

2ND **EUROPEAN URBAN GREEN INFRASTRUCTURE CONFERENCE**

29-30 NOVEMBER 2017
BUDAPEST

PARTNERS

CONFERENCE PROGRAMME

SPEAKERS

POSTERS



www.eugic.events



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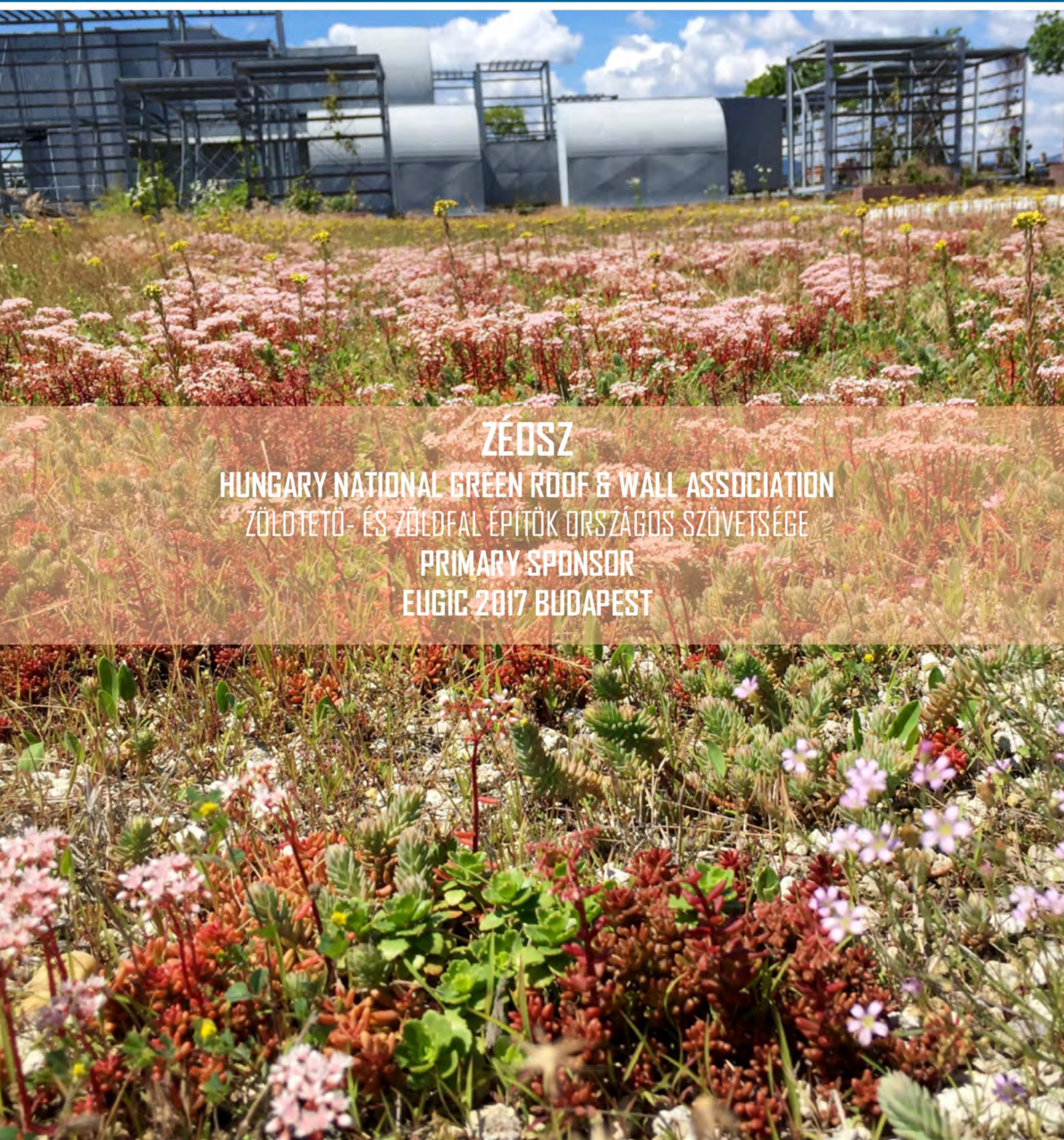
CONFERENCE PROGRAMME

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FOREWORD



BALÁZS SZENECZEY DR.

DEAR GUESTS,

Budapest is often mentioned as an outstanding destination because of its great cultural offerings and world-famous thermal baths. Visitors wandering through our beautiful city will also experience the richness of Budapest's natural resources.

Nowadays, green infrastructure is becoming part of a mainstream integrated approach, concentrating our efforts to protect biodiversity, forests and in the case of cities, city parks and green spaces.

This new green infrastructure approach has of course

reached our city too. We and our stakeholders have recently adopted a new green infrastructure strategy for the city, as an effective planning tool to protect biological diversity, and also to help create a liveable, sustainable and environmentally-conscious Budapest.

I am sure the challenges we face are not unfamiliar to you either. I believe that the EUGIC 2017 conference is an excellent opportunity to share and adopt good practices. I hope that the concept of a green city, and the road towards your own green city, runs through Budapest.

WELCOME ALL TO OUR CITY!

Balázs Szeneczey dr.

Deputy Mayor of Budapest



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DUSTY GEDGE

There was a real buzz in Vienna two years ago. Our highly interactive and informative conference set out the agenda for how to deliver urban green infrastructure in Europe. Budapest is going to create a real buzz as well as a lot has happened in Europe in 2015.

Over the last two years, projects across the continent have started to develop a nature-based-solutions approach to the many issues that cities face. Many of these projects will be telling delegates to EUGIC 2017 about where they are going and how they are helping to develop a vision of greener cities for Europe.

Cities are also here taking part, including Paris, London, Vienna, Budapest and Wroclaw, updating the conference on where they are at and where they are aiming to be in the future.

Urban green infrastructure is a developing field that encompasses many professionals and players. And all these players need to act together. I hope that we will set the stage in Budapest to further accelerate the European green infrastructure story.

Dusty Gedge

President of the EFB
Founder of Livingroofs.org
Director of the Green Infrastructure Consultancy
www.efb-greenroof.eu



GREENER CITIES
IN EUROPE



VERA ENZI

Vienna as Host City for EUGIC 2015 really spurred on the Austrian Green Infrastructure community. Numerous cities like Graz established regulations and incentive schemes to support greening roofs and walls for climate change adaptation. The Austrian Green Infrastructure Network ÖGREEN was founded in 2016 as the neutral, national instrument for lobbying and mainstreaming green infrastructure. And in 2017, the umbrella organisation GRÜNSTATTTGRAU Innovation Laboratory began its demonstration, co-creation and innovation work in seven Austrian cities, linking a project network of over 300 partners from public, science and business to green multiple city areas by 2022.

GRÜNSTATTTGRAU and the VFB wish Host City Budapest and Hungary all the best for EUGIC 2017 and the future, strengthening Hungary's green branches, and wishing you the same impetus for progress in the coming years that EUGIC 2015 gave us.

Vera Enzi

GRÜNSTATTTGRAU - the Austrian Green Roof and Living Wall Association
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EUGIC 2017 BUDAPESTjames.atkins@vertis.com**DR. ERZSÉBET GERGELY**

Is there anybody, who has never thought about combining benefits of city life with preserving and enjoying natural values, beautiful landscapes and tranquillity? Really, should we toggle between them, or is it only a dream? This conference is organised to line up with those, who believed that it could be reality. To get it, we should revive common understanding and cooperation among citizens, architects, landscape architects, ecologists and engineers, developers and policy makers. The variety of the stakeholders in this issue is similar to how biodiversity is an essential condition to the services and resilience of ecosystems giving life and prosperity for our Planet.

This conference is a forum for global and local experts, practitioners from Europe and around the world to be inspired, providing best practices, sharing experience, initiating cooperation and raising awareness for the necessary shift towards sustainability.

