Green Solutions Awards 2020-21
International Winners Gala
10th November 2021 at the Glasgow City Chambers
Follow the ceremony on Twitter:
@Construction21
#GreenSolutionsAwards

Brian Kilkelly
Co-founder, Climate Business
Christian Brodhag
President, Construction21 France and International

Follow the ceremony on Twitter:
@Construction21
#GreenSolutionsAwards
OUR MISSION

1. IDENTIFY exemplary projects
2. SELECT the most inspiring ones
3. DISSEMINATE them to the professional public

➔ To TURN THEM INTO STANDARD PRACTICES on a global scale.
IN PARTNERSHIP WITH
Allan Casey
Councillor, City of Glasgow

Follow the ceremony on Twitter:
@Construction21
#GreenSolutions Awards
Barbara Pompili
Minister, Ministry of Ecological Transition
Véronique Pappe
Director, Construction21 France and International

Follow the ceremony on Twitter:
@Construction21 #GreenSolutions Awards
Contest organised by Construction21 with the support of...
TO FOLLOW:
AN INTENSE COMMUNICATION PLAN

**Content**
Articles, case studies... on Construction21 platforms

**Videos & Podcasts**
Sharing the story of the best projects

**Social Networks**
LinkedIn, Twitter Facebook, Instagram & Pinterest

**Webinars & conferences**
Green Solutions & market events

**Partnerships**
A network of partners share the contents

**Media**
Press releases in all languages

Contest organised by Construction21 with the support of...
SUSTAINABLE DISTRICT GRAND PRIZE

5 FINALISTS
Roland Hunziker
Director Sustainable Buildings and Cities, WBCSD
Co-chairman of the Global ABC representative

Follow the ceremony on Twitter:
@Construction21
#GreenSolutions Awards
SUSTAINABLE DISTRICT GRAND PRIZE JURY

Sébastien Maire, France Ville Durable

Qizhi Mao, Tsinghua University

Nancy Thomas, Inspiring More Sustainability

Béatrice Gasser, Egis Group

Marco d’Egidio, Independent Engineer

Mohamed Nbou, Sustainable Development Ministry Morocco
Nanterre Coeur Université
The Northern River Terminal of Moscow
Suzhou Suqian Industrial Park

- **Project holder:** Suzhou Sugian Industrial Park Planning and Construction Bureau
- **Technical Consultancy Agency:** Jiangsu Research Institute of Building Science Co., Ltd.

Mention Sustainable District Grand Prize
Winner of the Sustainable District Grand Prize

Nanterre Cœur Université

France
• **Project holders**: Bouygues Immobilier / Urban Era
• **Developer**: EPA Paris La Défense
• **Operator of the double Smart Grid**: Dalkia Smart Building
• **Project initiator**: Ville de Nanterre
SUSTAINABLE INFRASTRUCTURE GRAND PRIZE
8 FINALISTS
Follow the ceremony on Twitter: @Construction21 #GreenSolutions Awards

Roland Hunziker
Director Sustainable Buildings and Cities, WBCSD
Co-chairman of the Global ABC representative
SUSTAINABLE INFRASTRUCTURE GRAND PRIZE JURY

Sébastien Maire, France Ville Durable

Qi zhi Mao, Tsinghua University

Nancy Thomas, Inspiring More Sustainability

Béatrice Gasser, Egis Group

Marco d’Egidio, Independent Engineer

Mohamed Nbou, Sustainable Development Ministry Morocco
Forest City
Solarisation of the St-Étienne metropolis
Lighting Plan 4.0
IKEA Greenwich – Green Roof
Mehr.WERT.Pavilion
Organic Waste Management and Composting Center
Mention
Sustainable Infrastructure Grand Prize

Lighting Plan 4.0

- **Project holder:** Public Local Firm SOFICO
- **Technical Assistance:** Public Service of Wallonia Mobility and Infrastructures (SPW MI)
- **Other:** Consortium LuWa (Citelum, DIF, Luminus, CFE)
Urban Farm of the Vegetal Arch

- **Project Holders:** Cueillette Urbaine; Cuisine mode d’emploi; Urban Leaf
- **Companies:** Cueillette Urbaine; Urban Leaf
- **Operator/Concessionnary:** Cueillette Urbaine

France
Winner of the Sustainable Infrastructure Grand Prize

MEHR.WERT.Pavilion

Germany
• **Project Holder:** Regionalverwaltung

• **Execution Planning and Stability:** 2hs architects and engineer PartGmbH Hebel Heisel Schlesier with Lisa Krämer and Simon Sommer

• **Concept and Design:** Lisa Krämer; Simon Sommer; Philipp STAAB; Sophie Welter; Katna Wiese; Karsten Schlesier; Felix Heisel; Dirk E. Hebel, Professorship for Sustainable Building, KIT Karlsruhe

