

Weltkongress Gebäudegrün World Green Infrastructure Congress

Programm | Program



Weltkongress Gebäudegrün
World Green
Infrastructure Congress
WGIC 2023
www.bugg-congress2023.com

Berlin
27 - 29 June 2023



Internationale Partner / International Partners



Nationale Partner / National Partners



Gold-Sponsoren / Gold Sponsors



Leben auf dem Dach



Inhalt / Content

Seite / Page

Programm deutsch

1. Tag 2-3

2. Tag 4-5

Program English

1. Day 6-7

2. Day 8-9

Tagungsort / Venue

MOA Berlin - Mercure Hotel
Stephanstraße 41
10559 Berlin
www.hotel-moa-berlin.de

Veranstalter / Organizer



| ZEIT | Raum MOA 6-9 | Raum MOA 5 | Raum MOA 4 | Raum MOA 3 | Raum MOA 1+2 |
|----------|---|---|--|---|--|
| ab 07.30 | Registration | | | | |
| 08.45 | Einlass | | | | |
| 09.00 | Moderation: Peter Menke Begrüßung: Dr. Gunter Mann, BuGG (Germany), Prof. Dr. Manfred Köhler, WGIN (Germany), Dusty Gedge, EFB (Great Britain) | | | | |
| 09.30 | Begrüßung: Staatssekretärin Britta Behrendt, Senatsverwaltung für Umwelt, Mobilität, Verbraucher- und Klimaschutz (Germany) | | | | |
| 09.45 | Impuls 1: The Vertical Garden. Science, Art and Sustainability Dr. Patrick Blanc (France) | | | | |
| 10.25 | Impuls 2: supergreen® Christoph Ingenhoven (Germany) | | | | |
| 11.00 | Grußwort: Parlamentarische Staatssekretärin Elisabeth Kaiser, Bundesministerium für Wohnen, Stadtentwicklung und Bauwesen (Germany) | | | | |
| 11.30 | KAFFEE-PAUSE | | | | |
| | Themenblock Städtestrategien Moderation: Peter Menke | Themenblock Regenwasserbewirtschaftung Moderation: Dr. Friedrich Hetzel | Themenblock Technik Moderation: Rudi Scheuermann | Themenblock Nachhaltigkeit: Energie Moderation: Susanne Formanek | Themenblock Innenraumbegrünung Moderation: Stefan Gentzen |
| 12.15 | Städtedialog Gebäudegrün. Kommunale Förderinstrumente in Deutschland. Endbericht DBU-Förderprojekt M. Sc. Rebecca Gohlke (Germany) | Zukunftsfähige Städte durch cleveres Regenwassermanagement M. Sc. Timon Lauber (Germany) | Brandschutz bei Fassadenbegrünungen. Stand der Forschungen Dipl.-Ing. Dieter Werner (Austria) | U-green. Bauphysikalische Bewertung von Fassaden- und Dachbegrünungen Dr. Michaela Reim, Dr. Nadja Stingl-Sinn, Karin Hoffmann (Germany) | Pflanzen bei der Arbeit (Plants at work) Miriam Köpf (Germany) |
| 12.45 | Grüne Dächer und Wände - Umsetzung einer Strategie. Erfahrungen aus Hamburg Dr. Hanna Bornholdt (Germany) | How roofs can contribute to water circularity in cities in different climate zones Friso Klapwijk (The Netherlands) | Brandschutz bei Gebäudebegrünungen im internationalen Vergleich Dipl.-Ing. Katja Eiselt (Germany) | Steigerung der Gebäudeenergieeffizienz mittels Fassadenbegrünung Wibke Niels (Germany) | The Building that Breathes Kelai Diebel (The Netherlands) |
| 13.15 | Wie bekommt man mehr begrünte Gebäude in der Stadt? - Fallbeispiel Berlin Dr. Heike Stock (Germany) | Green roofs as stormwater management solutions Gregor Kovač & Neva Zupanc (Slovenia) | Systemgedanke bei wandgebundener Fassadenbegrünung Dipl.- Ing. Clemens Belke & Christoph Krämer (Germany) | Characterization of the dynamic thermal response of green roofs under actual boundary conditions Tej Žižak (Slovenia) | Die Natur ins Haus holen in der Praxis Sander Kroll (The Netherlands) |
| 13.45 | MITTAGS-PAUSE | | | | |
| | Themenblock Städtestrategien Moderation: Peter Menke | Themenblock Nachhaltigkeit Moderation: Susanne Formanek | Themenblock Architektur- und Praxisbeispiele Moderation: Stefan Zeller | Themenblock Markt Moderation: Rudi Scheuermann | Themenblock Innenraumbegrünung Moderation: Gerhard Zemp |