CEEweb is strongly engaged in the enhancement of biodiversity, green infrastructure, smart and green solution. It is a sheer pleasure and honour to be one of the partner organisations of the event. Let's raise the buzz of the previous Vienna Conference and make a breakthrough for green cities!

dr. Erzsébet GergelyGeneral Secretary
CEEweb for Biodiversitywww.ceeweb.org**PÉTER DEZSÉNYI**

As Hungary's National Green Roof and Wall Association, ZÉOSZ is delighted to be Primary Sponsor of EUGIC 2017.

Hungary is really moving forward on supporting the implementation of urban green infrastructure for all its many benefits - to nature, to us for health and wellbeing, for climate change adaptation, for improved air and water quality and for economic prosperity.

We are pleased to be playing a role in supporting the European green infrastructure movement through this conference and look forward to the many great discussions, workshops and presentations, sharing ideas, challenges overcome and lessons learnt, through these two days. We are also looking forward to the EUGIC 2017 Awards. Whichever the winners, the projects, visions and research enetred and now available to see in the Poster Exhibition are all of a very high quality. We look forward to seeing many more urban green infrastructure projects and ideas like this take hold throughout our cities, for a greener future for all.

Péter Dezsényi

President of ZÉOSZ

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www.biotope-city.net



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CENS - Center for Ecological-Noosphere Studies, National Academy of Sciences of Armenia
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CEU - Central European University
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Green City Hungary - Zöldebb Városokért Mozgalom
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GIP - Green Infrastructure Partnership
www.tcpa.org.uk/pages/category/green-infrastructure-partnership



GreenInUrbs
www.greeninurbs.com/



HDKA - Hrvatsko društvo krajobraznih arhitekata - Croatian Society of Landscape Architects
hdka.hr



Hungary Association of Climate Friendly Municipalities - Klímabarád települések Szövetsége
klimabarat.hu/



IALE UK - International Association of Landscape Ecologists
iale.uk



IAUC - International Association of Urban Climate
www.urban-climate.org/



ICLEI Europe - Local Governments for Sustainability
www.iclei-europe.org/



IFLA - International Federation of Landscape Architects
<http://iflaonline.org/>



ISA - Instituto Superior de Agronomia, University of Lisbon
<https://www.isa.ulisboa.pt/en>



ISOCARP - International Society of City and Regional Planners
<https://isocarp.org/>



IST - Instituto Superior Técnico Lisboa
<https://tecnico.ulisboa.pt/en/>



IUCN - International Union for Conservation of Nature
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IVF - International Visegrad Fund
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Landscape Institute
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LIFE Programme
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www.tajepiteszek.hu/



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SD-MED Observation
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SGIA - Scandinavian Green Infrastructure Association
scandinavian-green-roof.org/



SPAK - Association of Polish Landscape Architects
www.architekci-krajobrazu.org/



Team London Bridge
www.teamlondonbridge.co.uk/



WGIN - World Green Infrastructure Network
www.worldgreenroof.org/



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EUGIC 2017 BUDAPEST ORGANISING TEAM

EUGIC 2017 BUDAPEST **ORGANISING TEAM:**



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Simona Šulíková
Noémi Kuszmann
Linda Szabó

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EFB – EUROPEAN FEDERATION OF GREEN ROOF AND WALL ASSOCIATIONS

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Vera Enzi
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LIVINGROOFS.ORG

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www.livingroofs.org

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WITH **SPECIAL THANKS TO:**

CONFERENCE CHAIR Jim McClelland, *Sustainable Futurist, Sustmeme.com*

WEBSITE AND BRANDING by Derek Brown

CONFERENCE BROCHURE AND MATERIALS DESIGN by Linda Szabó



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EUGIC 2017 BUDAPEST

CONFERENCE PROGRAMME

CONFERENCE CHAIR **Jim McClelland**, *Sustainable Futurist, Sustmeme.com*

9.00	Session 1	<p>WELCOME TO EUGIC 2017 hosted by the City of Budapest</p> <ul style="list-style-type: none">• WELCOME TO BUDAPEST Balázs Szeneczey Dr – <i>Deputy Mayor of Budapest</i>• IMPACTS OF EUGIC 2015 VIENNA Vera Enzi – <i>GRÜNSTATTGRAU, Austrian Green Roof & Wall Association</i>• OVERVIEW OF EUGIC 2017 BUDAPEST Dusty Gedge President of the EFB – <i>European Federation of Green Roof and Wall Associations, Director of Livingroofs.org</i>
9.30	Session 2	<p>CLIMATE CHANGE, CITIES AND GREEN INFRASTRUCTURE EXEMPLAR URBAN GREEN INFRASTRUCTURE PROJECTS FOR ADAPTATION AND NATURE.</p> <ul style="list-style-type: none">• FROM MILAN'S BOSCO VERTICALE TO CHINA'S NANJING VERTICAL FOREST TOWERS Laura Gatti <i>Studio Laura Gatti Landscape</i>• CLIMATE PERTURBATION, CITIES AND GREEN INFRASTRUCTURE Gary Grant <i>Green Infrastructure Consultancy</i>• GREEN INFRASTRUCTURE BENEFITS AND URBAN POLICIES: SYNERGIES AND CONFLICTS – SOME EUROPEAN EXPERIENCE Ronan Uhel <i>Head of Programme, Natural Systems & Sustainability, European Environmental Agency</i>• RESEARCH AND INNOVATION FOR ADAPTATION AND NATURE IN CITIES Marco Fritz <i>Lead on nature-based solutions, DG Research & Innovation, European Commission</i> <p>PANEL DISCUSSION AND Q&A</p>
10.30	Morning Break	
11.00	Session 3	<p>THE BENEFITS OF URBAN GREEN INFRASTRUCTURE NATURE-BASED SOLUTIONS FOR SUSTAINABLE CITIES – FROM HEALTH AND WELL-BEING BENEFITS, FOOD GROWING, AND VERTICAL FARMS TO AIR QUALITY, URBAN COOLING AND STORMWATER MANAGEMENT. Hosted by Rita Mayrhofer, Biotope City Journal</p> <ul style="list-style-type: none">• LOCAL GOVERNMENTS FOR SUSTAINABILITY SUSTAINABLE CITIES AND THE BENEFITS OF GREEN INFRASTRUCTURE TO REACH OUR GOALS Holger Robrecht <i>ICLEI Europe</i>• THE URBAN HEAT ISLAND AND HOW TO COPE WITH IT THROUGH URBAN GREEN INFRASTRUCTURE? Bernhard Scharf <i>BOKU University of Natural Resources & Life Sciences Vienna</i>• VERTICAL FARMING – TOWARDS A NEW BUILDING TYPOLOGY FOR THE 21ST CENTURY Daniel Podmirseg <i>Vertical Farming Institute</i>• PLANNING A BIOTOPE CITY Rita Mayrhofer <i>Biotope City Journal</i> <p>PANEL DISCUSSION AND Q&A</p>
12.30	Lunch	

