

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 / Organiser



ZEIT	Raum MOA HALL OF EVENTS	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)				
09.45	Impuls 1: Mur végétal (living walls). Case studies worldwide Patrick Blanc (France)				
10.25	Impuls 2: supergreen Christoph Ingenhoven (Germany)				
11.00	Grußwort: Bundesministerin Klara Geywitz, Ministerium für Wohnen, Stadtentwicklung und Bauwesen (Germany)				
11.30	KAFFEE-PAUSE				
	Themenblock Städtestrategien Moderation: N. N.	Themenblock Regenwasserbewirtschaftung Moderation: N. N.	Themenblock Technik Moderation: N. N.	Themenblock Nachhaltigkeit: Energie Moderation: N. N.	Themenblock Innenraumbegrünung Moderation: N. N.
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 (Netherlands)	Brandschutz bei Gebäudebegrünungen im internationalen Vergleich 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)	Promising alternative solutions for water management Gregor Kovač & Neva Zupanc (Slovenia)	Systemgedanke bei wandgebundener Fassadenbegrünung Dipl.- Ing. Clemens Belke (Germany)	Characterization of the dynamic thermal response of green roofs under actual boundary conditions Tej Žižak (Slovenia)	N. N. N. N.
13.45	MITTAGS-PAUSE				
	Themenblock Städtestrategien Moderation: N. N.	Themenblock Nachhaltigkeit Moderation: N. N.	Themenblock Architektur- und Praxisbeispiele Moderation: N. N.	Themenblock Markt Moderation: N. N.	Themenblock Innenraumbegrünung Moderation: N. N.
14.45	Implementation of the green solutions in Polish cities - challenges and possibilities Dr. Marta Weber-Siwirska (Poland)	Quantifizierung der mehrjährigen CO ₂ -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)	N. N. N. N.	Die neuen FLL-Innenraumbegrünungsrichtlinien - was gibt es Neues Lea Nollen (Germany)
15.45	Why is Singapore so successful in urban greening? 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)	N. N. N. N.
16.15	KAFFEE-PAUSE				
	Themenblock Gesundheit Moderation: N. N.	Themenblock Biodiversität Moderation: N. N.	Themenblock Nachhaltigkeit: Wassernutzung Moderation: N. N.	Themenblock Architektur- und Praxisbeispiele Moderation: N. N.	Themenblock Politik: Bildung Moderation: N. N.
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 (Germany)	Grauwasser als alternative Bewässerungsquelle für Gebäudebegrünungen Dipl.-Ing. Michael Gräf (Austria)	Copenhill. The ski slope on the roof - a very extraordinary project Per Malmos (Denmark)	Making green walls more accessible to primary schools: strategies at curricula, design and economics Michael McCullough (USA)
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)	Abwicklung von Gebäudegrün-Großbaustellen am Beispiel von Köbogen II (Düsseldorf) und Calwer Passage (Stuttgart) 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 & CO ₂) abatement potential of Climbing Plants Minka Aduse-Poku (Germany)	Naturverträgliches Bauen: Wie kann man Biodiversität messen? Dipl.-Ing. Christian Tuschen & Willem van Strien (Germany)	Green walls for greywater treatment: contributions to the circular economy Ana Galvão (Portugal)	Think Green First Henrik Bos (Finland)	Mehr grüne Schulen Prof. Azra Korjenic (Austria)
18.15	Ende Tag 1				
Ab 19.30	Conference Party				

ZEIT	HALL OF EVENTS	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: Presentation of special projects Richard Hassel, WOHA-Architekten Singapur (online live)				
	Themenblock Regenwasserbewirtschaftung Moderation: N. N.	Themenblock Biodiversität Moderation: N. N.	Themenblock Nachhaltigkeit: Solar-Gründächer Moderation: N. N.	Themenblock Städtestrategien Moderation: N. N.	Themenblock Innenraumbegrünung Moderation: N. N.
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 (Switzerland)	Six visions of Biodivercities: Planning towns in a megadiverse country. A review of the national policy on green infrastructure in Columbia Andres Ibanez (Colombia)	Bringing nature indoors in practice Sander Kroll (The Netherlands)
10.00	Blau-Grün und smart. Modernes Regenwassermanagement von Stadtquartieren 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)	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 Jahr (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)	N. N. N. N.
11.00	KAFFEE-PAUSE				
	Themenblock Architektur- und Praxisbeispiele Moderation: N. N.	Themenblock Städtestrategien Moderation: N. N.	Thememblock Nachhaltigkeit Moderation: N. N.	Themenblock Technik Moderation: N. N.	Themenblock Innenraumbegrünung Moderation: N. N.
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 (Switzerland)
12.00	Green Obsession 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 Sophie Rousset-Rouvière (France)	greenBIM Digitalisierung und Bauwerksbegrünung Dipl.-Ing. Ralf Dopheide, Dr. Dipl.-Ing. Bente Knoll & Dipl.-Ing. Joachim Kräftner (Austria)	N. N. N. N.
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)	N. N. N. N.
13.00	MITTAGS-PAUSE				
	Themenblock Politik Moderation: N. N.	Themenblock Nachhaltigkeit Moderation: N. N.	Themenblock Nachhaltigkeit: Solar-Gründächer Moderation: Dr. Jennifer Bousselet	Themenblock Architektur- und Praxisbeispiele Moderation: N. N.	Themenblock Technik Moderation: N. N.
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)	Evaluating 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. Irga Peter (Australia)	Living Green Building „Aeres Hogeschool Almere“ Marc de Jager (Netherlands)	Sichere Abdichtung von Grün- und Retentionsdächern schafft dauerhafte urbane Lebensräume und aktiven Klimaschutz Marc Niewöhner (Germany)
15.00	EU-Chapter. Results 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 (Switzerland)	Biotope City. Die dichte Stadt als Natur am Beispiel der Biotope City Wienerberg in Wien Prof. Dr. Helga Fassbinder (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. Hartmut Balder & Dr. Simin Mazaheri (Germany)				
16.30	Impuls 5: N. N.				
17.00	Rückblick WGIC 2023, Übergabe Weltkongress-Land 2024 und Schlusswort				
17.30	Ende Tag 2				