| 14.45 | Implementation of the green solutions in Polish cities - challenges and possibilities Dr. Marta Weber-Siwirska (Poland) | Quantifizierung der mehrjährigen CO₂-Aufnahme durch zwei extensive Dachbegrünungen Prof. Dr. Stephan Weber (Germany) | Gründach Performance – individuelle Anforderungen an die lebenswerte Stadt der Zukunft Fabian Kaiser (Germany) | Nature-based solutions in Brazil Prof. Cecilia Polacow Herzog (Brazil) | green4indoor - Energieeffiziente Raumklimatisierung mit Pflanzen Dr. Annette Bucher, Dr. Michaela Reim (Germany) |
| 15.15 | Green roofs as part of the renovation of buildings. Bringing nature back to the old town - Porto case study Dr. Paulo Palha (Portugal) | Moving towards carbon negative green roofs - BeNetGain Dusty Gedge (Great Britain) | The three-dimensional hanging garden of the Szellkapu Park (Budapest) Peter Dezsényi (Hungary) | Green roofs market in Spain. Monitoring and evaluation of impacts of green roofs in Barcelona. "Verd de proximitat BCN" project Dr. Gabriel Pérez Luque (Spain) | Die neuen FLL-Innenraumbegrünungsrichtlinien - was gibt es Neues Lea Nollen (Germany) |
| 15.45 | Singapore – from a Garden City to a City in Nature. Chintan Raveshia (Singapore) | Thermische Effekte einer Efeufassade auf ungedämmte Außenwände Dipl.-Ing. Erich Streit (Austria) | The Plus Furniture Factory (Magnor) David Brasfield (Norway) | New challenges in green walls and green roofs and looking beyond in India Hema Kumar (India) | Substrate für Innenraumbegrünungen. Anforderungen und Umsetzung anhand eines Praxisbeispiels Dr. Martin Upmeyer(Germany) |
| 16.15 | KAFFEE-PAUSE | | | | |
| | Themenblock Gesundheit Moderation: Peter Menke | Themenblock Biodiversität Moderation: Stefan Zeller | Themenblock Nachhaltigkeit: Wassernutzung Moderation: Dr. Friedrich Hetzel | Themenblock Architektur- und Praxisbeispiele Moderation: Thomas Banzhaf | Themenblock Politik: Bildung Moderation: Susanne Formanek |
| 16.45 | Lebenswert, Resilient, Regenerativ - gesunde Städte brauchen neue Werte Prof. Herbert Dreiseitl (Germany) | Wie lassen sich extensive Dachbegrünungen mit regionaltypischen Wildpflanzen für Insekten aufwerten? Prof. Dr. Kathrin Kiehl, M.Sc. Franziska Päscher (Germany) | Grauwasser als alternative Bewässerungsquelle für Gebäudebegrünungen DI Dr. Michael Gräf (Austria) | Copenhagen. The ski slope on the roof - a very extraordinary project Per Malmos (Denmark) | FABIKLI Fassadenbegrünung und Biomasseverwertung für Klimaschutz an Schulen – Projektvorstellung und erste Ergebnisse Dr. Swenja Rosenwinkel (Germany) |
| 17.15 | Bauwerksbegrünung als Maßnahme zur Gesundheitsförderung - Bindung von Luftschadstoffen durch wandgebundene Begrünungen M. Sc. Kilian van Lier (Germany) | Biodiversitätsdach. Postverteilzentrum in Vomp/Tirol/Österreich Manuel Andreatta (Austria) | Circular Green Roofs: Utilizing recycled materials and treated greywater Marek Petreje (Czech Republic) | Herausforderungen in der Gebäudebegrünung an zwei Beispielen im Garten- und Landschaftsbau: KÖBogen 2 und Calwer Passage Hans-Christian Leonhards (Germany) | Urban Landscape Engineer. Hybrid educations for climate adaptation and preparation for global climate extremes Leila Tolderlund (Denmark) |
| 17.45 | Pollution (Nitrogen dioxide & Ozone & CO₂) abatement potential of Climbing Plants Minka Aduse-Poku (Germany) | Nature-inclusive building: how to measure biodiversity? Dipl.-Ing. Christian Tuschen & Willem van Strien (Germany) | Green walls for greywater treatment: contributions to the circular economy Ana Galvão (Portugal) | Think Green first. The impact of EU legislation to green sector Henrik Bos (Finland) | Mehr grüne Schulen Prof. Azra Korjenic (Austria) |
| 18.15 | Ende Tag 1 | | | | |
| Ab 19.30 | Conference Party | | | | |

