Green Building & City Solutions Awards 2016:
10 winners to disseminate the best practices for sustainable cities

During the COP22 in Marrakesh, Construction21 announced, on November 14th, the international winners of the 4th edition of the contest. This year, seven buildings and three eco-districts received an award for their remarkable solutions that will inspire the sector and its mutations.

129 candidates aiming to promote a sustainable future
104 buildings and 25 eco-districts from all over the world competed in this edition. To determine the winners, 57 experts were mobilized during the national phase of the contest, then during the international phase. Thousands of professionals also voted online.

One year after the Paris Agreement, it’s time for action!
The 22nd International Conference on Climate is meant to be the COP of action, where leaders of the world need to define the tangible means to implement the Paris Agreement. The Green Building & City Solutions Awards 2016 are part of this international dynamics by disseminating innovations and practices contributing to contain global warming.

En partenariat avec

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The winners of the Green Building Solutions Awards

Energy & Temperate Climates

CoRI – Paint it Green
Office Building
Limelette, Belgium
Contractor: CoRI
Architect: Hélium3
Engineering Consultancy: Arcadis

Edificio Zaramaga
Vitoria – Gasteiz, Spain
Contractor: UTE Lagungeta-Reyco
Architects: Luz y Espacio Energía Arquitectura, IMV Arquitectos

Taft School Faculty Home
Watertown, United States
Contractor: Taft School
Architect: Trillium Architects
Construction company: BPC Green Builders

Energy & Hot Climates

Casa di Luce
Collective housing
Bisceglie, Italy
Contractor: Pedone Working
Architect: Pedone Studio
Construction company: Pedone Working

Siège du parc national de Guadeloupe
Basse-Terre, Guadeloupe, France
Contractor: Parc National de Guadeloupe
Architects: Atelier 13, ACAPA
Engineering consultancy: A2E, BIEB, Robert Célaire Consultant, EQUINOXE

Low Carbon

Kaza Eco-Community Centre
Community building
Himachal Pradresh, India
Contractor: Spiti Projects
Architect: Auroville Earth Institute

Administration of nature and forests
Diekirch, Luxembourg
Contractor: Administration de la nature et de la forêt
Architect: Morph4 Architecture, Atelier B
Engineering consultancy: Daedalus Engineering, Enerventis Lux, E3 Consult, IFES

Smart Building

Agua
Immeuble de bureaux
Toulouse, France
Contractor: Eurosic
Architect: CDA Architects

CoRI – Paint it Green
Limelette, Belgium
Contractor: CoRI
Architect: Hélium3
Engineering Consultancy: Arcadis

HSB Living Lab
Gothenburg, Sweden
Contractor: Akademiska Hus
Architect: Tengbom
Engineering consultancy: Bengt Dahlgren, Johanneberg, Science Park

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Discover the winners in videos!

Each Green Building & City Solutions Awards winner was offered by Construction21 a video presenting their realisation and its most remarkable solutions. Browse these videos on Construction21 platforms and share them with your colleagues!

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The Green City Solutions Awards winners

**Smart City**

**Fort d’Issy**
Issy-les-Moulineaux, France
*Contractor:* City of Issy-les-Moulineaux
*Architect Urban Planner:* Architecture Studio
*Developer:* Bouygues Immobilier

**Smart City Pamplona**
Pamplona, Spain
*Contractor:* City of Pamplona
*Developer:* SUR Smart Urban Regeneration

**Smartseille**
Marseille, France
*Contractor:* Euroméditerranée
*Developer:* Eiffage
*Engineering consultancy:* Amplify

**Sustainable City Grand Prize**

**ZAC Clichy Batignolles**
Paris, France
*Contractor:* City of Paris
*Architect:* Grether Atelier
*Landscaper:* Atelier Osty
*Contractor assistance:* Une autre ville

**Tafilelt Tajdite City**
Ghardaïa, Algeria
*Contractor:* Fondation Amidoul
*Developers:* Dr. Ahmed Nouh, Moussa Amara

**Users’ Choice City**

**Tafilelt Tajdite City**
Ghardaïa, Algeria
*Contractor:* Fondation AMIDOUL
*Developers:* Dr. Ahmed Nouh, Moussa Amara

**Taghazout Bay**
Taghazout, Morocco
*Developer:* Société Aménagement & promotion de la Station de Taghazout
*Coordinator:* ALMOD

**Smartseille**
Marseille, France
*Contractor:* Euroméditerranée
*Developer:* Eiffage
*Engineering consultancy:* Amplify

Construction21 launches a 3rd observatory for « Infrastructures & Urban Services »

All around the world, local governments and companies create innovative and tangible solutions for low carbon urban services. How to disseminate to the sector the good ideas invented by pioneers? After buildings and eco-districts, Construction21 provides professionals with a third database of exemplary infrastructures, to stay informed and develop their markets.