1.30	Session 4	<p>HORIZON 2020 – NEXT GENERATION NATURE-BASED SOLUTIONS FOR CITIES</p> <p>This session focuses on past and present European projects on urban green infrastructure and nature-based solutions come together to reflect on and showcase activities in cities, by businesses and in the research arena and outline steps towards a (realistic) greener future in European cities.</p> <p>The session is led by Nature4Cities, NATURVATION and CONNECTING Nature, with support from Oppla and Think Nature</p> <p><i>Input 1</i></p> <ul style="list-style-type: none">• EXPERIENCES AND LESSONS LEARNED FROM PREVIOUS PROJECTS – GREENINURBS Carlo Calfapietra <i>Institute of Agro-Environmental & Forest Biology (IBAF), National Research Council (CNR)</i> <p><i>Input 2</i></p> <ul style="list-style-type: none">• EKLIPSE FRAMEWORK REPORT NBS – CONNECTING H2020 PROJECTS Dr Mihai-Răzvan Niță <i>University of Bucharest and Centre for Environmental Research and Impact Studies</i> <p><i>Input 3</i></p> <ul style="list-style-type: none">• 1,000 CASE STUDIES FROM 100 EUROPEAN CITIES – NATURVATION DATABASE Prof László Pintér <i>Central European University and the IISD</i> <p>SHORT Q&A</p>
2.10 – 2.30		<p>INTRODUCTION TO THE FIVE H2020 STORY CORNERS ON THE MAIN STAGE</p>
2.30 – 3.30		<p>THE DIVERSITY OF ACTIVITIES ON NATURE-BASED SOLUTIONS IN EUROPE, THROUGH FIVE H2020 STORY CORNERS WITH STAKEHOLDERS FROM CITY AUTHORITIES, BUSINESSES AND THE RESEARCH COMMUNITY</p> <p><i>Story Corner 1</i></p> <ul style="list-style-type: none">• CAN NATURE-BASED SOLUTIONS DELIVER WHAT WE HOPE FOR? LOOKING AT WHAT HAS BEEN DONE IN CITIES AND WAYS OF ASSESSING NATURE-BASED SOLUTIONS NATURE4CITIES – Flóra Szkordilis <i>MUTK Hungarian Urban Knowledge Centre</i> NATURVATION – Attila Katona <i>EIT Climate-KIC and PhD at CEU</i> <p><i>Story Corner 2</i></p> <ul style="list-style-type: none">• WHAT CAN WE DO BETTER IN IMPLEMENTING NATURE-BASED SOLUTIONS? REFLECTIONS AND RECOMMENDATIONS FROM WORK SO FAR EKLIPSE – Dr Mihai-Răzvan Niță <i>University of Bucharest and Centre for Environmental Research and Impact Studies</i> GREENINURBS – Carlo Calfapietra <i>Institute of Agro-Environmental & Forest Biology (IBAF), National Research Council (CNR)</i> <p><i>Story Corner 3</i></p> <ul style="list-style-type: none">• OFF TO NEW ADVENTURES! EXPLORING THE NEXT GENERATION OF EUROPEAN NATURE-BASED SOLUTIONS PROJECTS CONNECTING NATURE – Marcus Collier <i>Trinity College Dublin and TURAS Mobile Green Living Room</i> CONNECTING NATURE – Lilit Khachatryan <i>Center for Ecological-Noosphere Studies Armenia</i> <p><i>Story Corner 4</i></p> <ul style="list-style-type: none">• HOW CAN WE MAKE NATURE-BASED SOLUTIONS HAPPEN? CITIES, BUSINESSES AND RESEARCHERS SHARE THEIR WAY OF REALISING NATURE-BASED SOLUTIONS TOGETHER ICLEI EUROPE – Holger Robrecht <i>Deputy Regional Director</i> ICLEI EUROPE – Alice Reil <i>Sustainable Resources, Climate and Resilience Officer</i> <p><i>Story Corner 5</i></p> <ul style="list-style-type: none">• WELLBEING IN CITIES THROUGH NATURE-BASED SOLUTIONS: IS IT POSSIBLE TO IMPROVE? IS IT POSSIBLE TO MEASURE? URBAN GREENUP – Raúl Sánchez and Nuria García <i>CARTIF Foundation</i> <p>H2020 'HARVEST' AND Q&A</p>
3.30	Afternoon Break	
4.00	Session 5	<p>EMERGING MARKETS AND INDUSTRY SPEED DATING!</p> <p>4.00 – 4.15</p> <ul style="list-style-type: none">• KEYNOTE INTRODUCTION TO MARKETS, TRENDS IN GREEN INFRASTRUCTURE Manfred Peritsch <i>IMG Innovation-Management-Group GmbH</i> <p>4.20 – 4.40</p> <ul style="list-style-type: none">• 120-SECOND INDUSTRY PITCHES ON THE MAIN STAGE <p>4.40 – 5.15</p> <ul style="list-style-type: none">• INTERACTIVE SPEED DATING SESSION <p>5.15 – 5.30</p> <ul style="list-style-type: none">• FEEDBACK FROM INDUSTRY SPEED DATING

HORIZON 2020 SESSION

1.30 – 3.30 SESSION 4 | 29 NOVEMBER 2017

To look back at the lessons learnt from past European urban green infrastructure projects, understand how we can grasp the impact of nature-based solutions on the ground and be inspired by the wide variety already in our cities.

PART I.

1.30 – 2.10

THREE PERSPECTIVES ON PAST AND PRESENT NATURE-BASED SOLUTIONS IN EUROPEAN CITIES

To look back at the lessons learnt from past European urban green infrastructure projects, understand how we can grasp the impact of nature-based solutions on the ground and be inspired by the wide variety already in our cities.

Input 1

- WHAT DID WE LEARN? EXPERIENCES FROM GREENINURBS
GREENINURBS – **Carlo Calfapietra** Institute of Agro-Environmental & Forest Biology (IBAF), National Research Council (CNR)

Input 2

- WHAT DO WE KNOW AND HOW CAN WE ASSESS NATURE-BASED SOLUTIONS BETTER?
OVERVIEW OF THE EKLIPSE MECHANISM
EKLIPSE – **Dr Mihai-Răzvan Niță** University of Bucharest and Centre for Environmental Research and Impact Studies

Input 3

- WHAT IS OUT THERE ALREADY? EXAMINING NATURE-BASED SOLUTIONS IN MORE THAN 100 EUROPEAN CITIES
NATURVATION DATABASE – **Prof László Pintér** Central European University and the IISD

SHORT Q&A

PART II.

2.10 – 2.30

INTRODUCTION TO THE FIVE H2020 STORY CORNERS ON THE MAIN STAGE

2.30 – 3.30

HORIZON2020 AND NATURE-BASED SOLUTIONS STORIES

The diversity of activities on nature-based solutions in Europe, through six H2020 Story Corners with stakeholders from city authorities, businesses and the research community. To share in-depth examples from key H2020 and nature-based solutions projects, to guide future city development and provide direction for business, research and city collaboration.

Moderators: **Vera Enzi** Nature4Cities, and **Alice Reil** ICLEI Europe.

Story Corner 1

- CAN NATURE-BASED SOLUTIONS DELIVER WHAT WE HOPE FOR? LOOKING AT WHAT HAS BEEN DONE IN CITIES AND WAYS OF ASSESSING NATURE-BASED SOLUTIONS
Hosts: NATURE4CITIES – **Flóra Szkordilisz** MUTK Hungarian Urban Knowledge Centre
NATURVATION – **Attila Katona** EIT Climate-KIC and PhD at CEU
Content: Detailed presentation of NATURVATION’s database of over 1,000 nature-based solutions; Nature4Cities indicator catalogue to help assess the impact of nature-based solutions and their applicability
Short description: In Story Corner 1, the two projects Nature4Cities and NATURVATION, funded by the European Commission, will showcase the concept and diversity of urban nature-based solutions, based on assessments of more than 1,000 nature-based solutions in more than 100 European cities and integrating them into a forthcoming database. Nature4Cities will showcase how they plan to assess the impact of nature-based solutions on the ground. Both projects will discuss to what extent these approaches are applicable in real life – and give cities the information they need to pave the way for sustainable nature-based solutions.

Story Corner 2

- WHAT CAN WE DO BETTER IN IMPLEMENTING NATURE-BASED SOLUTIONS? REFLECTIONS AND RECOMMENDATIONS FROM WORK SO FAR
Hosts: EKLIPSE – **Dr Mihai-Răzvan Niță** University of Bucharest and Centre for Environmental Research and Impact Studies
GREENINURBS – **Carlo Calfapietra** Institute of Agro-Environmental & Forest Biology (IBAF), National Research Council (CNR)
Content: Lessons learnt from studying and implementing nature-based solutions across Europe.
Short description: In Story Corner 2, lessons learnt from past and current urban green infrastructure projects will help formulate recommendations for ongoing and future projects on nature-based solutions. Reflecting on approaches, opportunities and challenges of implementing nature-based solutions.

