

III BioEconomic® Conference LEED® Certification
BBB Beyond Building Barcelona - CONSTRUMAT
“Energy Efficiency, Rehabilitation & Green building”



LEED certification® – Leader in Energy Efficiency and Environmental Design
Green Building Certification System.

The business reasons for the fast development of the Sustainable Buildings in Spain will be unveiled, which will show that profitability, the increased value, the less impact on the environment and the welfare of the people obtained are the key to the development of LEED® Buildings.

A holistic approach is required.

- Addressed to:** Hotel chains, Public institutions, Architects, Engineers, Decorators, Constructors, Promoters, Pymes, Rural house, Installers, Shopping managers and the community of owners
- Date:** May the 22nd, 2015
- Schedule:** From 10:30h until 14:00h
- Location:** BBB Beyond Building Barcelona – CONSTRUMAT – Fira Barcelona Gran Via
- Place:** Fira Barcelona Gran Via
- Inscriptions:** Free via BioEconomic web page: www.bioeconomic.es
Free access to BBB Beyond Building Barcelona – CONSTRUMAT 2015: Code UNYU8SND
- Follow us:** @BioLEED @ConstrumatBCN

Join the official hashtag of the II BioEconomic® LEED® Certification Conference **#BioLEED**

“LEED® is a registered trademark of the US green Building Council”

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Presentation

The II BioEconomic® LEED® Certification Conference, held in the **BBB Beyond Building Barcelona - CONSTRUMAT** has the aim to expose, Spread and provide a **global, innovative and cutting-edge insight into the environmental challenge** in the field of sustainability, the economy and the environmental care. The subjects that will be spoken about are based in the key sectors and those of most importance for our current and future economy: **Sustainable Tourism, LEED® Certification, Green Building and the Electric Vehicle.**

BBB Beyond Building Barcelona - CONSTRUMAT & BioEconomic® invites you further away. To boost the construction sector at national and international scale, design, innovation and sustainability as fundamentals. In this Conference you will get to know the certification program for sustainable buildings most prestigious in the world, which recognizes excellence in strategies and construction practices of new buildings, rehabilitation or use phase and lead this change in Sustainability for Hotel Chains, Addressed to Hotel Chains, Tour Operators, Mayors, Municipal Technicians, Architects, Engineers, Decorators, Builders, Promoters, SME, Farmhouses, Installers, Personal Shoppers and Owners Communities.

Rehabilitation and Sustainable Construction

Construction is a very productive sector which also is of major importance. Currently it's involved in a transformation characterized by a paradigm shift generated by different factors: Energy Crisis, Climate Change, loss and a shortage of natural resources and biodiversity and strong population growth in cities. Given these conditions one of the aims of **BioEconomic®** in this conference is to Speedy up the change of the actual construction model towards a scenario where sustainable construction leads, with energy consumption of buildings tending to zero (NZEB) CO₂ emissions neutrality, respect for the environment and high comfort for its occupants.

LEED® Certification

LEED® (Leadership in Energy & Environmental Design) is the most prestigious certification program for sustainable buildings in the world, which recognizes excellence in building practices and strategies in either new buildings, rehabilitation or buildings in use stage. The **LEED®** certificated buildings, regarding a regular building, have less operating costs and a fairly decreased energetic and water consumption (up to 40% less). Furthermore benefit from a globally recognized prestige, allowing them to generate a greater market value, outperformance in its operational stage and providing excellent environmental quality in their areas, thereby improving productivity and employee satisfaction.

Attendants to the **BioEconomic®** Conference will get to know the developments in the sector and share experiences in the Networking prepared.

Furthermore you will get an approach to the philosophy (the how and why) by which the **Avenida Sofia Hotel Boutique & Spa** has obtained the Platinum **LEED** Certification without any increased cost.

