Green Solutions Awards 2019: Discover the selection of all countries

After France, the other chapters of the Construction21 networks have lifted the veil on the winners in their country! A victory that is in fact double, since a qualification for the international phase comes with a national award.

Juries of experts, chosen worldwide and divided into the different categories, now have the difficult task of analysing the finalist projects, in order to ultimately select the winning buildings, districts and infrastructures for the Green Solutions Awards.

These international winners will be announced and promoted at Batimat on the 4th of November, at a ceremony that will bring together pioneers in sustainable construction from China, the Maghreb, Africa and all over Europe. This major event will be a real opportunity to highlight innovative and replicable solutions.

The Awards, a first national step

By applying, project holders publish their projects on the Construction21 platform corresponding to their geographical location. Buildings, districts, infrastructures: they then choose the category that best suits them.

Each Construction21 chapter organises its juries with experts who are well acquainted with their national ecosystem, as well as an online vote to determine the Users’ Choice.

Projects whose country is not yet covered by the network are all published on the international platform. Through the same process, a special jury is set up to determine the best projects. There again, professionals are mobilised for an online voting campaign.

A total of 192 applications were received, representing 37 different countries.

With the support of
The winners highlighted on Construction21 and social media

In some countries were Construction21 is present, national winners are announced at an official ceremony. This is the case, for example, for the EMC Cluster, which manages Construction21 Morocco, CAP Construction for Belgium and for Construction21 France. These events, which bring together many local professionals, are a prime forum for award-winning project holders, partners and jurors alike.

And all candidates benefit from visibility on all Construction21 websites and social media. In 2018, 4 million views on all different channels were generated by the contest.

You will find below all the 2019 national Green Solutions Awards winners, with the exception of the French projects (which have already been announced at the end of September).

International phase: when the champions finally meet

Once they are crowned champions in their category and in their country, the projects qualify for the international final. There, once again, juries are organised with the recruitment of connoisseurs from the construction and city sectors at the global level.

In addition to the thematic buildings awards (Health & Comfort, Low Carbon, Energy & Temperate Climates and Energy & Hot Climates), four Grand Prizes are awarded: Sustainable Construction Grand Prize, Sustainable Renovation Grand Prize, Sustainable District Grand Prize and Sustainable Infrastructure Grand Prize.

The four concerned project holders will win a video describing their exemplary project. Discover the videos of the 2018 winners

Join us on November 4 at 11am Batimat to discover the winners

The international winners will be revealed on the 4th of November at Batimat, the international trade fair for professionals of the construction industry.

200 people from Asia, Africa, Europe and even South America will meet in the same place to discover these innovative projects: partners of the competition, jurors, candidates, members of the Construction21 network...

Replicated on a large scale, those projects have a real capacity to reduce our carbon emissions and global warming.

Attend the ceremony too! And if you want to interview some project holders or experts, we can put you in contact. More information and registration

Discover the winners below
Discover the “Districts” winners

Sustainable Districts Grand Prizes

**Winner: Simmering Smart City /** Vienna, Austria

Project holder: City of Vienna, MA 25 Urban Renewal
Developers: BWSG; Stadt Wien, Wiener Wohnen
Operators: Kelag Energie und Wärme; Wiener Stadtwerke; Österreichische Post AG; Sycube
Others: Siemens AG; Austrian Institute of Technology (AIT)

This project won the Sustainable District Grand Prize of the international platform and qualifies for the final.

**Winner: Reconfiguration of the Fontainas islet /** Brussels, Belgium

Project holder: Ville de Bruxelles – Régie foncière
Designer: B612 Associates
Technical consultancy agencies: OLM Paysagistes; NEY & Partners; MK Engineering

This project won the Belgium Sustainable District Grand Prize and qualifies for the final.

**Winner: Guangzhou Nansha Lingshan Island Area /** Guangzhou, China

- Guangzhou Nansha New District Mingzhu Bay Development and Construction Administration Bureau
- China Academy of Building Research
- South China University of Technology

This project won the China Sustainable District Grand Prize and qualifies for the final.

These projects were also honoured by their national jury:

**Special mention**

**Skolkovo Innovation Centre – District 11 /** Skolkovo, Russia

Project holder: OOO DAS SKOLKOVO
Designer: Agence d’Architecture A. Bechu & Associés

Exceptionally, this project was qualified for the final by the jury of the international platform.