• **Structural Form-Finding:** Prof. Rosemarie Wagner; Professorship of Building Technology, KIT Karlsruhe

• **Executive Company Pavilion:** AMF Theaterbauten GmbH; Udo Rehm / FC - planung GmbH; Gebr. A. & F. Hinderthür GmbH; Käufmann carpentry and joinery GmbH; GrünRaum GmbH

• **Test Engineer:** Prof. Matthias Pfeifer, Karlsruhe

• **Project & Event Sponsors:** Waste Management Companies of the City of Heilbronn; Ministry for the Environment; Climate Protection and Energy Sector Baden-Württemberg; Bundesgartenschau Heilbronn 2019 Gmb

• **Project partners:** AMF Theaterbauten GmbH; Deutsche Foamglas GmbH; Glas Trösch GmbH; Hagedorn GmbH; Heinrich Feess GmbH & Co. KG; Magna Naturstein GmbH; Schröder Bauzentrum GmbH; DeFries; Smile Plastics; SPITZER-Rohstoffhandelsgesellschaft; StoneCycling; Studio Dirk van der Kooij

• **Project Financing:** GreenCycle GmbH; Der Grüne Punkt - Duales System Deutschland GmbH (DSD); SER GmbH
ENERGY & HOT CLIMATES
4 FINALISTS
Stéphane Pouffary, CEO, Energies2050

Giorgia Tzar
Association Manager, International Passive House Association
ENERGY & HOT CLIMATES JURY

Jérôme Bilodeau, Canada Office of Energy Efficiency
Joyce Owens, Architecture Joyce Owens LLC
Dr Yézouma Coulibaly, 2iE
Brahmanand Mohanty, ADEME
Zhbing Mao, China State Construction Engineering Corporation
Corinna Geiger, Passive House Institute
Teresa Coady, iiSBE, FRAIC Architect, AIBC, AAfA, LEED Fellow
Carlos Alejandro Carrazco Cota, Alliance for Energy Efficiency
Stéphane Pouffary, ENERGIES 2050
Oliver Rapf, Buildings Performance Institute Europe
BO52 by Linkcity
Rivière-Salée Socio-Medical Centre
Xêwa Sowé
Winner Energy & Hot Climates

Rivière-Salée Socio-Medical Centre

New Caledonia, France
• **Contractor:** CAFAT
• **Construction Manager:** Atelier d’architecture KASO
• **Delegated Constructor:** SECAL
• **Architect:** LAB Réunion
• **Consultancy Agencies:** Laboratoire d’Écologie Urbaine; ECEP; SIGMA; ES2
• **Other:** LFJ design paysage
Follow the ceremony on Twitter:
@Construction21
#GreenSolutions Awards

Jean-Marie Hauglustaine, Prof., University of Liège/EnergySUD

Denis Cocconcelli, Director, CIRIDD
HEALTH & COMFORT JURY

Qingqin Wang, China Academy of Building Research

Ann-Marie Fallon, Architype

Mohammed Ahachad, Faculty of Sciences and Techniques of Tangier

Laura Brown, École Supérieure des Professions Immobilières

Jean-Marie Hauglustaine, University of Liège - EnergySuD

Thomas Kraubitz, Buro Happold / German Sustainable Building Council
Passive House for the Elderly
Climate-positive zero-energy technical classroom wing
Bord’Ha
R&Roll Houses
The International University Hospital Mohammed VI
Bord’Ha

- **Contractor:** SCI BORD’HA
- **Construction Managers:** Brachard De Tourdonnet (building permit phase), Hobo (execution phase)
- **Thermal Consulting:** CAP INGELEC
- **Structural Engineers:** AEC Ingénierie; C.E.S.M.A
- **Companies:** DL Océan; CIR PREFA; Abside

France
Passive House for the Elderly

- **Construction Manager**: Construcciones P. Sanchez Rodríguez S.L.
- **Contractor**: Cajimir, S.L.
- **Architect**: CSO Arquitectura
- **Structural Engineer**: Fernando San Hipólito
- **Certification Company**: Energiehaus SLP
- **Project Manager**: Javier Vega de Paz

©David Frutos

Mention Health & Comfort
Winner Health & Comfort

Schroeder 2020

Luxemburg
• Contractor: Schroeder & Associés
• Construction Manager: AU21
• Architect: Architecture & Urbanisme 21
• Other Consultancy Agency: Goblet Lavandier & Associés
• Others: BCR; NEOBUILD; äResto; Ernst & Partner; BIM CONSULT; SECOLUX; Service Incendie de Roeser; SL – Sandra Leidner; Virtual Rangers
ENERGY & TEMPERATE CLIMATES
9 FINALISTS
Follow the ceremony on Twitter:
@Construction21
#GreenSolutions Awards
ENERGY & TEMPERATE CLIMATES JURY