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 BioEconomic <small>Conferencia Certificación Edificios Sostenibles LEED</small>	<h2>Schedule</h2>	 B Beyond Building Barcelona Reengineering CONSTRUMAT
10:30h - 10:40h	Attendee's reception. Moderated by <i>Eugenia Claverol, Environmental Technician.</i> <i>Coordinator, M^a Dolors Parera, Renewable Energy Technician</i>	
10:40h - 10:50h	Welcome and presentation by Jaume Domènech Reinoso, Director / Event Director BBB - Beyond Building Barcelona Lluís Morer, Head of the energy efficiency unit of the ICAEN (Institut Català d'Energia)	
10:50h - 11:10h	Excellence in sustainable Hotels, LEED® <i>Speech by Aurelio Ramírez Zarzosa, President and Founder of the Spain Green Building Council, SpainGBC®</i>	
11:10h - 11:30h	(ITC) BT52 Installations for special purposes. Infrastructure for recharging electric vehicles <i>Speech by Patricia Chirivella, Electric Vehicle and Industrial Cabinet Solutions GAMESA Electric</i>	
11:30h - 11:50h	Schlüter-Systems and the Climate Control through pavement associated with Energy Efficiency <i>Speech by Jorge Viebig, SCHLÜTER Systems manager</i>	
11:50h - 12:10h	The facade as a first Energy Control in Buildings <i>Speech by Alex Català Morell, SOMFY's Project Manager</i>	
12:10h - 12:30h	Benefits and rentability of the LEED® Certification, Sustainability in Architecture. <i>Speech by Julio Bermejo, LEED AP BD+C Architect – Partner and Project Manager, Arquitectura Ambiental</i>	
12:30h - 12:50h	Sustainable architecture with innovative Cosentino products. Eco by Cosentino <i>Speech by Antonia Maria López, COSENTINO Group</i>	
12:50h – 13:10h	Very high efficiency ventilation: Application example in hotels and buildings <i>Speech by Josep Castellà Vilà, ZEHNDER's Group Ibérica IC Technical Director</i>	
13:10h - 13:30h	How to improve the competitiveness of the facilities through Biomass. <i>Speech by David Merino, Nova Energía Group's Commercial Manager</i>	
13:30h - 13:50h	Avenida Sofia Hotel Boutique & Spa, Sitges, 1st Hotel with Platinum LEED® Certification in Europe <i>Speech by Rafael Silva, Managing Director, Avenida Sofia Hotel Boutique & Spa y Hotel San Sebastián</i>	
13:50h - 14:00h	Closing by <i>Aurelio Ramírez Zarzosa, President – Founder of Spain Green Building Council, SpainGBC®</i> <i>Sebastià Parera, Manager of BioEconomic</i> Networking	

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LEED® Certification

It is characterized for providing an assessment of the sustainability of the building. Assessing their impact on these main areas:

Sustainability

Respect the limits of natural systems and non-renewable resources in the search for solutions that produce an abundance of natural and social capital.

Equity

Respect for all communities and cultures, and aim at equal socio-economic opportunities for all.

Integration

Practice and promote openness, broad participation and full consideration of the importance of all aspects in the processes of decision making.

Progress

Strive for the immediate and measurable indicators of environmental, social and economic prosperity.

Connection

Recognizing the fundamental link between humanity and nature, and the importance in making decisions based on the site for effective administration.

Why green building?

DID YOU KNOW THAT BUILT ENVIRONMENT HAS A PROFOUND IMPACT ON NATURE, ECONOMY, HEALTH AND PRODUCTIVITY?

Buildings are responsible for nearly:

- 36% of the total energy use
- 65% of the electricity consumption
- 30% of the Greenhouse Gases emissions
- 30% of the raw materials usage
- 30% of the waste going to landfill
- 12% of the potable water used

There are available major scientific and technological advances to be used by designers, builders and homeowners who want to build sustainably and maximize both the economic and environmental efficiency as well as providing a better welfare.

Environmental benefits:

- Enhance and protect ecosystems and biodiversity
- Improve the quality of air and water
- Reduce solid waste
- Preserve natural resources

Economic benefits:

- Reduction of operating costs
- Increase on asset value and profits
- Improve productivity and employee satisfaction
- Optimize the efficiency of the economic life cycle

Wellness and community benefits:

- Improvements for the environment; acoustic, thermal and atmospheric
- Enhance the welfare and comfort of the occupants and those around
- Minimised demand on public infrastructure
- Contribute to overall quality of life

LEED®, the sustainable buildings classification system "Leadership in energetic efficiency and design" is a standards system internationally accepted for sustainable buildings by the members of the USGBC.

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