**Special mention**

**New residences of Barrio 31 /** Buenos Aires, Argentina

Project holders: Secretariat of Social and Urban Integration, Presidency of Cabinet of Ministers, Government of the City of Buenos Aires
Other: Gobierno de la Ciudad Autónoma de Buenos Aires

Exceptionally, this project was qualified for the final by the jury of the international platform.

Press contact: Alexia Robin info@construction21.org +33 (0)1 56 26 90 04
Discover the “Districts” winners

Users’ Choices: Districts

**Winner: Master Plan of Sports & Recreational Equipment /**  
Bogota, Colombia

Project holder: ALCALDIA MAYOR DE BOGOTÁ  
Construction manager: IDR D INSTITUO DISTRITAL DE RECREACION Y DEPORTE DE BOGOTA D.C.

*This project won the District Users’ Choice Award of the international platform and qualifies for the final.*

**Winner: Tivoli Greencity-Greenbizz /**  
Brussels, Belgium

Project holder: Tivoli Parbam  
Construction manager: PARBAM (Pargesy-Kairos, membre du Royal BAM Group) + citydev.brussels

*This project won the Belgium District Users’ Choice Award and qualifies for the final.*

**Winner: Pazhou West Area /**  
Guangzhou, China

Construction company: South China University of Technology  
Project holders: Administration Committee of Pazhou Exhibition & Convention, Headquarters and Internet Innovation Industry Cluster, Guangzhou

*This project won the China District Users’ Choice Award and qualifies for the final.*
Discover the “Infrastructures” winners

**Winner: Mijnwater /**
Heerlen, Netherlands

Project holder: Mijnwater BV
Builder: Mijnwater BV
Manager / Dealer: Mijnwater BV

*This project won the Sustainable Infrastructure Grand Prize of the international platform and qualifies for the final.*

**Winner: Vivegnis Footbridge /**
Liège, Belgium

Project holder: City of Liège
Builder: Stabilame sa; Serbi sa; TMI sprl
Manager / Dealer: City of Liège
Manufacturer: NEY & Partners WOW

*This project won the Belgium Sustainable Infrastructure Grand Prize and qualifies for the final.*

**Winner: International Horticultural Exhibition /**
Beijing, China

Project holder: Beijing International Horticultural Exhibition Coordination Bureau
• China Academy of Building Research

*This project won the China Sustainable Infrastructure Grand Prize and qualifies for the final.*

These projects were also honoured by their national jury:

**Special mention**

**Changyuan river wetland natural park /** Qixian, China

Project holder: Qixian District
Construction managers: Phytorestore; IPPR
Manager / Dealer: Management Committee of the Changyuan River Wetland National Park
Funding: Agence française de développement

*Exceptionally, this project was qualified for the final by the jury of the international platform.*

**Special mention**

**Wastewater treatment plant /**
UN-camp Kidal, Mali

Project holder: Ministers of Defense of the Netherlands
Builder: The MasterMind Company
Manager / Dealer: J.H. Wissink

Press contact: Alexia Robin info@construction21.org +33 (0)1 56 26 90 04
Discover the “Infrastructures” winners

Users’ Choices: Infrastructures

**Winner: Manono /**
Manono, Democratic Republic of Congo

Project holders: **Compagnie nationale d’électricité SNEL**
Builders: **Enerdeal; Groupe Forrest**

*This project won the Infrastructure Users’ Choice Award of the international platform and qualifies for the final.*

**Winner: Vivegnis Footbridge /**
Liège, Belgium

Project holder: **City of Liège**
Builder: **Stabilame sa; Serbi sa; TMI sprl**
Manager / Dealer: **City of Liège**
Manufacturer: **NEY & Partners WOW**

*This project won the Belgium Infrastructure Users’ Choice Award and qualifies for the final.*

**Winner: International Horticultural Exhibition /**
Beijing, China

Project holder: **Beijing International Horticultural Exhibition Coordination Bureau**
• **China Academy of Building Research (CABR)**

*This project won the China Infrastructure Users’ Choice Award and qualifies for the final.*

Press contact: Alexia Robin info@construction21.org +33 (0)1 56 26 90 04
Discover the “Buildings” winners

**Winner: PopUp Dorms /** Vienna, Austria
Contractor: WBV-GPA
Construction manager: Obermayr Holzkonstruktionen GmbH
Environmental consultancy: LANG Consulting
Designer: F2 Architekten