Story Corner 3

- OFF TO NEW ADVENTURES! EXPLORING THE NEXT GENERATION OF EUROPEAN NATURE-BASED SOLUTIONS PROJECTS
Hosts: CONNECTING NATURE – **Marcus Collier** Trinity College Dublin and
TURAS MOBILE GREEN LIVING ROOM – **Lilit Khachatryan** Center for Ecological-Noosphere Studies Armenia
Content: 11 cities taking the lead in developing and implementing nature-based solutions with the support of researchers.
Short Description: In Story Corner 3, cities and project leaders will outline plans for realising nature-based solutions on the ground, building the capacity and knowledge of other European cities and businesses and advancing science for better decision-making.

Story Corner 4

- HOW CAN WE MAKE NATURE-BASED SOLUTIONS HAPPEN? CITIES, BUSINESSES AND RESEARCHERS SHARE THEIR WAY OF REALISING NATURE-BASED SOLUTIONS TOGETHER
Host: ICLEI EUROPE – **Holger Robrecht** Deputy Regional Director and **Alice Reil** Sustainable Resources, Climate and Resilience Officer
Content: Opportunities and challenges of joining forces to find and implement the ‘right’ NBS locally
Short Description: In Story Corner 4, European cities, businesses and researchers share experiences of implementing nature-based solutions. Cities present how they identify and then communicate the need for nature-based solutions, whilst businesses outline their strategy of providing fitting solutions and turning them into a business model, along with the challenges they face. Researchers and cities share how they collaborate to find the ‘right’ nature-based solutions locally, that businesses then can help to create.

Story Corner 5

- WELLBEING IN CITIES THROUGH NATURE-BASED SOLUTIONS: IS IT POSSIBLE TO IMPROVE? IS IT POSSIBLE TO MEASURE? HOW CAN WE MONITOR WELLBEING DUE TO NATURE-BASED SOLUTIONS IN CITIES? HOW CAN WE MONETIZE WELLBEING RELATED TO GREEN INFRASTRUCTURE IN OUR CITIES?
Hosts: URBAN GREENUP – **Raúl Sánchez Francés** and **Nuria García** CARTIF Foundation, **Clare Olver**, Mersey Forest
Content: Mechanisms to link urban well-being and green infrastructure. Tools to identify, assess and monitor how nature-based solutions can improve wellbeing in cities.
Short description: In Story Corner 6, it is expected to put in common the different mechanisms and methodologies to associate Green Infrastructure to the urban wellbeing. At the same way, it will be possible to know how a city can improve living conditions through nature-based solutions making the city a more liveable place, bearing in mind the improvement of ecosystem services and how is it possible to monetize this improvement.

‘HARVEST’ AND Q&A (20 mins)

INDUSTRY SPEED DATING

4.00 – 5.30 SESSION 5 | 29 NOVEMBER 2017

An innovative, dynamic and exciting new session to showcase the European urban green infrastructure industry's recent developments and brightest ideas, and meet the people driving urban green infrastructure projects across Europe.

Ten companies come to the stage, to pitch their business and then dive into strategic talks with 'dating partners'.

SESSION FOCUS:

To give industry players, designers and project drivers the opportunity to make new contacts with stakeholders relevant to their business.

SESSION LEADERS:

Manfred Peritsch IMG Innovation-Management- Group GmbH

Vera Enzi GrünstattGrau, EFB

PROGRAMME:

4.00 – 4.15	KEYNOTE INTRODUCTION TO MARKETS, TRENDS IN GREEN INFRASTRUCTURE Manfred Peritsch
4.15 – 4.20	INTRODUCTION TO THE INTERACTIVE PART OF THE SESSION
4.20 – 4.40	120-SECOND INDUSTRY PITCHES ON THE MAIN STAGE ALCHEMIA-NOVA www.alchemia-nova.net ARBORING www.arboring.hr AVOCET HOLDING james.atkins@vertis.com FERM O FEED www.fermofeed.com/about-fertilizers/brochures GKR GERMANY www.floating-plants.com LIKO-S AND LIKO-NOE www.liko-s.cz/en/ SCOTSCAPE LTD www.scotscape.net SUAN LTD www.suanltd.co.uk TERRAWAY MAGYARORSZÁG KFT www.terraway.hu VEGETAL I.D. www.vegetalid.com
4.40 – 5.15	INTERACTIVE SPEED DATING SESSION WITH INDUSTRY
5.15 – 5.30	FEEDBACK FROM INDUSTRY SPEED DATING – WHAT NEXT?

INTERNATIONAL VISEGRAD FUND SIDE SESSION

SMART AND GREEN – THE FUTURE OF VISEGRAD CITIES:
HOW WOULD YOUR DREAM CITY LOOK LIKE?

3.45 – 6.00 SESSION 5 | 30 NOVEMBER 2017

Presenting the results of joint projects from Hungary, Czech Republic, Slovakia and Poland

3.45 – 4.30	PART 1 – PRESENTATIONS: RESULTS FROM THE FOUR COUNTRIES HUNGARY – Erzsébet Óhegyi CEEweb for Biodiversity SLOVAKIA – Maria Bihunova Association for Garden Design and Landscaping CZECH REPUBLIC – Pavel Dostal Czech Landscape Gardening Association POLAND – Marta Weber - Siwirska Polish Green Roof Association
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4.50 – 6.00

PART 2 – WORKSHOP: HOW WOULD YOUR DREAM CITY LOOK LIKE?

Seminar participants jointly develop the cases with the help of four facilitators.
Small group representatives / 4 Facilitators present each developed case

SUMMARY AND CLOSE



EVENING PROGRAMME

EUGIC 2017 Budapest Evening Programme takes place at our cutting-edge venue the Akvárium
<http://en.akvariumklub.hu/>

6.00 – 6.30	EUGIC 2017 BUDAPEST PRESS CONFERENCE
6.30 – 7.30	EUGIC 2017 BUDAPEST EVENING AWARDS CEREMONY with a celebration of Hungarian wine
7.30	SOCIAL NETWORKING in the Akvárium Bar

EUGIC 2017 URBAN GREEN INFRASTRUCTURE AWARDS

The EUGIC 2017 Budapest Awards celebrate implemented urban green infrastructure projects, research or visions for cities. Posters exhibited at EUGIC 2017 Budapest are automatically entered for the EUGIC 2017 Urban Green Infrastructure Awards. Three winners have been selected by the EUGIC 2017 Jury, to be presented at the EUGIC 2017 Urban Green Infrastructure Awards Ceremony.

Special Guest Presentation: EUGIC 2015 Vienna Award Winner **Daniel Jauslin**, DGJ Landscapes
www.world-architects.com/en/dgj-landscapes-den-haag/projects

VIP Awards Presentation: The EUGIC 2017 Awards will be presented by LAURA GATTI STUDIO **Laura Gatti** www.lauragatti.it
Accompanied by **Dusty Gedge** EFB President, **Vera Enzi** EFB/GRÜNSTATTTGRAU and **Péter Dezsényi** President of ZÉOSZ

EUGIC 2017 Budapest Primary Sponsor: www.zeosz.hu

7TH GREEN-GO SHORT FILM AWARDS

EUGIC 2017 Budapest is pleased to be a partner of the 7th Green-Go Short Film Contest, organised by CEEWEB FOR BIODIVERSITY.
These awards invite film-makers to celebrate nature and the environment around three key issues that we face.