Stand: 19.06.2023. Änderungen vorbehalten

| ZEIT | Raum MOA 6-9 | Raum MOA 5 | Raum MOA 4 | Raum MOA 3 | Raum MOA 1/2 |
|----------|---|---|---|--|---|
| ab 08.00 | Registration | | | | |
| 08.30 | Einlass | | | | |
| 08.45 | Moderation: Peter Menke Impuls 3: Form Follows Systems: New Languages of Integrated Nature Richard Hassell, WOHA-Architekten Singapur (online live) | | | | |
| | Themenblock Regenwasserbewirtschaftung Moderation: Dr. Friedrich Hetzel | Themenblock Biodiversität Moderation: Stefan Zeller | Themenblock Nachhaltigkeit: Solar-Gründächer Moderation: Susanne Formanek | Themenblock Städtestrategien Moderation: Rudi Scheuermann | Themenblock Innenraumbegrünung Moderation: Gerhard Zemp |
| 09.30 | Langzeit-Performance von Retentionsgründächern. Ergebnisse eines in-situ Monitorings in Hamburg Dr. Michael Richter (Germany) | Understanding long term development of green roofs in Sweden and Finland Dr. Tobias Emilsson (Sweden) | Energiegründächer sind marktfähig Andreas Dreisiebner (Schweiz) | Six visions of Biodivercities: Planning towns in a megadiverse country. A review of the national policy on green infrastructure in Columbia Andres Ibanez (Colombia) | Urban Farming Unleashed: Embracing the Allure of Vertical Farming 2.0 Ema Šimurda (Germany) |
| 10.00 | Blau-Grün und smart. Modernes Regenwassermanagement von Stadtquartieren M. Eng. Dominik Göbner (Germany) | Investigating the contribution of green roofs to urban ecological network at a city scale in Liege Mitali Yeshwant Joshi (Belgium) | Photovoltaik-Anlagen für Gründächer. Biotop, Wasserspeicher, Klimaanlage Dipl.-Ing. Johannes Mehne & Bernd Sütel (Germany) | An Australasian perspective: Green infrastructure and living architecture M. Sc. Matthew Dillon (Australia) | Airport-terminal in a garden Prasannamurti Desai (India) |
| 10.30 | Regenwassermanagement auf Gründächern und barrierefreien Dachterrassen Mathias Johr (Germany) | Artenreiche grüne Gebäudehüllen. Ein Projekt über bienenfreundliche Nahrungsquellen und Lebensräume in grünen Wänden Dr. Leoni Mack (Germany) | Photovoltaics on green roofs in Scandinavia Helen Johansson (Sweden) | The role of green tall buildings combined with vertical open space in metropolitans development on example Iran Aslan Jonoubi (Iran) | The intrinsic value of nature in urban design How can we create more symbiosis between humans and nature in indoor greening? Marian Stuiver (The Netherlands) |
| 11.00 | KAFFEE-PAUSE | | | | |
| | Themenblock Architektur- und Praxisbeispiele Moderation: Peter Menke | Themenblock Städtestrategien Moderation: Rudi Scheuermann | Themenblock Nachhaltigkeit Moderation: Susanne Formanek | Themenblock Technik Moderation: Stefan Zeller | Themenblock Innenraumbegrünung Moderation: Stefan Gentzen |
| 11.30 | 2023. Top 10 List of hot resilient trends in greenroof & greenwall design Linda S. Velazquez (USA) | Hortitecture. Mehr urbane Vitalität! Prof. Almut Grüntuch-Ernst (Germany) | The living architecture performance tool. Measuring the performance of green roofs and walls Steven W. Peck (Canada) | Nachträgliche Begrünung sonnenexponierter Glasfassaden mit vertikaler Bepflanzung Thomas Wultsch (Austria) | Schöne neue grüne Welt - Innenraumbegrünung 2030. Wo geht die Reise hin? Dipl.-Ing. Gerhard Zemp (Schweiz) |
| 12.00 | From Green Obsession to Vertical Forests Paolo Russo (Italy) | Quantifying the local benefits of green roofs provides the evidence-base for planning policy changes in Melbourne Prof. Dr. Nicholas Williams (Australia) | A tool to assess the ecosystemic performance of green roof projects Lionel Sindt (France) | greenBIM Digitalisierung und Bauwerksbegrünung Dipl.-Ing. Ralf Dopheide, Dr. Dipl.-Ing. Bente Knoll & Dipl.-Ing. Joachim Kräftner (Austria) | Dialogue of indoor greening with landscape architecture Giulia Pozzi (Germany) |