Others: OeAD Housing Office; home4students

*This project won the Sustainable Construction Grand Prize of the international platform and qualifies for the final.*

**Winner: Autonomous House B /**
Bouskoura, Morocco
Contractor: Oualid Belakbil
Construction manager: Archibionic-Myriam Soussan et Laurent Moulin architectes
Manufacturers: Orienatelier Menuiseries bois; Menuiserie acier El Amri; Argilex

*This project won the Morocco Sustainable Construction Grand Prize and qualifies for the final.*

**Winner: Tivoli-Greencity /**
Brussels, Belgium
Contractor: PARBAM (Pargesy-Kairos, membre du Royal BAM Group) + citydev.brussels
Construction manager: ADRIANA-AM (Cerau, Atlante, Atelier 55, YY Architecture, paysage Eole)
Manufacturer: BAM Contractors – Jacques Delens – BPC
Acoustic consultancy agency: Venac
Other consultancy agencies: Boydens; Establis
Others: W4R; SECO

*This project won the Belgium Sustainable Construction Grand Prize and qualifies for the final.*

**Winner: Museum of contemporary art & urban planning /**
Shenzhen, China

- China Overseas Land & Investment Ltd.
- Beijing Tsinghua Tongheng Urban Planning & Design Institute Co., Ltd.
- Shenzhen Huasen Architectural& Engineering Designing Consultants Co., Ltd.

*This project won the China Sustainable Construction Grand Prize and qualifies for the final.*

This project was also honoured by its national jury:

**Nianing’s church /** Nianing, Senegal
Contractor: Archidiocèse de Dakar
Construction managers: IN SITU ARCHITECTURE; GA2D
Construction companies: Eiffage Sénégal; ETECS

*Exceptionally, this project was qualified for the final by the jury of the international platform.*
Discover the “Buildings” winners

**Winner: Flatmettoekomst /** Utrecht, Netherlands
- **Contractors:** Mitros; Vios Bouw
- **Construction manager:** Nieuw Utrechts Peil
- **Designer:** ONB
- **Thermal consultancy agency:** Nieman Raadgevende Ingenieurs

*This project won the Sustainable Renovation Grand Prize of the international platform and qualifies for the final.*

**Winner: Greenpeace Spain Headquarters /** Madrid, Spain
- **Contractor:** sAtt Triple Balance
- **Construction manager:** sAtt Triple Balance
- **Designer:** sAtt Triple Balance
- **Developer:** Greenpeace España
- **Thermal consultancy agency:** Alter Technica Ingenieros
- **Construction company:** 3B Ingeniería y Consultoría
- **Other:** Maria Gil de Montes
- **Environmental consultancy:** Fundacion para la Salud Geoambiental

*This project won the Spain Sustainable Renovation Grand Prize and qualifies for the final.*

**Winner: PEREX Centre /** Namur, Belgium
- **Contractor:** Franki
- **Construction manager:** Sofico
- **Designer:** Association momentanée : Atelier de l'Arbre d'Or - Altiplan
- **Manufacturer:** IMTEC Belgium
- **Other consultancy agency:** Bureau Greisch

*This project won the Belgium Sustainable Renovation Grand Prize and qualifies for the final.*

**Winner: Winter olympic plaza reconstruction project /** Xishi, China
- **Construction company:** Beijing Shougang Construction Investment Co., Ltd.
- **Consultant:** China Academy of Building Research (CABR)

*This project won the China Sustainable Renovation Grand Prize and qualifies for the final.*
Discover the “Buildings” winners

**Winner: Konseguela** / Konseguela, Mali

Contractor: Groupe Énergies Renouvelables, Environnement et Solidarité (GERES)
Construction manager: GERES
Construction company: Entreprise Karim Dembélé + artisans et apprentis VN

Developer: Association la Voûte Nubienne (AVN)
Others: Al-Mizan - Architecture, development, Ecology in Sahel; Association Malienne d’Éveil au Développement Durable (AMEDD)

*This project won the Low Carbon Prize of the international platform and qualifies for the final.*

**Winner: Greenpeace Spain Headquarters** / Madrid, Spain

Contractor: sAtt Triple Balance
Construction manager: sAtt Triple Balance
Designer: sAtt Triple Balance
Developer: Greenpeace España