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Nearly 60 experts in building and sustainable city topics were mobilized and passionately debated to select the winners of the Green Building Solutions & City Awards in each country and internationally.

**International juries’ Presidents**

- **Abdellatif TOUZANI**  
  Sustainable Construction and Sustainable Renovation Grand Prizes  
  Ecole Mohammadia d’Ingénieurs

- **Ana CUNHA**  
  Energy & Temperate Climates Jury  
  Deerns

- **Dr. Brahmanand MOHANTY**  
  Energy & Hot Climates Jury  
  Asian Institute of Technology (AIT)

- **Arlin MORALES**  
  Low Carbon Jury  
  Green Planet Architects

- **Paula RIVAS**  
  Smart Building Jury  
  Green Building Council Espana (GBCE)

- **Taoufik SOUAMI**  
  Smart City/Sustainable City Grand Prize Jury  
  Laboratoire Techniques Territoires et Sociétés (LATTS)

**International jurors**

- **Mohammed Ahachad**, Faculté des Sciences et Techniques de Tanger
- **Arturo Alarcon**, Asociación Española de Normalización y Certificación (AENOR)
- **David Albertani**, R20
- **Carlos Andres Arredondo**, Universidad de Medellín
- **Cédric Borel**, Institut Français pour la Performance du Bâtiment (IFPEB)
- **Li Deying**, Chinese Association of building Energy Efficiency (CABR)
- **Alain Dubruille**, Consultant bâtiments outremer
- **Marco d’Egidio**, Associazione Nazionale Costruttori Edile (ANCE)
- **Maïta Fernández Armesto**, UN Habitat
- **Angie Fyfe**, Local Govenments for Sustainability (ICLEI)
- **Anne Girault**, Agence Parisienne du Climat (APC)
- **Emmanuel Gloumeau**, Green Actitud
- **Luis Felipe Lalinde Castrillón**, Universidad de Medellín
- **Mario Alberto Luna del Risco**, Universidad de Medellín
- **Benoit Martin**, COCERT
- **Nourredine Yassaa**, Centre de développement des énergies renouvelables
- **Ignasi Pérez Arnal**, Biomimetic Summit
- **Francis Schwall**, Neobuild
- **Josep Solé**, URSA Insulation
- **Mahi Tabet Aoul**, Centre de recherche en Anthropologie Sociale et Culturelle (CRASC)
- **José Antonio Tenorio**, Consejo Superior de Investigaciones Científicas (CSIC)
- **Carole Vilet**, Arcame

**Winners Brochure available for download!**

Re-live the Green Building Solutions & City Awards 2016 by consulting the brochure in French or English. Photos, information on buildings, eco-neighborhoods and sponsors ... find all the key points of the contest by download or in printed form on simple request.
Green Building & City Solutions Awards partners
The competition is organized by the Construction21 network with the support of ADEME. Many partners, French or international, are also promoting the competition with their own networks in France and abroad. Also, companies committed to fighting against climate change, have joined the competition, supporting category echoing their own action against climate change.

Organizations powering the competition

The Green Building Solutions & City Awards are organized by Construction21 chapters, non-profit organizations that drive their Construction21 national platforms, and our Awards partners, contest co-organizers in their country.

Sustainable Construction Grand Prize Sponsor

BNP Paribas Real Estate, a leading real estate services company on an international scale, is offering a full range of services that span the entire life cycle of real estate: Promotion, Transaction, Advisory, Valuation, Property Management and Investment Management. With 3,800 employees, BNP Paribas Real Estate offers its clients its knowledge of local markets in 36 countries (16 direct locations and 20 more through its network of alliances that now represents more than 3,200 people) with more than 180 offices. BNP Paribas Real Estate is a subsidiary of BNP Paribas.