| 12.30 | The impressive green roof projects of Taiwan Dr. Yi-Jiung Eugenia Lin (Taiwan) | Green structures for energy efficient, resource-saving, human- and environment-friendly urban development Prof. Dr. Tetiana Tkachenko (Ukraine) | Decision making process in greening cities Prof. Dr. Julian Briz (Spain) | Simulationen der Wirkungen von Stadtgrün, insbesondere von Gebäudebegrünungen, am Beispiel Duisburg Peter Küsters (Germany) | Pflanzengesundheit in der Innenraumbegrünung durch moderne Gebäudetechnik am Beispiel des Großen Tropenhauses im Botanischen Garten Berlin Prof. Dr. Hartmut Balder & Prof. Dr.-Ing. Martin Behne (Germany) |
| 13.00 | MITTAGS-PAUSE | | | | |
| | Themenblock Politik Moderation: Peter Menke | Themenblock Nachhaltigkeit Moderation: Susanne Formanek | Themenblock Nachhaltigkeit: Solar-Gründächer Moderation: Dr. Jennifer Bousselet | Themenblock Architektur- und Praxisbeispiele Moderation: Rudi Scheuermann | Themenblock Technik Moderation: Stefan Zeller |
| 14.00 | Green roofs - an essential component to fulfil the Sustainable Development Goals and the Green Deal Europe in urban environments Prof. Dr. Manfred Köhler (Germany) | Unlocking the potential of green roofs using an economic assessment: a study from different green roof projects in Czechia Marek Hekrl (Czech Republic) | Pollinator Plant and Leafy Green Production in a Colorado Rooftop Agrivoltaic System Armando Villa-Ignacio, Hickey Thomas (USA) | Öffentlicher Dachgarten: Bunker St. Pauli Dipl. Ing. Felix Holzapfel-Herziger (Germany) | Monitoring für Gründächer. Sensorüberwachung und Dichtheitsprüfung Ullrich Kämmer (Germany) |
| 14.30 | French legislation in favour of the green roofs: history, content, advances and consequences Sophie Rousset-Rouvière (France) | Semi-intensive Dachbegrünung – ein innovatives Instrument für Klimaanpassung und Umweltschutz. Prof. Dr. Oleg Panferov (Germany) | Green roof and photovoltaik comparative research in Sydney Dr. Peter Irga (Australia) | Living Green Building „Aeres Hogeschool Almere“ Marc de Jager (The Netherlands) | Sichere Abdichtung von Grün- und Retentionsdächern schafft dauerhafte urbane Lebensräume und aktiven Klimaschutz Marc Niewöhner (Germany) |
| 15.00 | EU-Chapter. Overview of political activities in Brussels Antonin Chapelot (Slovenia) | Transitioning extensive green roofs to crop production for enhanced urban agriculture Prof. Dr. Marney Isaac (Canada) | Fauna begrünter Dächer, insbesondere bei Solar-Gründächern Dr. Stephan Brenneisen (Schweiz) | Biotope City. Die dichte Stadt als Natur am Beispiel der Biotope City Wienerberg in Wien Prof. Dr. Helga Fassbinder (The Netherlands) | Damage potential and avoidance of green roof design, installation and maintenance Ing. Pavel Dostal (Czech Republic) |
| 15.30 | KAFFEE-PAUSE | | | | |
| 16.00 | Moderation: Peter Menke Impuls 4: Frankfurter Brücken – die grüne Stadt der Zukunft interdisziplinär geplant Prof. Dr. habil. Hartmut Balder (Germany) | | | | |
| 16.30 | Impuls 5: Höchste Zeit, in Aktion zu treten Rudi Scheuermann (Germany) | | | | |
| 17.00 | Verleihung WGIN Awards, Rückblick WGIC 2023, Übergabe Weltkongress-Land 2024 Matthew Dillon, WGIN (Australia) | | | | |
| 17.30 | Schlusswort Dr. Gunter Mann, BuGG (Germany) | | | | |
| 17.45 | Ende Tag 2 | | | | |