Thermal consultancy agency: Alter Technica Ingenieros
Construction company: 3B Ingeniería y Consultoría
Other: Maria Gil de Montes
Environmental consultancy: Fundacion para la Salud Geoambiental

*This project won the Spain Low Carbon Prize and qualifies for the final.*

**Winner: Autonomous House B** / Bouskoura, Morocco

Contractor: Oualid Belakbil
Construction managers: Archibionic-Myriam Soussan et Laurent Moulin architectes
Construction companies: Orienatelier Menuiseries bois; Menuiserie acier El Amri; Argilex

*This project won the Morocco Low Carbon Prize and qualifies for the final.*

**Winner: Project Pearl** / Brussels, Belgium

Contractor: Habitat & Humanisme
Construction manager: DXA.ARCHI
Structures consultancy agency: NEY & Partners WOW
Construction company: Amart sa
Manufacturer: laminated timber solutions

*This project won the Belgium Low Carbon Prize and qualifies for the final.*

**Winner: Gezhouba Purple County Residence** / Shanghai, China

- China Gezhouba Group Real Estate Corporation

*This project won the China Low Carbon Prize and qualifies for the final.*
Discover the “Buildings” winners

**Health & Comfort**

**Winner: Star Innovation Centre** / Katunayake, Sri Lanka
Contractor: Star Garment Group / Komar Brands
Construction manager: Jordan Parnass Digital Architecture
Certification company: Passive House Institute
Designer: Vinod Jayasingh Architects

Thermal consultancy agency: Steven Winter Associates

*This project won the Health & Comfort Prize of the international platform and qualifies for the final.*

**Winner: AttijariWafa Bank Drissia Business Centre** / Tangier, Morocco
Contractor: ATTIJARIWAFABANK
Construction manager: BB Architectes
Manufacturers: BYEROOM; Airvent

*This project won the Morocco Health & Comfort Prize and qualifies for the final.*

**Winner: Forestry Brigade** / Brussels, Belgium
Contractor: IBGE
Construction manager: Gillion Construct - Entreprise générale
Designer: B612 Associates
Structures consultancy agency: Greisch
Other consultancy agencies: Matriciel; OLM Paysagistes

*This project won the Belgium Health & Comfort Prize and qualifies for the final.*

**Winner: TADI** / Tianjin, China
Designer and consultant: Tianjin Architecture Design Institute

*This project won the China Health & Comfort Prize and qualifies for the final.*

**Winner: Passivhaus via Napoleone Bonaparte** / Putignano, Italy
Contractor: Tonik srl
Construction manager: Tonik srl
Designer: Ing. Arch. Piero Russo
Structures calculist: Ing. Giuseppe Colaci de Vitis

*This project won the Italy Health & Comfort Prize and qualifies for the final.*

This project was also honoured by its national jury:

**Special mention**

**Gillies Hall at Monash University** / Frankston, Australia
Contractor: Multiplex
Construction manager: Monash University
Certification company: Grün Consulting
Designer: Jackson Clement Burrows Architects
Thermal consultancy agency: AECOM

*Exceptionally, this project was qualified for the final by the jury of the international platform.*
Discover the “Buildings” winners

**Energy & Temperate Climates**

**Winner: Gillies Hall at Monash University /** Frankston, Australia

Contractor: **Multiplex**
Construction manager: **Monash University**
Certification company: **Grün Consulting**
Designer: **Jackson Clement Burrows Architects**
Thermal consultancy agency: **AECOM**

This project won the Energy & Temperate Climates Prize of the international platform and qualifies for the final.

**Winner: Detached House in Alcobendas /** Alcobendas, Spain

Contractor: **MOLIOR CONSTRUCCIONES Y URBANISMO S.L.**
Construction manager: **MOLIOR CONSTRUCCIONES Y URBANISMO S.L.**
Designer: **Carlos Miguel González Weil**
Others: **José Luis García Rubio Jaquotot; Santiago Bouzada Biurrun; Marta Aránguez González**

This project won the Spain Energy & Temperate Climates Prize and qualifies for the final.

**Winner: New police office /** Molenbeek-Saint-Jean, Belgium

Contractor: **Zone de Police Bruxelles-Ouest**
Construction manager: **Bureau d'architectes Emmanouel Bouffioux (BAEB)**
Consultancy agency: **TPF - Engineering S.A.**
Structures consultancy agency: **ABCIS-Van Wetter S.A.**

Thermal consultancy agency: **NEO & IDES sprl**
Manufacturer: **BAM Belgium - Galère Sa**
Certification companies: **Bruxelles Environnement IBGE; Arcadis Belgium**

This project won the Belgium Energy & Temperate Climates Prize and qualifies for the final.