Support to the Awards and climate commitment
As a company covering the entire real estate life cycle, we consider at BNP Paribas Real Estate that our responsibility is to bring to the real estate sector our vision for the future sustainable city. Our lifestyle changes; new technologies influence our behaviour and make exchanges more fluid. The city must adapt to these changes and involve all actors.

We take these developments into account in our product and services, so they are more efficient on an energy plan and also better for the environment and its users. It is this vision that we want to enrich and share supporting Construction21 and the competition of Green Building & City Solutions Awards.

Sustainable Renovation Grand Prize Sponsor

Rabot Dutilleul was founded in 1920. All along the years and with acquired experiences, the company developed in complementary sectors related to the construction world, hence gaining almost full control over the real estate chain of value. As an independent international family company in development and construction, Rabot Dutilleul currently counts among the 10 biggest French actors in construction. The company cultivates values based on collective performance with its 1,850 collaborators and on long-term relationships with its partners. The Rabot Dutilleul group is present in France, Belgium and Poland.

Support to the Awards and climate commitment
Sustainable construction requires to manage energy efficiency in buildings. Rabot Dutilleul didn’t wait to follow this approach, as many projects can testify, and pushes it further to achieve excellency with the expertise of its Pouchain subsidiary, specialized in electric and climatic engineering. The Rabot Dutilleul Group deploys several processes to push forward the eco-design, without ever losing sight that the best building is the one in which the users feel the best.

Rabot Dutilleul structures its development on a strong environmental approach: design and construction of low energy buildings (BBC), HQE certified projects, CO2 assessment of it activities and a CSR action plan. This approach allows the Group to renew its offer always watching its markets and environment.
Major international player in construction chemistry, ParexGroup operates in 21 countries with 67 production sites and brings together more than 3,900 employees worldwide. In France, ParexGroup S.A. is strongly established with six production sites and a Research & Development and training center internationally oriented. ParexGroup provides complete solutions for protection, decoration, insulation and renovation of facades, sealing, maintenance and repair of concrete structures, floor coverings and tiling.

Focusing developments over the long term, ParexGroup aims to contribute in advancing the construction with innovative solutions and services and to be the partner in its markets as in the local economic and social structure around its sites.

**Support to the Awards and climate commitment**
To meet the many environmental, social and societal challenges, ParexGroup committed for several years in a voluntary and collective approach of sustainable development: «Building Responsible». Essential actor in the field of new construction and renovation of buildings and civil engineering works, ParexGroup aims to make the construction progress pursuing a policy of product innovation and services increasingly demanding.

ParexGroup participates actively in the revolution of the thermal control in the home thanks to its external thermal insulation offer, the most complete of the market. Adapted to the individual home or for collective use, it contributes to reduce greenhouse gas emissions. It is in this spirit that ParexGroup decided to support the category «Energy & Temperate Climates» of the Green Building Solutions Awards 2016, to help highlight the experiences and the most interesting solutions.

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**Sustainable City Grand Prize Sponsor**

Eiffage is one of Europe’s leading construction and concessions companies. The Group’s activities are organised on the basis of the following business lines: construction, real estate, civil engineering, metal, roads, energy and concessions.

Thanks to the experience of more than 64,000 employees, Eiffage generated revenues of €13.9 billion in 2015, including 19% outside France.

**Support to the Awards and climate commitment**
Eiffage stands out in France and in the world by its exceptional diversity of skills and technical expertise. The Group operates through the construction trades, civil engineering, metal, road, energy and concessions.

From Phosphore, its prospective laboratory on sustainable cities, to Urbainable®, digital tool of urban design, Eiffage innovates to build a sustainable future. After several participations at the GBS Awards, Eiffage is sponsoring this year the Green Building & City Solutions Awards and the new Construction21 database «Infrastructures & urban services».

The Group wishes to share, with the entire community related to construction and sustainable city, its exemplary achievements from these reflections, both in land and real estate which build the new face of cities, as in infrastructure that connects them.

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**Users’ Choice Building Sponsor**

Born from the merger of Ciments Luxembourgeois and Matériaux S.A., CIMALUX, producer and distributor of cements and aggregates, has been a loyal partner to all construction actors from the Great Region (German-speaking community of Belgium, Lorraine, Luxembourg, Rhineland, Saarland, and Wallonia) for 100 years.