Jérôme Bilodeau, Canada Office of Energy Efficiency
Joyce Owens, Architecture Joyce Owens LLC
Dr Yézouma Coulibaly, 2iE
Brahmanand Mohanty, ADEME
Zhibing Mao, China State Construction Engineering Corporation
Corinna Geiger, Passive House Institute
Teresa Coady, iiSBE, FRAIC Architect, AIBC, AAF, LEED Fellow
Carlos Alejandro Carrazco Cota, Alliance for Energy Efficiency
Stéphane Pouffary, ENERGIES 2050
Oliver Rapf, Buildings Performance Institute Europe
Green Building Industrial Park of China Construction Science and Technology Chengdu
Biosourced Renovation of 24 Social Housing Units
GAP Energy Efficiency and Consultant Incubation Center
New Headquarters of Thomas & Piron Bâtiment
CO2 neutral buildings in CH-Männedorf
The Green Renovation of Kunshan Civic Ethics Hall
Biosourced Renovation of 24 Social Housing Units

- **Contractor:** Le Toit Vosgien
- **Construction Manager:** ASP Architecture
- **Thermal Consulting:** Terranergie
- **Companies:** Bielhmann; Sertelet; Isoleco; MCV; Watt Automation; Eury; PPE; Laugel et Renouard; Lenoir; Captespace

France
**CO₂ neutral buildings in CH-Männedorf**

- **Contractors:** René Schmid AG; Solaxess SA
- **Construction Manager:** Umweltarena

Mention Energy & Temperate Climates
ArroyoFresno nZEB Passivhaus Plus

- **Contractor:** Landevel S.L.
- **Construction Manager:** Construcciones Amenabar S.A.
- **Architects:** Daniel Diedrich + Talia Dombriz Arquitectos. Estudio DMDV Arquitectos SLP
- **Thermal Consulting:** Daniel Diedrich
- **Certification Company:** Energiehaus arquitectos SLP (Micheel Wassouf)

Spain
Winner Energy & Temperate Climates

"Antonio Brancati" Middle School

Italy
• **Contractor:** Pesaro Municipality  
• **Construction Manager:** Architect Margherita Finamore  
• **Certification company:** MacroDesignStudio (MDS)  
• **Construction Companies:** CONSCOOP - Formula Servizi; Forlì; Idrotermica Coop; Siem Impianti; Cesena (FC)
Low Carbon

8 Finalists
Jean-Marie Hauglustaine, Prof., University of Liège/EnergySUD

Follow the ceremony on Twitter: @Construction21 #GreenSolutions Awards
LOW CARBON JURY

Qingqin Wang, China Academy of Building Research

Ann-Marie Fallon, Architype

Mohammed Ahachad, Faculty of Sciences and Techniques of Tangier

Laura Brown, Ecole Supérieure des Professions Immobilières

Jean-Marie Hauglustaine, University of Liège - EnergySuD

Thomas Kraubitz, Buro Happold / German Sustainable Building Council
Single Family Home
UP STRAW Building
Future Energy Resources Exhibition Building
4 Passive Social Housing Units in Straw Wood
Semi-Olympic Indoor Swimming Pool in Sidi Youssef Ben Ali
Entrepatrios Las Carolinas
Erweiterung Eisbärhaus, Neubau Bauteil C
Erweiterung Eisbärhaus, Neubau Bauteil C

- **Contractor**: BANKWITZ beraten planen bauen GmbH
- **Construction Manager**: BANKWITZ beraten planen bauen GmbH
Entrepatios Las Carolinas

- **Contractor:** Entrepatios. Promoción Las Carolinas
- **Construction Manager:** GEOH
- **Architect:** sAtt Arquitectura Triple Balance
- **Structural Engineer:** enmadera
- **Facility Manager:** danielpascual.com
- **Environmental Consultancy:** Técnica ECO
- **Developer:** Entrepatios. Promoción Las Carolinas

Spain
Winner Low Carbon

4 Passive Social Housing Units in Straw Wood

France
• **Contractor:** SA HLM Le Toit Vosgien
• **Construction Manager:** ASP Architecture
• **Thermal Consulting:** Terranergie
SUSTAINABLE CONSTRUCTION GRAND PRIZE

8 FINALISTS
SUSTAINABLE CONSTRUCTION GRAND PRIZE JURY

Christina Cheong, Global Green Growth Institute
York Ostermeyer, Global ABC
Pilar Mercader-Moyano, University of Seville
Youwei Wang, China Green Building Council
Nathalie Néron, BNP Paribas Real Estate
Thomas Kraubitz, Buro Happold / German Sustainable Building Council
New Headquarters of Thomas & Piron Bâtiment
The International University Hospital
Mohammed VI
Wood hybrid construction: new residential spaces in passive house standards
Humanscapes Habitat