**Winner: Fivewin science and technology museum /** Zhengzhou, China

Construction company: **Henan Fivewin Architectural Design Co., Ltd.**
Designer: **School of Architecture, Zhengzhou University**

This project won the China Energy & Temperate Climates Prize and qualifies for the final.

**Winner: Newtonproject House 1 /** Berlin, Germany

Contractor: **Newtonprojekt GbR**
Construction manager: **Deimel Oelschläger Architekten Partnerschaft**
Structures calculist: **Lichtenau Himburg Tebarth Bauingenieure GmbH**

Thermal consultancy agency: **pi Passau Ingenieure GmbH**
Others: **Dr. Ing. Gabriele Holst; Büro 1.0; Low-E Ingenieurgesellschaft für energieeffiziente Gebäude**

This project won the Germany Energy & Temperate Climates Prize and qualifies for the final.
Discover the “Buildings” winners

This project was also honoured by its national jury:

**C2 Tower / Meyrin, Switzerland**
- Contractor: Philippe Dunand les Vergers SA
- Construction manager: Groupe H Architecture et Ingénierie SA
- Construction company: Construction Perret SA
- Certification company: Minergie Agence romande
- Structures calculist: AAB - J.Stryjenski & H.Monti SA
- Other consultancy agencies: BG Ingénieurs Conseils SA; Charpente Concept SA

**Winner: University of environment / Valle de Bravo, Mexico**
- Contractor: Miguel Campero Cuenca
- Designer: Oscar Hagerman
- Developer: Federico Llamas

*This project won the Energy & Hot Climates Prize of the international platform and qualifies for the final.*

**Winner: Greenpeace Spain Headquarters / Madrid, Spain**
- Contractor: sAtt Triple Balance
- Construction manager: sAtt Triple Balance
- Designer: sAtt Triple Balance
- Developer: Greenpeace España

Thermal consultancy agency: Alter Technica Ingenieros
- Construction company: 3B Ingeniería y Consultoria
- Other: Maria Gil de Montes
- Environmental consultancy: Fundacion para la Salud Geoambiental

*This project won the Spain Energy & Hot Climates Prize and qualifies for the final.*

**Winner: Environmental education centre / Salé, Morocco**
- Contractor: Fondation Mohammed VI pour la protection de l'environnement
- Construction manager: Layla Skali Architecte
- Other consultancy agency: BET ETAM-ETUDES

Manufacturers: OCBM Ouminium de construction de bâtiment MAGHREB; EQUELEC; ALIFBEL; GTPM; REVPLOMB; Atelier Vert; Ghani Construction
- Assistance to the contracting authority: Bureau Veritas Maroc

*This project won the Morocco Energy & Hot Climates Prize and qualifies for the final.*

Press contact: Alexia Robin info@construction21.org +33 (0)1 56 26 90 04
Discover the “Buildings” winners

Winner: Embassy of Belgium & Netherlands / Kinshasa, Democratic Republic of Congo

Contractor: Ministère des Affaires Etrangères de Belgique
Construction manager: Willemen groep
Designers: A2M; Jean-Louis Paquet Architect

Thermal consultancy agency: Crea-Tec
Other: CES
Construction company: Dematco

This project won the Belgium Energy & Hot Climates Prize and qualifies for the final.

These projects were also honoured by their national jury:

Basuna Mosque / Sohag, Egypt

Contractor: Dar Arafa Architecture
Construction manager: Dar Arafa Architecture
Others: Hisham Negm; Ahmed alHadary Amr Haggag Waleed Samir; Bishoy Nagy

Exceptionally, this project was qualified for the final by the jury of the international platform.

A sheltering roof / Kassi Kunda, Gambia

Contractor: Kassi Kunda
Construction manager: Association rasyn

Exceptionally, this project was qualified for the final by the jury of the international platform.