| TIME | Raum MOA 6-9 | Room MOA 5 | Room MOA 4 | Room MOA 3 | Room MOA 1/2 |
|------------|--|--|---|---|---|
| from 07.30 | Registration | | | | |
| 08.45 | Entry | | | | |
| 09.00 | Chair: Peter Menke Welcome: Dr. Gunter Mann, BuGG (Germany), Prof. Dr. Manfred Köhler, WGIN (Germany), Dusty Gedge, EFB (Great Britain) | | | | |
| 09.30 | Welcome: Permanent Secretary Britta Behrendt, Senate Department for Mobility, Transport, Climate Protection and the Environment (Germany) | | | | |
| 09.45 | Impulse 1: The Vertical Garden. Science, Art and Sustainability Dr. Patrick Blanc (France) | | | | |
| 10.25 | Impulse 2: supergreen@ Christoph Ingenhoven (Germany) | | | | |
| 11.00 | Greeting Parliamentary State Secretary Elisabeth Kaiser, Bundesministerium für Wohnen, Stadtentwicklung und Bauwesen (Germany) | | | | |
| 11.30 | COFFEE BREAK | | | | |
| | Topic Urban strategies Chair: Peter Menke | Topic Rainwater management Chair: Dr. Friedrich Hetzel | Topic Technology Chair: Rudi Scheuermann | Topic Sustainability: Energy Chair: Susanne Formanek | Topic Indoor greening Chair: Stefan Gentzen |
| 12.15 | Urban Dialogue Building Green. Municipal funding instruments in Germany. Final report DBU funding project M.Sc. Rebecca Gohlke (Germany) | Sustainable cities through clever rainwater management M. Sc. Timon Lauber (Germany) | Fire protection of facade greening. State of the research Dipl.-Ing. Dieter Werner (Austria) | U-green. Building physics assessment of green facades and roofs Dr. Michaela Reim, Dr. Nadja Stingl-Sinn, Karin Hoffmann (Germany) | Plants at work Miriam Köpf (Germany) |
| 12.45 | Green roofs and walls - implementing a strategy. Experiences from Hamburg Dr. Hanna Bornholdt (Germany) | How roofs can contribute to water circularity in cities in different climate zones Friso Klapwijk (The Netherlands) | Fire protection of building greening in international comparison Dipl.-Ing. Katja Eiselt (Germany) | Increasing building energy efficiency using facade greening Wibke Niels (Germany) | The Building that Breathes Kelai Diebel (The Netherlands) |
| 13.15 | How to get more green buildings in the city? – Case study Berlin Dr. Heike Stock (Germany) | Green roofs as stormwater management solutions Gregor Kovač & Neva Zupanc (Slovenia) | System concept for wall-bound greening Dipl.- Ing. Clemens Belke & Christoph Krämer (Germany) | Characterization of the dynamic thermal response of green roofs under actual boundary conditions Tej Žižak (Slovenia) | Bringing nature indoors in practice Sander Kroll (The Netherlands) |
| 13.45 | LUNCH BREAK | | | | |
| | Topic Urban strategies Chair: Peter Menke | Topic Sustainability Chair: Susanne Formanek | Topic Architectural and practice examples Chair: Stefan Zeller | Topic Market Chair: Rudi Scheuermann | Topic Indoor greening Chair: Gerhard Zemp |
| 14.45 | Implementation of the green solutions in Polish cities - challenges and possibilities Dr. Marta Weber-Siwirska (Poland) | Multiannual uptake of CO₂ by two extensive green roofs Prof. Dr. Stephan Weber (Germany) | Green roof performance – individual requirements for future liveable cities Fabian Kaiser (Germany) | Nature-based solutions in Brazil Prof. Cecilia Polacow Herzog (Brazil) | green4indoor - Energy-efficient indoor climate control with plants Dr. Annette Bucher, Dr. Michaela Reim (Germany) |
