Winners of the Green Solutions Awards 2017

The international winners of the 2017 edition of the Green Solutions Awards were revealed on November 15th in Bonn, during the COP23. The winning teams received their prize before professionals from across the globe in a ceremony at la Galerie by WE. The buildings, districts or infrastructures participating in the competition demonstrated that building cities differently is possible.

A ceremony connected to the COP23

The competing pioneering realisations are broadly disseminated, along with their best practices, toward professional around the globe, hence contributing to build a low carbon society. This is a very concrete way to contribute to the Paris Agreement voted in the COP21.

Many personalities from the environment and construction sectors attended the ceremony, including Walloon Budget Energy and Climate Minister Jean-Luc Crucke; François Moisan, Executive Director for Strategy, Research & International Affairs, and Christophe Nuttall, Executive Director of R20-Regions of Climate Action.

The Awards unveil trends in the sector

In total, 150 candidates from 19 countries competed in the 2017 edition of the Green Solutions Awards. After the first qualification phase, punctuated by national distinctions in September in each Construction21 country, 59 national champions were still in the race for the international finals.

The realisations rewarded by the contest constitute a source of inspiration for all professionals working in the building and city sectors. They demonstrate how to decarbonize our societies, either by using local resources in short supply chains, or reinvented traditional technics or cutting-edge technologies, or even by creating a true intelligence for the building and its systems, or by searching new sources of energies. Most of all, the awarded pioneering projects showed that they could integrate the human aspect as a central factor of their sustainability.
Learn more about the winners:

**Sustainable City Grand Prize**

**International winner**

**Cité du Centenaire**
Montignies-sur-Sambre, Belgium

- Contractor: La Sambrienne
- Architect: Startech Management

Watch the Cité du Centenaire video

2nd place - **Virtual City of Zero Energy House**
Tomiya, Japan

Contractor: Sekisui House LTD

**Sustainable Infrastructures Grand Prize**

**International winner**

**Filtering Gardens®**
Ilha do Bom Jesus, Rio de Janeiro, Brazil

- Contractor: L’Oréal
- Dealer/Manager: Phytorestore Brasil
- Builder: Afonso França Engenharia

Watch the Filtering Gardens® video

2nd place - **Thassalia, France's first marine geothermal power plant**
Marseille, France

Contractor: Patrick Berardi; Dealer/Manager: Engie-Thassalia; Builder: Engie-Thassalia
International winner

**BSolutions**

*Gemblioux, Belgium*

- Contractor: B Solutions
- Architect: B Solutions
- Builders: Cobelba
- Engineer Consultancy: B Solutions

Watch the B Solutions video

2nd place - **Lycée international de l'Est parisien**

*Noisy-le-Grand, France*

**Contractor:** Région Île-de-France – Unité lycée (Mandataire: SAERP)  
**Architect:** Ateliers 2/3/4/;  
**Builders:** CBC GTM, Balas, Blanchard, Solstycé, Tuvaco;  
**Engineering consultancy:** SAS Mizrahi, Éléments ingénieries, Peutz et Associés

3rd place - **Post-Disaster Reconstruction of research center for Giant Panda**

*Abe Tiebetan, China*

**Architect:** Sichuan Institute of Architectural Design;  
**Engineering consultancy:** CABR Architecture Design Institute, Beijing  
University of Civil Engineering and Architecture;  
**Sustainable development consultancy:** Sichuan Wolong National Nature Reserve Administration
**Sustainable Renovation Grand Prize**

**International winner**

**Projet 55**

*Mons, Belgium*

- Construction manager: Homeco
- Architect: Bachelart-Delvigne Architects
- Engineer Consultancy: Homeco

Watch the Projet 55 video

---

**2nd place - Retrofit of Hongqiao International Airport**

*Shanghai, China*

**Contractor**: Shanghai Airport; **Builder**: East China Construction Group Co., Ltd; **Engineer Consultancy**: East China Architectural Design and Research Institute Co., Ltd