Press contact: Alexia Robin info@construction21.org +33 (0)1 56 26 90 04
Discover the “Buildings” winners

Users’ Choice: Buildings

**Winner: Forest in the sky / Vinh Phuc, Vietnam**

Contractors: Vietnam’s Cotecons; NEWTECONS
Construction manager: Flamingo Dai Lai

*This project won the Building Users’ Choice Award of the international platform and qualifies for the final.*

**Winner: Greenpeace Spain Headquarters / Madrid, Spain**

Contractor: sAtt Triple Balance
Construction manager: sAtt Triple Balance
Designer: sAtt Triple Balance
Developer: Greenpeace España

Thermal consultancy agency: Alter Technica Ingenieros
Construction company: 3B Ingenieria y Consultoria
Other: Maria Gil de Montes
Environmental consultancy: Fundacion para la Salud Geoambiental

*This project won the Spain Building Users’ Choice Award and qualifies for the final.*

**Winner: Environmental education centre / Salé, Morocco**

Contractor: Fondation Mohammed VI pour la protection de l’environnement
Construction manager: Layla Skali Architecte
Other consultancy agency: BET ETAM-ETUDES

Manufacturers: OCBM Ouminium de construction de bâtiment MAGHREB; EQUELEC; ALIFBEL; GTPM; REVPLOMB; Atelier Vert; Ghani Construction
Other consultancy agency: Bureau Veritas Maroc

*This project won the Morocco Building Users’ Choice Award and qualifies for the final.*

**Winner: New police office / Molenbeek-Saint-Jean, Belgium**

Contractor: Zone de Police Bruxelles-Ouest
Construction manager: Bureau d’architectes Emmanuel Bouffioux (BAEB)
Other consultancy agency: TPF - Engineering S.A.
Structures consultancy agency: ABCIS-Van Wetter S.A.

Thermal consultancy agency: NEO & IDES sprl
Manufacturers: BAM Belgium - Galère Sa
Certification companies: Bruxelles Environnement IBGE; Arcadis Belgium

*This project won the Belgium Building Users’ Choice Award and qualifies for the final.*

**Winner: Fivewin science and technology museum / Zhengzhou, China**

Construction company: Henan Fivewin Architectural Design Co., Ltd.
Designer: School of Architecture, Zhengzhou University

*This project won the China Building Users’ Choice Award and qualifies for the final.*
About Construction21.org

As the social media for sustainable buildings and cities, Construction21 disseminates free information among actors of the building and city sectors, especially through its three databases dedicated to exemplary buildings, districts and infrastructures.

The Construction21 network – 700,000 visits in 2018 – counts 11 national platforms in Europe, China and North Africa, managed by local non-profit organisations, along with an 12th international platform in English.

Every year, Construction21 organises the Green Solutions Awards, an international contest aiming to make concrete solutions known among professionals from all over the world, to accelerate transition toward a more sustainable world. The 2018 edition, which generated 4.1 million views, closed in December with an Awards ceremony bringing together more than 200 professionals from around the world in Katowice, Poland, during COP24.

The Construction21 network

Members of the international Construction21 association, the chapters manage Construction21 national platforms and organise the Green Solutions Awards in their country.
The competition is organised with the support of [ADEME](https://www.ademe.fr) and the [Global Alliance for Buildings & Construction](https://www.globalallianceforbuildings.org).

Also, companies committed to fighting against climate change, have joined the competition: [BNP Paribas Real Estate](https://www.bnp-paribas-real-estate.com), [Parex](https://www.parexgroup.com) and [EDF](https://www.edf.fr). They are presented in the following pages.

Around 100 national and international media partners are also promoting the Green Solutions Awards within their own network, readers and visitors.
Why is your company committed to fighting climate change?

At BNP Paribas Real Estate, the climate change topic and its impact on the real estate business is part of our Corporate Social Responsibility (CSR) strategy. In fact, in our operations and service offers, we are committed to taking into account the climate change challenges, optimising the environmental footprint of our activities, promoting circular economy and making the environmental quality of our products and services a lever to increase performance both in finance and in use.

That is why, whether in construction, operation or renovation, we offer our customers energy-efficient and environmentally friendly solutions, respectful of the health and well-being of corporate as well as residential real estate users.

What actions did you put in place regarding sustainable development/CSR?

In our different businesses, we develop solutions to anticipate and face environmental issues, but also to meet the new requirements and uses of our clients (investors, companies, individuals, or local communities), and thus to positively contribute to the challenges of climate change and urban transformation.

