient working environments that contribute to organizational success. High quality and low environmental impact are the hallmarks of Kinnarps' entire supply chain – from where the raw materials are sourced to the manufacture, delivery and installation of complete furnishing solutions. From eco-playgrounds to exhibition space, Kinnarps is committed to supporting clients with eco-friendly outcomes and educating them on how to live and work more sustainably. Kinnarps 'walks its talk', and operates from one of the first green offices in Budapest, which uses around half the energy of comparable conventional buildings.



Lumar IG, Slovenia

Lumar IG is the leading manufacturer of low-energy and passive prefabricated buildings in Slovenia. The company delivers innovative and environmentally-friendly solutions that can be found around Europe, including in Italy, Switzerland, Germany, Austria and France. Lumar IG has constructed more than 1,500 prefabricated buildings, among which are 50 passive houses and three passive nursery schools. Lumar IG's achievements speak for themselves. Lumar passive houses use eight times less energy than standard-practice houses, and create two tonnes less carbon dioxide each year. The company has acquired more than 15 national and foreign certificates and prizes in the last few years, including the certificate of the German Passivhaus Institute for the passive technology of Lumar Passiv. A number of Lumar houses have achieved energy efficiency awards. Lumar IG's next challenge is to create a prefabricated house that is completely self-sufficient.



Riko Hiše, Slovenia

Riko Hiše d.o.o. manufactures and markets ecological and energy-saving prefabricated wooden constructions, based on its own patent. Riko Hiše has become an internationally-recognized and successful company by delivering low-energy and sustainable individual and multi-residential, as well as public building projects, such as schools, kindergartens, hotels and commercial buildings across Europe. Sustainability is fully embedded in Riko Hiše's policies. Carrying on with the century-long tradition of woodworking fostered by abundant forest resources of Ribnica region, Riko uses locally sourced and certified wood, integrates ecological building components and enables integration of renewable energy equipment into its prefabricated timber buildings. Riko emphasizes the value of ecological materials, healthy living spaces and low-energy and environment-friendly buildings.

BUILDING TRUST



Sika, UK

Sika provides market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing and bonding. In the UK, Sika employs 700 people and turns over €225 million each year. Sika's products and knowledge help to minimize the flow of gases, liquids, heat and cold between cavities and interstices, and bond different materials permanently and powerfully to boost the strength of load-bearing structures and increase their durability. Sika has more than 70 environmental labels, and promotes sustainability along the entire value chain. Sika is currently developing a method to measure product sustainability in line with international lifecycle assessment standards, has implemented a global program to boost safety and efficiency of its use of energy and raw materials, and is introducing new information systems on product safety.



TISHMAN SPEYER

Tishman Speyer, UK

Tishman Speyer is one of the leading owners, developers, operators and fund managers of first-class real estate worldwide. The company considers sustainability from acquisition, fund and asset management, through to ongoing portfolio management and day-to-day building management. By June 2013, 70 percent of company's portfolio in France, or 26,000 square metres, was certified under Haute Qualité Environnementale (HQE). The goal is to reach at least 85 percent within the next two years, representing a further 100,000 square metres. Tishman Speyer now has four of the top 15 HQE certified assets (existing buildings scheme), among which is the LUMIERE complex, the largest private office property in inner Paris composed of five buildings totalling 148,767sqm, each a leader within its class; no other real estate operator has more than one in the top 15 at present. A commitment to sustainability is evident across the region, and today, TSP has certified more than three million square metres of real estate globally, with a further 1.5 million underway.

Excellence in City Policy for Green Building

NOMINEES

Local and regional governments are in a unique and advantageous position to implement green building and urban design policies that can influence sustainability in the building sector. In addition to rewarding leadership, the nominees in this category can inspire other governments to share and replicate best practices in green building policy, and underscore green buildings as a winning strategy to reduce carbon emissions.

Food Growing and Development Planning Advice Note (PAN 06), Brighton and Hove City Council, UK

Brighton & Hove City Council, in partnership with the charitable organisation Food Matters, aimed to promote and provide technical information on incorporating measures to enable food growing in new developments. Growing food in urban settings offers a range of benefits, from better health and community cohesion, to enhanced biodiversity and climate change mitigation. The Planning Advice Note (PAN 06) is the first of its kind in the UK, and applies to individual dwellings as well as high-density residential and commercial development where creative thinking is required to deliver food growing opportunities. From residential aged care to student accommodation, developments are now incorporating

areas for food growing. On average, new residential and mixed use schemes are delivering eight square metres for food growing and half a fruit or nut tree per development. One major central Brighton student accommodation project has proposed 20 square metres of raised beds for food growing, 50 square metres of dedicated area for food growing at ground level and 17 espaliered fruit trees. The provision for on-site food growing is proposed to include planting of productive edible plants such as grape vines, fruit trees, salads and herbs, as part of a green wall and landscaped gardens.



Bold new face of Koprivnica City of Koprivnica, Croatia

Developed by the City of Koprivnica in 2009, Bold New Face of Koprivnica is an ongoing development program which aims to implement local solutions but also influence the regional, national and international community into reconsidering their policies that support sustainability. The primary focus has been on energy-efficient housing, retrofitting existing building stock and introducing sustainable transport options; successful measures have also been implemented in public lighting, wastewater and waste management. The ultimate goal is to transform the City into a sustainable community which provides its

citizens with the best quality of life in the setting of a smaller urban area. Lighthouse projects include the construction of a green neighbourhood of energy-efficient blocks of flats and family houses; a zero emission campus for the future University of Koprivnica; all new buildings constructed to meet EU energy-efficiency standards; and incentives for low-energy buildings financed by private investors. The City of Koprivnica is optimistic that these measures will attract young families, improve education opportunities, and decrease operational costs for home owners and business owners.