---

**3rd place - 55 Amsterdam**

*Paris, France*

**Contractor**: GECINA; **Architect**: Agence Naud & Pouz; **Builders**: Aquae, Viessmann; **Engineering consultancy**: Egis, LTA, CEEF, Impact acoustique, Végétude
Energy & Temperate Climates

International winner

Kirstein & Sauer
Bielefeld, Germany
- Contractor: Kirstein & Sauer GmbH
- Architects: Architekten Wannenmacher + Möller GmbH
- Engineer Consultancy: Solares Bauen GmbH

Watch Kirstein & Sauer video

2nd place - Biodiversum
Remerschen, Luxembourg
- Contractor: Administration Bâtiments Publics; Construction manager: SGI Ingenieure Junglister; Engineer Consultancy: BETIC S.A.

3rd place - La Vil-la Urània: complejo de equipamientos públicos
Barcelona, Spain
- Contractor: BIMSA (Barcelona Infraestructuras Municipales); Construction manager: UTE Dragados-Acsa Sorigué; Architect: UTE SUMO arquitectes SLP; Builder: AIa Instal Lacios Arquitectoniques; Engineering consultancy: Dekra, Q estudi.
- Presupuesto y mediciones: Facility manager: Vlading
International winner

School of Bois d’Olives

Saint-Pierre de la Réunion, France

- Contractor: Commune de Saint-Pierre
- Architect: Antoine Perrau Architectures
- Engineering consultancy: Leu Réunion, GECP, BET AIR, CREATEUR

Watch the School of Bois d’Olives video

2nd place - IME Yepi Kaz

Remire Montjoly, French Guyana, France

Contractor: Apajh Guyane; Assistance to the contracting authority: CED Guyane; Builder: B2TG; Architect: ACAPA; Engineering consultancy: Robert Célaire Consultants, ACAPA, Alter

3rd place - Teaching and research complex of traditional Chinese medicine

Guangdong, China

Contractor: Guangdong Provincial Hospital of Traditional Chinese Medicine; Engineering Consultancy: Guangdong City Building Science Research Institute Co., Ltd
International winner

**Maison des Yvelines - Nubian Vault**

*Ourossogui, Senegal*

- Contractor: Conseil Général des Yvelines
- Construction manager: ONG Le Partenariat
- Architect: AL-MIZAN Architecture
- Technical expertise: Association La Voûte Nubienne
- Structure: Habitat Moderne

Watch the Maison des Yvelines video

---

2nd place - **Student Residence 421**

*Bonn, Germany*

Architect: Raum für Architektur; Contractor: Projekt 421 GbR; Manufacturer: Isocell
International winner

**CNPC Headquarters**

*Beijing, China*

- Contractor: China National Petroleum Corporation (CNPC)
- Facility Manager: PetroChina Sunshine Property Management

[Watch the CNPC Headquarters video](#)

2nd place - **Oficina de Triodos Bank en Málaga**

*Malaga, Spain*

**Contractor**: Triodos Bank N.V España; **Construction manager**: Altava

3rd place - **Brock Environmental Center**

*Virginia Beach, United States*

**Contractor**: Chesapeake Bay Foundation; **Delegated project management**: Skanska; **Architect**: SmithGroupJJR; **Builder**: Hourigan. Construction: **Engineer Consultancy**: Janet Harrison Architect
International winner

Ampère e+

Courbevoie, France

- Contractor: SOGEPROM
- Builder: SCO
- Architect: Ateliers 2/3/4/
- Engineering consultancy: INEX, Arcora, Peutz, Etamine
- Innovation consultancy: Green Soluce

Watch the Ampère e+ video

2nd place - Office building of Dongguan Eco-Park Holding CO, LTD

Dongguan, China

Contractor: Dongguan Ecological Park Holdings Limited;
Architect: South China University of Technology Architectural Design and Research Institute; Engineer Consultancy: Beijing Tsinghua Tongheng Planning and Design Institute Co., Ltd.