| 15.15 | Green roofs as part of the renovation of buildings. Bringing nature back to the old town - Porto case study Dr. Paulo Palha (Portugal) | Moving towards carbon negative green roofs – BeNetGain Dusty Gedge (England) | The three-dimensional hanging garden of the Szellkapu Park (Budapest) Peter Dezsényi (Hungary) | Green roofs market in Spain. Monitoring and evaluation of impacts of green roofs in Barcelona. "Verd de proximitat BCN" project Dr. Gabriel Pérez Luque (Spain) | The new FLL-guidelines of interior greening. What is new Lea Nollen (Germany) |
| 15.45 | Singapore – from a Garden City to a City in Nature. Chintan Raveshia (Singapore) | Thermal effect of ivy façade on uninsulated exterior walls Dipl.-Ing. Erich Streit (Austria) | The Plus Furniture Factory (Magnor) David Brasfield (Norway) | New challenges in green walls and green roofs and looking beyond in India Hema Kumar (India) | Substrates for indoor greening. Requirements and implementation based on a practical example Dr. Martin Upmeier (Germany) |
| 16.15 | COFFEE BREAK | | | | |
| | Topic Health Chair: Peter Menke | Topic Biodiversity Chair: Stefan Zeller | Topic Sustainability: Use of water Chair: Dr. Friedrich Hetzel | Topic Architectural and practice examples Chair: Thomas Banzhaf | Topic Politics: Education Chair: Susanne Formanek |
| 16.45 | Liveable, Resilient, Regenerative - Healthy cities need new values Prof. Herbert Dreiseitl (Germany) | How to improve the habitat quality of extensive green roofs with native plants for insects? Prof. Dr. Kathrin Kiehl, M.Sc. Franziska Päscher (Germany) | Greywater as an alternative irrigation source for building greening DI Dr. Michael Gräf (Austria) | Copenhagen. The ski slope on the roof - a very extraordinary project Per Malmos (Denmark) | FABIKLI Facade greening and biomass utilisation for climate protection at schools - project presentation and first results Dr. Swenja Rosenwinkel (Germany) |
| 17.15 | Building greening as health promotion measure – Binding air pollution through wall-bound greening M. Sc. Kilian van Lier (Germany) | Biodiversity roof. Postal distribution centre Vomp/Tyrol/Austria Manuel Andreatta (Austria) | Circular Green Roofs: Utilizing Recycled Materials and Treated Greywater Marek Petreje (Czech Republic) | Challenges in building greening using two examples in gardening and landscaping: KöBogen 2 and Calwer Passage Hans-Christian Leonhards (Germany) | Urban Landscape Engineer. Hybrid educations for climate adaptation and preparation for global climate extremes Leila Tolderlund (Denmark) |
| 17.45 | Pollution (Nitrogen dioxide & Ozone & CO₂) abatement potential of Climbing Plants Minka Aduse-Poku (Germany) | Nature-inclusive building: how to measure biodiversity? Dipl.-Ing. Christian Tuschen & Willem van Strien (Germany) | Green walls for greywater treatment: contributions to the circular economy Ana Galvão (Portugal) | Think Green first. The impact of EU legislation to green sector Henrik Bos (Finland) | More greened schools Prof. Azra Korjenic (Austria) |
| 18.15 | End Day 1 | | | | |
| 19.30 | Conference Party | | | | |