It is in this context that we support some initiatives in the real estate industry such as the Low Carbon Building Label (BCCA), the French Institute for Building Efficiency (IFPEB), the HQE-French GBC Alliance, or Biodiversity and Circolab, and of course Construction21 and its Green Solutions Awards.

We have also set ambitious goals to reduce CO2 emissions and to increase environmental quality:

- 100% of the operations we deliver in corporate property are certified and reach certifications with the highest performance levels: excellent or exceptional.
- In residential, 100% of housing delivered in 2020 will be certified.
- 100% of office and housing operations delivered in 2020 will benefit from a carbon footprint audit.

In 2019, we will build, with our different businesses and countries, 3 roadmaps: one on reducing greenhouse gas emissions from our activities, the second on biodiversity and the third on circular economy.

About

European leader in real estate services, BNP Paribas Real Estate covers the entire life cycle of a property: Promotion, Transaction, Consulting, Expertise, Property Management and Investment Management. With 5,400 employees, BNP Paribas Real Estate locally advises owners, tenants, investors and local authorities in Europe, the Middle East and Asia.

BNP Paribas Real Estate, a BNP Paribas Group company, generated €968 million in revenue in 2018.
To go further in our commitment to fight climate change, we have deployed for 3 years our Climate Program, a 3-step approach which consists of:

- measuring the greenhouse gas emissions related to our activities in all countries where we operate,
- reducing these emissions,
- adapting and mitigating impacts of some residual emissions by financing ecosystem restoration projects through reforestation and agroforestry.

At the end of 2018, we achieved the first part of our goals: measurement of greenhouse gas emissions in all the countries where we operate; pursuance of action plans set up with our suppliers within our industrial units to reduce CO₂ emissions; planting of 58,000 trees for 2 years trees to mitigate 100% of emissions related to business trips as part of 10 agroforestry projects supported by PUR Project in the main countries where we operate.

This positive momentum encourages us to continue to reduce our emissions while contributing to the development of local communities.

Our ambition is to integrate these sustainable development actions into all our activities in order to contribute to the growth of sustainable construction.
Two questions for Jean-Pierre Frémont

Local Authorities Director, EDF

**Why is your company committed to fighting climate change?**

As players committed in a sustainable and concrete way in the fight against climate change, EDF and its specialised subsidiaries offer numerous energy services and expert solutions that are increasingly adapting to the needs of local authorities, as well as to the energy transition challenges. Our ambition is to contribute to strengthening the economic activity and innovation of territories, to improve the life quality of the inhabitants, to build sustainable cities, while respecting low carbon requirements of the 21st century.

Through our adaptability, our technological expertise and our wide range of skills and solutions, EDF asserts the reliability of its advice and the relevance of its technological choices, in the service of energy transition and green growth.

This allows our customers to have a forward-looking view, benefiting from expert solutions and relevant advice. They thus have access to efficient energy services that are adapted to many different situations and needs, in the service of a carbon-free performance.

**What actions have you put in place regarding sustainable development/CSR?**

The world of energy is changing. Energy is becoming more and more decentralised, carbon-free, digital. The customer is becoming more and more involved in his consumption and energy savings. Wind, sun, sea: we try to make the best use of natural resources.

All these innovations also make us change and evolve. This desire for transformation, this will to remain close to customers and territories, at the heart of energy transition and climate issues, is our new strategic horizon CAP2030: being a responsible electricity provider, champion of low carbon growth.

We have committed to reduce by at least 40% our already low CO2 emissions, to become carbon neutral by 2050, and to develop 30 GW of solar energy by 2035.

In addition, we have selected six Corporate Responsibility Goals, in line with the UN’s 17 Sustainable Development Goals. They each carry a strong ambition on:

- Climate and carbon
- Human development of Group employees
- Offers to customers, in particular to vulnerable customers
- Energy efficiency
- Dialogue and consultation
- Biodiversity conservation

We are therefore committed to providing answers to the transformation of the world of energy and to integrating the economic, societal and environmental dimensions into the heart of our strategy.

**About**

As a major player in the energy transition, the EDF Group is an energy provider that is increasingly present in the field of renewable energies and energy services. EDF and its subsidiaries, through the EDF Energy Solutions, offer performance and energy efficiency solutions to serve their customers in France.

EDF and its subsidiaries are already offering new energy solutions for connected urban lighting, residential heating, charging electric vehicles, local electricity production, energy storage, thermal smart grids and smart electricity grids, etc.