Three categories of short film will be awarded:

- #1 BUILD GREEN, LIVE GREEN (Green Infrastructure)
- #2 THE LAST DAY ON EARTH? (Earth Overshoot Day)
- #3 YOUR EUROPE IN 2050 (EU Budget)



EUGIC 2017 Budapest is very grateful to
our Evening Awards Ceremony Sponsors:

DEEP FOREST
www.deepforest.hu



9.00	Session 7	INTRODUCTION TO DAY 2 – KEYNOTE PRESENTATION A vision for greener cities in Europe Dusty Gedge <i>President of the European Federation of Green Roof and Wall Associations, Co-founder and Director of Livingroofs.org</i>
9.30	Session 8	CITIES: WHERE ARE THEY AND WHERE DO THEY WANT TO BE? Leading green infrastructure innovations by European cities: <ul style="list-style-type: none">LONDON – LONDON'S GREEN INFRASTRUCTURE STRATEGY Peter Massini <i>Green Infrastructure Leader, Greater London Authority</i>PARIS – URBAN ECOLOGY MISSION Marc Barra <i>Natureparif</i>BUDAPEST – URBAN GREEN INFRASTRUCTURE DEVELOPMENT CONCEPT – TOWARDS A GREEN BUDAPEST Prof Kinga Szilágyi and Zsombor Tatai <i>Budapest City Planning Department</i>WROCLAW – THE ROLE OF THE CITY GARDENER IN PROMOTING AND IMPLEMENTING NATURE-BASED SOLUTIONS IN WROCLAW Małgorzata Bartyna – <i>Zielińska Wrocław City Gardener and urban planner</i>VIENNA – VIENNA'S URBAN HEAT ISLANDS STRATEGY PLAN AND ITS IMPLEMENTATION Jürgen Preiss <i>City of Vienna Environmental Department</i>
PANEL DISCUSSION AND REFLECTIONS FROM THE AUDIENCE		
11.00	Morning Break	
11.30	Session 9	DELIVERING NATURE IN CITIES <ul style="list-style-type: none">THE PARKS FOR PLANET PROGRAM: HEALTH BENEFITS ESPECIALLY FOR CHILDREN Dominic Regester <i>Salzburg Global Seminar IUCN Partner</i>LET'S COOL THE EARTH AND MAKE CITIES A PLACE FOR NATURE Rostislav Dvořák <i>LIKO-S a.s.</i>BIODIVERSITY ON LONDON'S GREEN ROOFS Dr Gyongyver Kadas <i>The Kadas Green Roof Ecology Research Center</i>GREEN INFRASTRUCTURE AND MULTINATIONALS – PRIVATE UGI INVESTMENT IN URBAN BIODIVERSITY Péter Dezsényi <i>Deep Forest Landscape, Hungary</i>NATURE DIVERSITY IN THE MUNICIPALITY – A PRIZEWINNING PROGRAMME BY THE STATE OF VORARLBERG, AUSTRIA Anna Waibel <i>Municipality of Vorarlberg, Austrian Institute of Ecology</i>
PANEL DISCUSSION AND Q&A		
11.30	Session 10	INTRODUCTION TO THE STORY CORNER AFTERNOON WORKSHOPS Pecha Kucha
1.00	Lunch and Exhibition	
11.30	Session 11a	Story Corner 1 CITY-SCALE PROJECTS AND TOOLS Nature-based solutions for cities – green roofs, walls and rain gardens, street trees, permeable surfaces SUDS, swales and more! Short panel presentations followed by detailed discussions. <ul style="list-style-type: none">BERLIN AS A CASE STUDY OF GREEN ROOF PROJECTS AND POLICIES IN GERMANY Prof Dr Manfred Köhler <i>President World Green Infrastructure Network, University of Neubrandenburg</i>

2.00	Session 11b	Story Corner 2 MAPPING AND EVALUATION OF URBAN GREEN INFRASTRUCTURE Valuing urban green infrastructure – green infrastructure assets and audits, quality control, assessment, evaluation and project certification. <ul style="list-style-type: none">THE NEW SWISS SPATIAL PLANNING ACT AND ITS IMPACT ON URBAN GREENERY Erich Steiner <i>Swiss Green Infrastructure Association</i>URBAN GREEN INFRASTRUCTURE IN PORTO – THE FIFTH FAÇADE PROJECT Paulo Palha <i>Beatriz Castiglione ACVN Portugal Green Roof Association</i>THE CITY GREEN PASS Doris Schnepf <i>Green4Cities</i>UPFARMING – THE AIMS OF BUILDING INTEGRATED AGRICULTURE Kelai Diebel <i>Architect</i>
2.45	Session 12	Story Corner 3 NEIGHBOURHOODS, NATURE & COMMUNITY Communities working together for healthy, resilient neighbourhoods, community-led local planning and design, creating productive living and working spaces for cities <ul style="list-style-type: none">BROWNFIELD LANDSCAPES FROM 'WASTE' FOR NATURE AND URBAN GREEN INFRASTRUCTURE John Little <i>Grass Roof Company</i>INVOLVING UNLIKE STAKEHOLDERS TO ENABLE INNOVATION IN GREEN INFRASTRUCTURE DESIGN Leila Tolderlund <i>College of Architecture and Planning, University of Colorado Denver USA</i>GREEN INFRASTRUCTURE AT SCHOOL REQUIRES COMMUNICATION. SETTING UP ENGAGEMENT PROCESSES AT TWO SCHOOLS IN VIENNA – FIRST EXPERIENCES Dr Bente Knoll <i>B-NK GmbH Consultancy for Sustainable Competence, AustriaThe City Green Pass</i>URBAN GREEN INFRASTRUCTURE PROGRESS SINCE EUGIC 2015 VIENNA Helen Taylor <i>Hosta Consulting, UK</i>A LANDSCAPE CONTRACTOR'S PERSPECTIVE OF DELIVERING GREEN INFRASTRUCTURE IN THE UK Chris Bridgman <i>Bridgman & Bridgman</i>
3.30	Afternoon Break	
3.45	Session 13	Story Corner 4 NEIGHBOURHOODS, NATURE & COMMUNITY <ul style="list-style-type: none">BENEFITS OF BIODIVERSITY-ORIENTED DESIGN OF BUSINESS PREMISES – A CHANCE FOR LOCAL AUTHORITIES AND URBAN AREAS? Sven Schulz <i>Business & Biodiversity, Global Nature Fund</i>THE WWT'S SUDS FOR SCHOOLS PROGRAMME David Naismith <i>Wildfowl & Wetlands Trust</i>HEATHROW TERMINAL FIVE – A GREEN INTERCHANGE David Mulholland <i>Mulholland Consultants</i>CEEWEB NATURA 2000 URBAN NATURE-BASED SOLUTION PROJECTS Monika Kotulak <i>CEEweb for Biodiversity</i>CREATING PRODUCTIVE LIVING SPACES FOR CITIES Ester Blaimschein and Simone Rongitsch <i>k.a.r.l.s concept, Austria Creating productive living spaces for cities</i>
4.30	Session 14	WORLD CAFE SYNTHESIS – GATHERING THE THREADS AND CREATING A GREEN TAPESTRY

EUGIC 2017 BUDAPEST

SPEAKERS



ALICE REIL

Sustainable Resources, Climate and Resilience team, ICLEI Europe

Alice Reil is an urban geographer by training and supports European cities in becoming more sustainable. In her work at the European Secretariat of the global city network ICLEI – Local Governments for Sustainability Alice' focus lies mainly in the fields of urban green infrastructure and integrated water management. She moderates the knowledge exchange on nature-based solutions between researchers and local governments in Europe and globally in the projects GREEN SURGE (European Commission FP7), NATURVATION, Connecting Nature (European Commission H2020) and ENABLE (BiodivERsA). Alice is also a member of the Working Group “Nature-based solutions and restoration” of the European Commission.

<http://www.iclei-europe.org/>



ANNA WAIBEL

*Municipality of Vorarlberg
Austrian Institute of Ecology*

Anna studied biology in Vienna and finished her Master in “Ecology and Biodiversity” at the University of Innsbruck before returning to her homeland Vorarlberg. There she worked in the environmental department of the city Hohenems for two and a half years.

Since then she has been working as a project manager for the Pulswerk GmbH, the consulting firm of the Austrian Ecology Institute. Part of her job is consultation for municipalities on nature diversity within the frame of the state programme “Naturvielfalt in der Gemeinde” - Nature Diversity in the Municipality, the focus of her presentation at EUGIC 2017.