Stand: 19 June 2023. Subject to changes

| TIME | Raum MOA 6-9 | Room MOA 5 | Room MOA 4 | Room MOA 3 | Room MOA 1/2 |
|------------|---|---|--|--|--|
| from 08.00 | Registration | | | | |
| 08.30 | Opening | | | | |
| 08.45 | Chair: Peter Menke Impuls 3: Form Follows Systems: New Languages of Integrated Nature Richard Hassell, WOHA-Architekten Singapur (online live) | | | | |
| | Topic Rainwater management Chair: Dr. Friedrich Hetzel | Topic Biodiversity Chair: Stefan Zeller | Topic Sustainability: Solar green roofs Chair: Susanne Formanek | Topic Urban strategy Chair: Rudi Scheuermann | Topic Indoor greening Chair: Gerhard Zemp |
| 09.30 | Long-term performance of retention roof greening. Results of an in-situ monitoring in Hamburg Dr. Michael Richter (Germany) | Understanding long term development of green roofs in Sweden and Finland Dr. Tobias Emilsson (Sweden) | The energygreenroof is marktable Andreas Dreisiebner (Switzerland) | Six visions of Biodivercities: Planning Towns in a Megadiverse Country. A Review of the National Policy on Green Infrastructure in Colombia Andres Ibanez (Colombia) | Urban Farming Unleashed: Embracing the Allure of Vertical Farming 2.0 Ema Šimurda (Germany) |
| 10.00 | Blue-Green and smart. Modern stormwater management of urban quarters M.Eng. Dominik Gößner (Germany) | Investigating the contribution of green roofs to urban ecological network at a city scale in Liege Mitali Yeshwant Joshi (Belgium) | Photovoltaic systems for green roofs. Biotope, water storage, air conditioning Dipl.-Ing. Johannes Mehne & Bernd Sütel (Germany) | An Australasian perspective: Green infrastructure and Living Architecture M. Sc. Matthew Dillon (Australia) | Airport-terminal in a garden Prasannamurti Desai (India) |
| 10.30 | Rainwater management on green roofs and barrier-free terraces Mathias Johr (Germany) | Species-rich green building envelopes. A project on bee-friendly food sources and habitats within green walls Dr. Leoni Mack (Germany) | Photovoltaics on green roofs in Scandinavia Helen Johansson (Sweden) | The role of green tall buildings combined with vertical open space in metropolitans development on example Iran Aslan Jonoubi (Iran) | The intrinsic value of nature in urban design How can we create more symbiosis between humans and nature in indoor greening? Marian Stuiver (The Netherlands) |
| 11.00 | COFFE BREAK | | | | |
| | Topic Architectural and practical examples Chair: Peter Menke | Topic Urban strategies Chair: Rudi Scheuermann | Topic Sustainability Chair: Susanne Formanek | Topic Technology Chair: Stefan Zeller | Topic Indoor greening Chair: Stefan Gentzen |
| 11.30 | 2023. Top 10 List of hot resilient trends in green-roof & greenwall design Linda S. Velazquez (USA) | Hortitecture. More urban vitality! Prof. Almut Grüntuch-Ernst (Germany) | The living architecture performance tool. Measuring the performance of green roofs and walls Steven W. Peck (Canada) | Retrofitting sun-exposed glazed buildings with vertical greenery Thomas Wultsch (Austria) | Brave new green world - indoor greening 2030. Where is the journey heading? Dipl.-Ing. Gerhard Zemp (Switzerland) |
| 12.00 | From Green Obsession to Vertical Forests Paolo Russo (Italy) | Quantifying the local benefits of green roofs provides the evidence-base for planning policy changes in Melbourne Prof. Dr. Nicholas Williams (Australia) | A tool to assess the ecosystemic performance of green roof projects Lionel Sindt (France) | greenBIM Digitisation and green infrastructure Dipl.-Ing. Ralf Dopheide, Dr. Dipl.-Ing. Bente Knoll & Dipl.-Ing. Joachim Kräftner (Austria) | Dialogue of indoor greening with landscape architecture Giulia Pozzi (Germany) |