- **Contractor:** Auropriya construction
- **Construction Manager:** Auroville Design Consultants
- **Designer:** Auroville Design Consultants
- **Other Consultancy Agency:** Sunlit future
- **Developer:** Auroville Housing Service

Mention Sustainable Construction Grand Prize India
Ecocampus Provence

- **Contractor:** Durance Lubéron Verdon Agglomération (DLVA)
- **Construction Managers:** R+4 Architectes Forcalquier; Leteissier Corrèol Architecture & Urbanisme associé Marseille
- **Thermal Consulting:** ADRET Embrun
- **Structural Engineer:** Gaujard Technologie Scop Avignon
- **Company:** ARBONIS
- **Certification Company:** Bâtiments Durables Méditerranéens (BDM)
- **Owner:** Ecocampus Provence

France
Customer Service Centre of State Grid Corporation of China

- Construction Manager: Customer Service Centre of State Grid Corporation of China
- Contractor: Tianjin Scientific Academy of Residential Building
Winner of the Sustainable Construction Grand Prize

Turo de la Peira

Spain
• **Contractors:** Institut Barcelona Esports (IBE); Ajuntament de Barcelona
• **Construction Managers:** Institut Barcelona Esports (IBE); Ajuntament de Barcelona
• **Architects:** Anna Noguera; Javier Fernández
• **Site Manager:** Dídac Dalmau
• **Measurements & Budgets:** Salvador Segura; Cristina Carmona (Ardèvols Consultants Associats)
• **Landscape Architects:** Anna Zahonero; Pepa Morán; Víctor Adorno
• **Structural Engineers:** Manel Fernández, Ton Coll (Bernuz-Fernández-SLP)
• **Environmental Consulting:** Xavier Saltó, Caba Sostenibilidad; Oliver Style
• **Thermal Consulting:** Micheel Wassouf - Energiehaus Arquitectos
SUSTAINABLE RENOVATION GRAND PRIZE

6 FINALISTS
Gary Cameron
Head of Scotland - Senior Director, BNP Paribas Real Estate

Follow the ceremony on Twitter:
@Construction21
#GreenSolutions Awards
Cédric Borel
Director, IFPEB/A4MT

Follow the ceremony on Twitter:
@Construction21
#GreenSolutions Awards
SUSTAINABLE RENOVATION GRAND PRIZE JURY

Christina Cheong, Global Green Growth Institute

York Ostermeyer, Global ABC

Pilar Mercader-Moyano, University of Seville

Youwei Wang, China Green Building Council

Nathalie Néron, BNP Paribas Real Estate

Thomas Kraubitz, Buro Happold / German Sustainable Building Council
Holiday Houses Marrakech Medina - AWB
The Green Renovation of Kunshan Civic Ethics Hall
GAP Energy Efficiency and Consultant Incubation Center
Bréquigny Highschool

- **Contractor:** Région Bretagne
- **Construction Manager:** Egis
- **Architect:** Anthracite Architecture
- **Construction Company:** Legendre Construction
- **Company:** CCL Constructions
- **Delegated Contractor:** Sembreizh
- **Assistance to the Contracting Authority:** Alterea

France
The Green Renovation of Kunshan Civic Ethics Hall

- **Contractor**: Kunshan City Construction Investment & Development Group Co., Ltd.
- **Construction Manager**: Kunshan City Construction Investment & Development Group Co., Ltd.
- **Thermal Consulting**: Jiangsu Research Institute of Building Science Co., Ltd.
Mention
Sustainable Renovation
Grand Prize

Triple Space

• **Contractor:** Anomalia Business Design
• **Construction Manager:** sAtt Triple Balance
• **Thermal Consulting:** Alter Technica Ingenieros
• **Environmental Consulting:** Fundacion para la Salud Geoambiental
• **Illumination Design:** María Gil de Montes

Spain
Winner of the Sustainable Renovation Grand Prize

Green Factory

France
• **Contractor:** Arioste
• **Construction Manager:** Diagonale Concept
• **Assistance to the Contracting Authority:** Ressources Green Building RGB
• **Thermal Consulting:** Sequoia; Emcon
• **Heritage Architect:** Cecile Remond
• **Companies:** Industherm; JLC Menuiserie; DDSG; CJL Electricité; AS Plomberie; Pimenta Joao
With the support of BACKSTAGE…
DISCOVER THE CASE STUDIES ON CONSTRUCTION21

Construction21 Belgium
Construction21 China
Construction21 France
Construction21 Germany
Construction21 Italy
Construction21 Luxembourg
Construction21 Morocco
Construction21 Spain
THANK YOU FOR YOUR PRESENCE AND ATTENTION!

It's now time for a group picture! Join us on stage to have a souvenir of the ceremony.

And to finish this beautiful evening in joy, let's meet at the Corinthian Club for a celebration.