<http://www.pulswerk.at/anna.waibel.htm>



ATTILA KATONA

*NATURVATION
EIT Climate-KIC
PhD at Central European University*

Attila is doctoral researcher at the Central European University (CEU) and senior consultant of the European Institute of Innovation and Technology (EIT) Climate-KIC on sustainability transitions, innovation and entrepreneurship. His research at CEU, in the framework of the NATURVATION Project, aims to understand what factors influence the deployment of urban nature-based solutions and what systemic interventions could catalyse the process, through conducting research in cities such as Győr (Hungary), Tianjin (China) and Winnipeg (Canada). Attila coordinated EU- and UN-funded project work, professional networks, and grassroots groups focusing on sustainable development and innovation for over 6 years – he is currently council member of the Hungarian Green Movement. His qualifications include a master's degree in regional and environmental economics and a bachelor's degree in environmental engineering.

Twitter
LinkedIn
CEU Page



BEATRIZ CASTIGLIONE

*Landscape Architect,
ACVN Portugal Green Roof Association*

Beatriz Castiglione has a masters degree in Landscape Architecture from the University of Porto, Portugal. Part of her academic career, she was based at the Federal University of Rio de Janeiro (UFRJ), in Brazil, under a mobility program. In 2014 she became a research fellow at CIBIO – Research Center in Biodiversity and Genetic Resources, in Porto, where she did research on the subject of urban allotments. In 2015 she worked in Ecuador and Brazil, where she was involved in several landscape architecture projects at different scales.

Since graduating, Beatriz has focused on urban landscape, designing inclusive cities and the effects of contact with nature and good public spaces for citizens' well being. Since August 2016, she has been working at the Portuguese Association for Green Roofs (ANCV) on the Fifth Facade Project (PQAP) and is also responsible for the management and promotion of the association.

www.greenroofs.pt



DR BENTE KNOLL

*B-NK GmbH Consultancy for
Sustainable Competence, Austria*

Dr Bente Knoll has a background and long-time experience in landscape and transport planning, mobility research, environmental sciences and engineering, ecology, sustainable development and gender equality as well as systemic communication and social media. The focus of her professional work as Managing Director of the Büro für nachhaltige Kompetenz (Consultancy for Sustainable Competence) B-NK GmbH is to integrate gender and diversity perspectives in urban and transport planning, landscape architecture and mobility research as well as in sustainable (urban) development. In addition to her consulting assignments, she has various teaching assignments at Austrian universities. She holds basic and advanced lectures as well as seminars in Gender Studies and Engineering.

<http://en.b-nk.at/category/references/>
bente.knoll@b-nk.at
+43 676 6461016



BERNHARD SCHARF

BOKU University of Natural Resources & Life Sciences Vienna

Born in Salzburg, I found my way to the University of Natural Resources & Life Sciences Vienna to study landscape planning and architecture. My masters thesis focused on ecological and economical solutions for turf areas, so-called flowering turf.

In 2006, I started my scientific work at the Institute of Soil Bioengineering and Landscape Construction. The focus from then on was the development of technical solutions to allow the broad application of green infrastructure in the context of urban challenges. In 2014, I co-founded the Green4Cities company to close the gap between research and planning practice. Today I am a senior scientist at BOKU and CTO of the G4C company.

https://forschung.boku.ac.at/fis/suchen.person_uebersicht?sprache_in=&de&menue_id_in=101&id_in=3223
www.green4cities.com



DR. CARLO CALFAPIETRA

GreenInUrbs and cochair of the EKLIPSE Project Expert Working Group, Institute of Agro-Environmental & Forest Biology (IBAF) and National Research Council (CNR)

Dr. Carlo Calfapietra is a recognised authority on urban forestry, and urban ecosystem services and benefits. Carlo is co-chair of the EU EKLIPSE project Expert Working Group. He is Senior Researcher at the Institute of Agro-Environmental & Forest Biology (IBAF) and on the National Research Council (CNR) since 2010. His fields of interest are Green infrastructure, urban forests, urban resilience and sustainability, plant ecophysiology in relation to stress, adaptation-mitigation to global change, air pollution, Carbon and GHG fluxes, VOC, forest plantations, forest fires, extreme environments. Carlo holds a PhD in Forest Ecology from the University of Padova (2002), a degree in forestry from the University of Tuscia, Viterbo (1998) and a degree in flute from the State Music Conservatorium of Perugia (1993). Carlo is a member of Czechglobe, Centre of Excellence for Studies on Climate Change of AVCR, Brno (Czech Republic) (November 2010-to date).

www.carlocalfapietra.com
www.greeninurbs.com
www.eklipse-mechanism.eu



CHRIS BRIDGMAN

Bridgman & Bridgman

With his extensive background in horticulture, Chris Bridgman has been installing living roofs across the UK for over eight years. His team has installed a turf roof the size of three football pitches as well as the first removable green roof in the UK that has the ability to be lifted off to allow for temporary access. Recently, his work has been recognised with both UK and European Green Roof Awards.

www.bridgmanlandscapes.co.uk



DANIEL JAUSLIN

Landscape Architect, Founding Partner DGJ Landscapes

Daniel Jauslin is educated in architecture and urbanism at ETH Zürich. He has 20 years of international professional work experience with designs across many scales, including products, gardens, buildings, urban designs, landscapes and infrastructural projects. Since 1999 he is a founding partner of the collaborative practice DGJ Landscapes in Zürich, The Hague, Frankfurt and Hong Kong focusing on Landscape Architecture. As a researcher publishing on architectural and landscape design theory since 2008 in the PhD program of TU Delft on Architecture with Landscape Methods. Since 2015 he lectures landscape architecture with Prof. Adriaan Geuze at Wageningen UR.

www.world-architects.com/en/dgj-landscapes-den-haag/projects



DR. DANIEL PODMIRSEG

Vertical Farming Institute

Daniel Podmirseg studied in Vienna at the University of Technology, University of Applied Arts and the Academy of Fine Arts where he presented his diploma on Vertical Farming in London in 2008. His doctoral thesis on the “Contribution of Vertical Farms to increase the overall Energy Efficiency of Cities”, published by Cuvillier in 2016, was developed at Graz University of Technology at the Institute for Buildings and Energy, with supervisor Prof. Brian Cody, defended with distinction. He is founder and head of the vfi :: vertical farm institute in Vienna which concentrates on multidisciplinary research to develop strategies and new building typologies for Vertical Farming.

podmirseg@verticalfarminstitute.org
www.verticalfarminstitute.org



DAVID MULHOLLAND

Mulholland Consultants

David Mulholland started his career with a parks apprenticeship in Gatehead, followed by study at Houghall College in Durham, and Askham Bryan College in York, providing a solid foundation for a career in horticulture. David has been in the landscape industry for over 40 years and has a wealth of knowledge, experience and a proven track record in Landscape and Environmental Management. David was recently awarded the RHS Long Service Medal for his contribution to horticulture. David worked for BAA plc for over 20 years, including as Landscape Manager of Heathrow Airport where he was responsible for the landscape infrastructure including the Terminal Five project.

www.mulhollandconsultants.co.uk



DAVID NAISMITH

Senior Consultant WWT Consulting Ltd

David has worked as a technical designer and project manager on numerous habitat creation, SuDS and constructed wetland projects since joining WWT Consulting in 2007. He has extensive experience in the use of CAD and GIS to produce detailed construction plans and the use of NBS software to generate technical specifications. David carries out topographic, linear, site constraint, services and eco-hydrological surveys and the processing of geospatial data to produce digital terrain models, BIM and SIM project models.

He is experienced in conducting site supervision of construction and snagging assessments for projects ranging from constructed wetlands to large scale habitat creation schemes. This includes CDM responsibilities from project start up to commissioning and hand over.