| 12.30 | The impressive green roof projects of Taiwan Dr. Yi-Jiung Eugenia Lin (Taiwan) | Green structures for energy efficient, resource-saving, human- and environment-friendly urban development Prof. Dr. Tetiana Tkachenko (Ukraine) | Decision making process in greening cities Prof. Dr. Julian Briz (SPA) | Simulation of the effects of urban greenery, especially building greenery, by the example Duisburg Peter Küsters (Germany) | Plant health in indoor greenery through modern building technology using the example of the Great Tropical House in the Botanical Garden Berlin Prof. Dr. Hartmut Balder & Prof. Dr.-Ing. Martin Behne (Germany) |
| 13.00 | LUNCH BREAK | | | | |
| | Topic Politics Chair: Peter Menke | Topic Sustainability Chair: Susanne Formanek | Topic Sustainability: Solar green roofs Chair: Dr. Jennifer Bousset | Topic Architectural and practical examples Chair: Rudi Scheuermann | Topic Technology Chair: Stefan Zeller |
| 14.00 | Green roofs – an essential component to fulfil the Sustainable Development Goals and the Green Deal Europe in urban environments Prof. Dr. Manfred Köhler (Germany) | Unlocking the potential of green roofs using an economic assessment: a study from different green roof projects in Czechia Marek Hekrl (Czech Republic) | Pollinator Plant and Leafy Green Production in a Colorado Rooftop Agrivoltaic System Armando Villa-Ignacio, Hickey Thomas (USA) | Public roof garden: Bunker St. Pauli Dipl. Ing. Felix Holzapfel-Herziger (Germany) | Monitoring for green roofs. Sensor monitoring and leak testing Ullrich Kämmer (Germany) |
| 14.30 | French legislation in favour of the green roofs: history, content, advances and consequences Sophie Rousset-Rouvière (France) | Semi-intensive green roofs - an innovative climate adaptation and environmental protection instrument Prof. Dr. Oleg Panferov (Germany) | Green roof and photovoltaik comparative research in Sydney Dr. Peter Irga (Australia) | Living Green Building „Aeres Hogeschool Almere“ Marc de Jager (The Netherlands) | Safe sealing of green and retention roofs creates permanent urban habitats and active climate protection Marc Niewöhner (Germany) |
| 15.00 | EU-Chapter. Overview of political activities in Brussels Antonin Chapelot (Slovenia) | Transitioning extensive green roofs to crop production for enhanced urban agriculture Prof. Dr. Marney Isaac (Canada) | Fauna of green roofs, especially for solar green roofs Dr. Stephan Brenneisen (Switzerland) | Biotope City. The dense city as nature: the example of Biotope City Wienerberg in Vienna Prof. Dr. Helga Fassbinder (The Netherlands) | Damage potential and avoidance of green roof design, installation and maintenance Ing. Pavel Dostal (Czech Republic) |
| 15.30 | COFFEE BREAK | | | | |
| 16.00 | Chair: Peter Menke Impuls 4: The Frankfurt Bridges - The green city of the future – planned interdisciplinary Prof. Dr. habil. Hartmut Balder (Germany) | | | | |
| 16.30 | Impuls 5: High noon to get into action Rudi Scheuermann (Germany) | | | | |
| 17.00 | WGIN Awards ceremony, Review WGIC 2023, handover World Congress Country 2024 Matthew Dillon, WGIN (Australia) | | | | |
| 17.30 | Closing remarks Dr. Gunter Mann, BuGG (Germany) | | | | |
| 17.45 | End Day 2 | | | | |

Stand: 19 June 2023. Subject to changes

Silber-Sponsoren / Silver sponsors



Kongress-Partner / Congress partners



Medien-Partner / Media partners



Schirmherrschaft / Patronage

Unter der Schirmherrschaft des