TIME	HALL OF EVENTS	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)				
09.45	Impulse 1: Mur Végétal (living walls). Case studies worldwide Patrick Blanc (France)				
10.25	Impulse 2: supergreen Christoph Ingenhoven (Germany)				
11.00	Greeting Federal Minister Klara Geywitz, Federal Minister for Housing, Urban Development and Building (Germany)				
11.30	COFFEE BREAK				
	Topic Urban strategies Chair: N. N.	Topic Rainwater management Chair: N. N.	Topic Technology Chair: N. N.	Topic Sustainability: Energy Chair: N. N.	Topic Indoor greening Chair: N. N.
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 (Netherlands)	Fire protection of building greening in international comparison Katja Eiselt (Germany)	Increasing building energy efficiency using facade greening Wibke Niels (Germany)	The Building that Breathes Kelai Diebel (Netherlands)
13.15	How to get more green buildings in the city? – Case study Berlin Dr. Heike Stock (Germany)	Promising alternative solutions for water management Gregor Kovač & Neva Zupanc (Slovenia)	System concept for wall-bound greening Dipl.-Ing. Clemens Belke (Germany)	Characterization of the dynamic thermal response of green roofs under actual boundary conditions Tej Žižak (Slovenia)	N. N. N. N.
13.45	LUNCH BREAK				
	Topic Urban strategies Chair: N. N.	Topic Sustainability Chair: N. N.	Topic Architectural and practice examples Chair: N. N.	Topic Market Chair: N. N.	Topic Indoor greening Chair: N. N.
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)	N. N. N. N.	The new FLL-guidelines of interior greening. What is new Lea Nollen (Germany)
15.45	Why is Singapore so successful in urban greening? 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)	N. N. N. N.
16.15	COFFEE BREAK				
	Topic Health Chair: N. N.	Topic Biodiversity Chair: N. N.	Topic Sustainability: Use of water Chair: N. N.	Topic Architectural and practice examples Chair: N. N.	Topic Politics: Education Chair: N. N.
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 (Germany)	Greywater as an alternative irrigation source for building greening Dipl.-Ing. Michael Gräf (Austria)	Copenhill. The ski slope on the roof - a very extraordinary project Per Malmos (Denmark)	Making green walls more accessible to primary schools: strategies at curricula, design, and economics Michael McCullough (USA)
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)	Management of large-scale green building sites using the example of KöBogen II (Dusseldorf) and Calwer Passage (Stuttgart) 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 Henrik Bos (Finland)	More greened schools Prof. Azra Korjenic (Austria)
18.15	End Day 1				
19.30	Conference Party				

TIME	HALL OF EVENTS	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: Presentation of special projects Richard Hassel, WOHA-Architekten Singapur (online live)				
	Topic Rainwater management Chair: N. N.	Topic Biodiversity Chair: N. N.	Topic Sustainability: Solar green roofs Chair: N. N.	Topic Urban strategy Chair: N. N.	Topic Indoor greening Chair: N. N.
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)	Bringing nature indoors in practice Sander Kroll (The Netherlands)
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 roof terraces Mathias Jahr (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)	N. N. N. N.
11.00	COFFE BREAK				
	Topic Architectural and practical examples Chair: N. N.	Topic Urban strategies Chair: N. N.	Topic Sustainability Chair: N. N.	Topic Technology Chair: N. N.	Topic Indoor greening Chair: N. N.
11.30	2023. Top 10 List of hot resilient trends in green-roof & greenwall design Linda S. Velazquez (USA)	Horticulture. 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	Green Obsession 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 Sophie Rousset-Rouvière (France)	greenBIM Digitisation and green infrastructure Dipl.-Ing. Ralf Dopheide, Dr. Dipl.-Ing. Bente Knoll & Dipl.-Ing. Joachim Kräftner (Austria)	N. N. N. N.
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)	Simulations of the effects of urban greening, in particular of building greening, using the example of Duisburg Peter Küsters (Germany)	N. N. N. N.
13.00	LUNCH BREAK				
	Topic Politics Chair: N. N.	Topic Sustainability Chair: N. N.	Topic Sustainability: Solar green roofs Chair: Dr. Jennifer Bousset	Topic Architectural and practical examples Chair: N. N.	Topic Technology Chair: N. N.
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)	Evaluating 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 photovoltaic comparative research in Sydney Dr. Irga Peter (Australia)	Living Green Building „Aeres Hogeschool Almere“ Marc de Jager (Netherlands)	Safe sealing of green and retention roofs creates permanent urban habitats and active climate protection Marc Niewöhner (Germany)
15.00	EU-Chapter. Results 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 (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. Hartmut Balder & Dr. Simin Mazaheri				
16.30	Impuls 5: N. N.				
17.00	Review WGIC 2023, handover World Congress Country 2024 and closing remarks				
17.30	End Day 2				

Stand: 04.05.2023. Subject to changes.

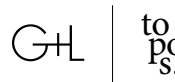
Silber-Sponsoren / Silver sponsors



Kongress-Partner / Congress partners



Medien-Partner / Media partners



Schirmherrschaft / Patronage

Unter der Schirmherrschaft des