CIMALUX offers reliable commercial and technical services, with a long-term vision of the sector, economically, socially and environmentally. Our cement factory is located at the crossroads of the great highway axes of Luxembourg, in Esch-sur-Alzette. We are hence directly connected to France, Belgium and Germany. We benefit from an important multimodal logistics hub connecting us to the European railway network.

**Support to the Awards and climate commitment**
CIMALUX produces 7 qualities of cement (Portland cement, Portland slag cement, and blast furnace cements) meeting every European standards along with NF and BENOR certifications. Our main raw material, the clinker, is produced in a rotary kiln in our plant in Rumelange, from limestone and marl extracted in our French-Luxembourghian quarry. Our sales and logistics services along with our support department are located at the heart of our production site in Esch-sur-Alzette.
Among leading panafrican financial groups, BMCE Bank of Africa is a universal and multiprofession banking group, representing various sectors of intervention: commercial banking, investment banking and specialised financial services such as leasing, factoring, consumer credit and recovery.

Today, BMCE Bank of Africa is the most internationally oriented Moroccan banking group, with more than 30 locations in Africa, Europe and Asia. The group employs more than 13,000 collaborators around the world, with 1,300 agencies serving around 5.5 million of clients.

Support to the Awards and climate commitment
The CSR approach of BMCE Bank of Africa is transversal, covering all of its activities. Its step-by-step implementation, was structured around the ISO 26 000 norm and its 7 core questions.

Today, BMCE Bank of Africa continuously integrates social and environmental risks in its activities, through a Social and Environmental Management System (SEMS) allowing to anticipate and manage those risks, while ensuring the promotion of Sustainable Investments toward the customers, such as the funding line for Energy Efficiency MorSEFF, implemented with BERD.

As for direct impacts, an Environmental Management System (EMS), ISO 14001 certified, covers the following topics: consumptions (water, electricity and paper), rejects (waste, gas, transports, etc.) and potential accidents. We also implemented and followed a HQE (High Environmental Quality) approach for the construction of our new headquarters in Bouskoura, Morocco. BMCE Bank of Africa also supports entrepreneurship with the African Entrepreneurship Award, a 1 million dollar award for panafrican entrepeneurs rewarding project holders in domains such as education or environment. We support the Entrepreneurship Observatory, the organiser of training seminars for entrepreneurs, in order to accompany Moroccan businesses at each step of their lives.

Created in 1828, Bureau Veritas is a global leader in Testing, Inspection and Certification (TIC), delivering high quality services to help clients meet the growing challenges of quality, safety, environmental protection and social responsibility. We assist them all along the lifecycle of their assets and products and in the continuous improvement of their processes and management systems, to increase their performance. Sustainable development is at the core of our activities since 1828. Bureau Veritas is a true actor in social responsibility, answering to the needs of society with innovative services contributing to a safe and sustainable development. Bureau Veritas core values include integrity and ethics, impartial counsel and validation, customer focus and safety at work.

Support to the Awards and climate commitment
In Morocco, Bureau Veritas is a leader for sustainable construction. We accompanied most of the HQE certified housing projects and the first HQE certified industrial park in Africa, built in Morocco.

Our services also cover technical audit of construction, thermal testing of buildings and carbon audit and green site labellisations.

About Construction21.org
As the social media for sustainable buildings and cities, Construction21 disseminates free information and best practices for sustainable development among actors of the building and city sectors. Since 2012, Construction21 offers an international benchmark of 1,200 exemplary buildings and solutions, accessible in each local language and in English. Since 2015, the platform also features a database for districts and urban solutions, City21. A third database dedicated to infrastructures and urban services was launched at the COP22, on November 14th, 2016.

The 11-platform network Construction21 is both local and global. Each national platform is managed by a not for profit organisation involved in the promotion of sustainable building & city in their country. The Construction21 network counts 10 national platforms in Algeria, Belgium, France, Germany, Italy, Lithuania, Luxembourg, Morocco, Romania and Spain. An 11th international platform in English, is directly connected to BUILD UP, the site of the European Commission for energy efficiency in buildings. Construction21 aims to deploy 50 platforms and draw 10 million of visitors by 2020, starting with China.