<https://www.wwt.org.uk/conservation/our-work/suds-for-schools/>



DOMINIC REGESTER

*Salzburg Global Parks for Planet
Programme Manager*

Dominic Regester joined Salzburg Global Seminar as a Program Director in March 2017. He is responsible for designing, developing and implementing programs on education, sustainability and innovation. Prior to this he worked for the British Council for 14 years, initially on programs promoting education co-operation between the UK and China, Russia and Japan and then on school partnership programs. Dominic lived in Bangladesh from 2008 to 2013 leading the British Council's school sector programs in Afghanistan, Bangladesh, Nepal, Pakistan and Sri Lanka. He was then posted to Jakarta where he was Deputy Director for Education across the East Asia region. Dominic returned to London in 2015 to become a senior schools adviser, responsible for global program development, partnerships and research, all with a particular focus on 21st century skills. He has an M.A. in Chinese Studies from the School of Oriental and African Studies in London and an M.A. in Education and International Development from University College London Institute of Education.

<http://www.salzburgglobal.org>



DORIS SCHNEPF

CEO Green4Cities

Doris Schnepf is co-founder and CEO of the Austrian-based company Green4Cities, an international competence center of urban green infrastructure. She has considerable experience in the area of acquisition and coordination of national and international R&D projects in the area of urban green infrastructure and sustainable development. As an experienced entrepreneur, she has initiated and co-founded a variety of SME companies in Austria and Chile. Her current entrepreneurial focus is the international distribution of the Greenpass tool since she believes that this ground-breaking and easy-to-use technology has the potential to really impact the development of our cities towards more quality of life through the intelligent and quantifiable use of green infrastructure.

www.green4cities.com



DUSTY GEDGE

*President of the EFB – European Federation of Green Roof and Wall Associations
Founder of Livingroofs.org
Director of the Green Infrastructure Consultancy*

Dusty is the current President of the EFB and a member of the EU Green Infrastructure and Ecosystem Services Working Group. He is a recognised authority, designer and speaker on green roofs, working on green infrastructure projects in London, UK and Europe, some of which are recognised as seminal projects, especially in London.

Dusty advises on projects through the Green Infrastructure Consultancy. Nature is at the heart of the work biodiversity and birds on green roofs drew him into 20 years ago. But he deals with all urban issues and how vegetation can help cities adapt to climate change. Dusty has presented several UK TV shows, makes green infrastructure and nature videos and is an avid nature photographer and social networker.

www.dustygedge.co.uk
www.greeninfrastructureconsultancy.com
www.livingroofs.org



ERICH STEINER

Swiss Green Infrastructure Association

Erich Steiner is passionate about environmental planning and improving the ecological value in our towns and cities. He has led the Swiss Green Infrastructure Association (SFG) as Director since 2002. He is actively involved in most of the Swiss green infrastructure movements, supports the SFG-members and clients on a daily basis and is a politically active stakeholder who lives the dream of a greener city! Erich Steiner holds a degree in Landscape Architecture and Project Management, as well as a masters in Sport Surface Technologies from Cranfield University, UK. He has been involved in the green infrastructure industry since 2001 and founded his own firm Steiner & Partner Landscape Architecture in 2004. Working from the indigenous quality of a more natural environment to the unique character of ornamental planting in an urban setting, the team at Steiner & Partner manage projects from concept to installation and help realise people's dreams of even greener cities!

www.sfg-gruen.ch
www.steinerpartner.com



ESTHER BLAIMSCHEIN

k.a.r.l.s concept, Austria

Esther Blaimschein is co-founder and CEO of the Vienna-based company KARLS concept. Agency for productive Living Spaces. As an urban planner, she worked in Real Estate Development, planning of social & energy supply infrastructure and various projects with a strong focus on sustainability and urban greenery. As an Assistant Professor at the Technical University of Vienna, she developed a focus on Smart Cities and especially the impacts of ongoing digitization in the urban context. She still remains external lecturer at the TU Vienna, teaching primarily cross-disciplinary at the interface between Urban Planning, Architecture and Computer Science (HCI).

www.karlsconcept.com



FLORA SZKORDILISZ

*Nature4Cities, Managing Director
MUTK Hungarian Urban Knowledge Centre*

Flora Szkordilis is Managing Director of MUTK the Hungarian Urban Knowledge Centre. The focus of expertise of the Knowledge Centre is to facilitate the implementation of the latest urban planning trends and innovations. Since 2012, she has been involved in numerous projects related to climate-adaptive and energy-efficient urban planning. Flora's background is in architecture (Budapest University of Technology and Economics), but during her PhD studies she focused on the fields of energetics and urban climatology. Her great ambition – to accelerate climate-adaptive urban planning in Hungary – meets her activity as work package leader in the Nature4Cities H2020 project too.

<http://mu-tk.hu/en/>



GARY GRANT

*Director,
Green Infrastructure Consultancy*

Gary is a consultant ecologist, Chartered Environmentalist, Fellow of the Chartered Institute of Ecology and Environmental Management, Director of the Green Infrastructure Consultancy, thesis tutor at Bartlett Faculty of Built Environment at University College London and author of *Green Roofs and Facades* (BRE Press 2006), *Ecosystem Services Come to Town – Greening cities by working with nature* (Wiley 2012) and *The Water Sensitive City* (Wiley 2016). Projects include the London Olympic Park Biodiversity Action Plan, Green Walls at Rubens at the Palace Hotel London, Whitehill-Bordon Eco Town, Lend Lease HQ Roof Garden, Westfield living wall, Natural History Museum Wildlife Garden, Education City, Qatar and Saadiyat Island, Abu Dhabi.

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consultancy.com



DR. GYONGYVER JULIA KADAS

*The Kadas Green Roof Ecology Research
Center*

Dr Gyongyver Kadas is an academic specializing in urban biodiversity and green roof ecology. In 2012, Gyongyver set up the Kadas Green Roof Ecology Research Centre at the University of Haifa.

Gyongyver graduated in Zoology at Royal Holloway University of London. Her Masters degree in species conservation produced a thesis on green roof ecology which became the baseline study for biodiversity of green roofs in the UK.

Gyongyver's doctorate at Royal Holloway has helped the design and construction of thousands of square metres of London green roofs, establishing the concept of biodiverse green roofs in the capital.

Gyongyver's doctoral thesis was published in 2010 and she has contributed to many academic journals and green roof guidelines. She also established a wildlife education centre where she teaches ecology to schoolchildren and is an active beekeeper.

<http://kadasgre.haifa.ac.il/>



HELEN TAYLOR

Hosta Consulting, UK

Founded in 2012 by Helen Taylor, Hosta Consulting is an Urban Landscape Architecture Practice based in Nottingham. We apply an innovative technical approach to create green spaces that maximise opportunities for people, biodiversity and the environment.

Working across education, social housing, property development and corporate sectors, we manage projects from concept to installation. Services include commercial landscape design, green roofs, garden terraces and indoor living walls. Most projects are in the public sector, focussing on design psychology, with people at the heart of design, maximising community impact and cohesion.

Our expertise includes Horticulture, Landscape Design and Architecture. In 2016, we won a Gold Medal and 'Best-in-Category' at RHS Flower Show Tatton Park with our garden 'A Drop of Urban Green'. We also help companies achieve CSR targets by interior planting to improve air quality, increase employee motivation and reduce stress.

www.hostaconsulting.co.uk



HOLGER ROBRECHT

*Deputy Regional Director,
ICLEI Europe – Local Governments for
Sustainability*

One of ICLEI's Directors with over 25 years in local environmental and sustainability management and planning, Holger leads the Sustainable Resources, Climate & Resilience team. He has developed and coordinated many international projects such as MUE25, CHAMP, Asian Cities Adapt, ecoBUDGET, EU Cities Adapt and Sustainable NOW, and worked on NBS and ecosystem services research programs such as TEEB, URBES, the EU Biodiversity Strategy 2020 and Aichi Biodiversity Targets.