EnerGreen-Šentrupert 2025 Municipality of Šentrupert, Slovenia

Implemented in 2010, Municipality of Šentrupert's Vision 2025 is an integrated policy which aims to ensure energy and food self-sufficiency by using local sources. The development model aims to ensure that more money will remain with the local economy, which will be reflected in larger purchasing power, investment and new workplaces. The Municipality's goal is for Šentrupert to be sustainable and self-sufficient by 2025. A collaborative

effort between many governmental and private institutions, the Municipality of Šentrupert policy includes many specific actions focused on a local material – wood. A central plank of the project is the development of an emerging museum, the first of its kind in the world, called The Land of Hayracks. The museum will educate visitors about wood, while new buildings, such as a kindergarten, will showcase the use of wood in contemporary construction.



Award Judges



Paul King

Chief Executive, UKGBC and Chair,
WorldGBC Europe Regional Network

Paul has been Chief Executive of the UK Green Building Council since its launch in 2007. He is Chair of the Zero Carbon Hub, Chair of the Green Construction Board's Buildings Working Group and Chair of the WorldGBC Europe Regional Network. He was previously Director of Campaigns at WWF-UK.



Ursula Hartenberger

Global Head of Sustainability, RICS

Having worked on environmental issues for a number of global organizations, Ursula Hartenberger took on the role of RICS Global Head of Sustainability in 2009 and is responsible for coordinating the organisation's strategic activities in this field, including corporate responsibility, disaster risk reduction and the Strategic Foresight Futures Thinking Program.



Martin Russell-Croucher

Sustainability Director, RICS

Martin qualified as a Chartered Surveyor in 1981 and worked for seventeen years in central government before spending seven years lecturing on the built environment. At RICS, he holds the position of Sustainability Director within the Professional Groups Department where he is working on sustainability related projects covering resource efficiency, embodied carbon and the UK roadmap to a low carbon future.



John Tracey-White

International Sustainable Development Advisor, RICS

John is the International Sustainable Development Advisor at RICS with many years of professional experience in project management. His key areas of expertise are the design, implementation and evaluation of sustainable rural and urban development, with specialization in infrastructure planning and disaster resilience. He also holds an accreditation in building conservation.



Črtomir Remec

President, European Council of Engineers Chambers

Črtomir is the President and founding member of the European Council of Engineers Chambers. He was previously Chairman of the Slovenian Steel Construction Organization (OJK) and a member of the European Convention for Constructional Steelwork Executive Board as well as a national member of the Executive Council of the World Federation of Engineering Organizations (WFEO).



J Owen Lewis

Chair of the Irish Green Building Council, former CEO of Sustainable Energy Authority of Ireland (SEAI)

J Owen is the Chair of the Irish Green Building Council and former Chair of the Architects Council of Europe Sustainability Task Group. He was previously the CEO of Sustainable Energy Authority of Ireland (SEAI) and director of the UCD Energy Research Group. He is a qualified architect and building services engineer and has taught in most EU member states, but also in Jordan, USA and China.



Judit Kimpian

Director of Sustainable Architecture & Research, Aeda R&D

Judit is the Director of Sustainable Architecture & Research at Aedas R&D and has been driving the practice's design approach towards improving the whole-life value of building. Currently, she is the Chair of the Architects' Council of Europe's Sustainability Work Group and has led cross-industry collaborative research projects such as the RIBA|CIBSE platform CarbonBuzz and the Building Performance Evaluations to close the performance gap between design expectations and actual outcomes.

Award Partners



Royal Institution of Chartered Surveyors (RICS)

RICS is the world's leading professional body for setting standards in the surveying industry and provides impartial, expert advice on a wide range of issues pertaining to sustainable development such as land management, mainstreaming sustainable business practices in global real estate markets, construction, the urban environment and capacity building in developing countries. RICS' advice and expertise is based on its members' work, drawing on international experience from across public and private sectors.



European Council of Engineers Chambers (ECEC)

The European Council of Engineers Chambers (ECEC) is a non-profit-making and a non-governmental organization. It represents the professional interests of

more than 300,000 highly-qualified, legally authorized chartered engineers in Europe. Chartered Engineers in the currently 16 ECEC countries are obliged to adhere to the ethical principles of the ECEC Code of Conduct and the ECEC Code of Quality. Securing the quality, safety and sustainability of design and construction is the most important objective of the ECEC.



Architects' Council of Europe (ACE)

The Architects' Council of Europe (ACE) is the European organization representing the architectural profession at the European level. Through its member organizations, ACE represents approximately 480,000 architects. Its principal function is to monitor development at EU level, seeking to influence those areas of EU policy and legislation that have an impact on architectural practice and on the overall quality and sustainability of the built environment.



WORLD GREEN BUILDING COUNCIL

The World Green Building Council is a network of national Green Building Councils in nearly one hundred countries, making it the world's largest international organization influencing the green building marketplace.

The WorldGBC's mission is to strengthen Green Building Councils in member countries by championing their leadership and connecting them to a network of knowledge, inspiration and practical support.

By driving collaboration and increasing the profile of the green building market, the WorldGBC works with its member councils to ensure that green buildings are a part of any comprehensive strategy to deliver a sustainable built environment.



WORLD GREEN BUILDING COUNCIL

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