An expert in sustainability management, resource efficiency, climate adaptation and nature-based solutions, Holger sits on several expert groups such as the Green Infrastructure Working Group, Smart & Sustainable Cities and Communities, EU Working Group on Urban Environmental Management Plans and Systems, EU Adaptation Steering Group and EKLIPSE developing an NBS Impact Assessment Framework.

<http://www.iclei-europe.org/>



PROF. IRENA NIEDŹWIECKA-FILIPIAK

*Head of the Institute of Landscape
Architecture, Wrocław University of
Environmental & Life Sciences*

Irena Niedźwiecka-Filiipiak is an architect with specialty in landscape architecture, President of the Association of Polish Landscape Architects since 2016. Irena is Professor at Wrocław University of Environmental and Life Sciences. Since 2010 Head of the Institute of Landscape Architecture and Head of the Unit for Rural Landscape Protection and Management.

Since 2014, Irena has been leading the team developing a project for the optimal layout design for green infrastructure within the Wrocław City Central Activity Area and its implementation principles and guidelines. The work was commissioned by the Polish Institute for Territorial Development. Besides that, for over 20 years, Irena has been conducting research into rural transformations in Poland.

<http://www.upwr.edu.pl/en/>



JIM MCCLELLAND MA

*Sustainable futurist, speaker, writer and
social-media commentator*

A Sustainable Futurist with over 20 years' experience of business and media in the corporate, property and built environment sectors, Jim McClelland pursues a portfolio career of consultancy rôles, plus professional editorial, journalism and events commitments. As a journalist and media commentator, Jim regularly has work featured in supplements for The Times and The Sunday Times newspapers, specialising in Sustainability matters and writing on topics such as 'Smart Cities' and the 'Future of Construction'. Found on Twitter as @SustMeme, Jim has been ranked as one of the top 30 bloggers on Sustainability worldwide and included in Debrett's 'People of Today', which celebrates individuals who are positively influencing Great Britain and inspiring others through their achievements and leadership.



JOHN LITTLE

Grass Roof Company

John has always loved plants and what they can do for people and urban space. In 1995 John built his own green roof home. This was the catalyst for a career change and in 1998 he founded the Grass Roof Company. He has since designed and built over 100 small green roof buildings, combining living roofs with habitat walls.

John is passionate about the importance of linking grounds maintenance to the residents that use the space. He campaigns to lift the profile and the importance decent, imaginative maintenance plays in helping to improve life and biodiversity within social housing estates. His company has looked after Clapton Park Estate in Hackney East London for 15 years. Based on this work, he has produced a sustainable grounds maintenance contract template that puts people first. He has also launched a range of small green roof shelters based on second-hand shipping containers and designed portable structures. John lives in Essex with his wife and two children.

@grassroofco
www.grassroofcompany.co.uk
www.greenroofshelters.co.uk



JOOST DE GIER

Sempergreen Netherlands

From the early start of Sempergreen, Joost de Gier has been involved with the activities for sustainable products for green roofs and later on also for living walls.

Nowadays, twenty years later, Joost is an expert in the field of sustainable solutions for climate-adaptive cities. He advises market operators throughout Europe regarding green buildings. Protecting and stimulating biodiversity plays an important role in this respect.

joost.de.gier@sempergreen.com
<https://www.sempergreen.com/en>



JÜRGEN PREISS

Head of Environmental Protection Department, City of Vienna

Since 2007, Jürgen has led Spatial Development at Vienna's Environmental Department MA 22, producing the Urban Heat Islands Strategy Plan, managing Vienna's Greening Buildings program, leading EcoBuy Vienna's Green and Open Spaces working group, implementing environmental targets for strategic planning instruments (Town Development Plan, Climate Protection Program, Mission Statements), providing learning and awareness-raising activities for universities, schools, local agendas and citizen events.

Master of Landscape Planning & Design, Vienna University of Natural Resources and Life Sciences.

Vienna Urban Heat Island Strategy Plan (2015): <https://www.wien.gv.at/umweltschutz/raum/pdf/uhi-strategie-plan.pdf>

Green Façades Guidelines (2013): <https://www.wien.gv.at/umweltschutz/raum/pdf/fassadenbegruenung-leit-faden.pdf>

Vienna Strategic Climate Change Programme: <https://editionsparentheses.com/Villes-et-changement-climatique> (2015)



KELAI DIEBEL

Alexander von Humboldt University Berlin

Claire 'Kelai' Diebel (M.A.), is an architect, green infrastructure expert, and recipient of the German Chancellor Fellowship. In her investigation of BIA, she carried out case studies and action research from more than 50 projects in Europe, Asia, and North America to create a knowledge basis to lift the barriers of urban farming proliferation. Her goal #1: procure the coexistence of plants and people.

www.upfarming.net



PROF KINGA SZILÁGYI, CSC, DLA

Green Infrastructure Strategy Budapest City Planning Department, Professor at the Faculty of Landscape Architecture and Urbanism, Szent István University Budapest

Kinga Szilágyi is a landscape architect and Professor at the Faculty of Landscape Architecture and Urbanism, Szent István University Budapest. She has been directing the education and research of the Department of Garden and Open Space Design, and Landscape Architecture at the Doctoral School of Landscape Architecture and Landscape Ecology.

Her most important professional activity is the research of urban green infrastructure and open space network. The analyses, development and planning of Budapest's green system in her practice has been based on a complex set of environmental, ecological, social, and planning and design aspects. In 2016, Kinga led the Faculty of Landscape Architecture research team into the Budapest Green System Concept.

<https://tajk.szie.hu/english-page>



PROF. LÁSZLÓ PINTÉR

NATURVATION, Department of Environmental Sciences and Policy, Central European University Budapest, and Senior Fellow and Associate at the IISD

László Pintér is Professor and Head of the Department of Environmental Sciences and Policy at the Central European University (CEU) and Senior Fellow at the International Institute for Sustainable Development (IISD). Prior to joining CEU in 2010 he had been with IISD since 1994, serving as Director of the Measurement and Assessment Program between 2003 and 2010.

László has been working on sustainable development indicators and strategies, integrated assessments, sustainability reporting and global outlooks for over two decades. As part of his work on urban sustainability, he currently leads CEU's contribution to the NATure-based URban innovation (NATURVATION) H2020 project that studies how nature based solutions can be integrated into the urban fabric and contribute to tackling urban sustainability challenges.

László has a PhD from the University of Minnesota and a Masters in Natural Resources Management from the University of Manitoba.

<https://envsci.ceu.edu/>
<http://www.iisd.org/>



LAURA GATTI

Studio Laura Gatti

Laura Gatti is an agronomist, landscape consultant and landscape designer and co-designer of the multi-award-winning 'Bosco Verticale' by architect Stefano Boeri.

Studio Laura Gatti founded in 1992 specializes in horticultural and soil consultancy, tree care and management plans, with special skills and experience in the restoration of historical sites and integrating greening into buildings – green roofs, green walls, hanging gardens. Founder and first President of the Italian Society of Arboriculture. Adjunct Professor at the Department of Agricultural and Environmental Sciences, University of Milan since 2005. Awarded Professional of the Year 2008 and the Fabio Rizzi Medal by Flormart-Miflor, the most important Italian exhibition.

www.lauragatti.it
Via L. A. Muratori 46/9 20135 Milano



DR. LEILA TOLDERLUND

*College of Architecture and Planning,
University of Colorado Denver USA*

Leila thrives when observing the interaction between people and green infrastructure in cities. She works as Assistant Professor and Associate Chair in the Landscape Architecture Department at University of Colorado, Denver, USA. Leila has focus on public health related to urban living systems design, planning and theory, and enjoy critical innovate design thinking for inside-outside transitions.

She currently teaches Landscape Architecture Core and Advanced Vertical Design Studios, Integrated Cross-Disciplinary, Green Infrastructure and Design Process classes, as well as International Urban Design Studio and study abroad primarily to Scandinavia. She has been with UCD since 2006 and is an often-used speaker at national and international green infrastructure conferences.



LILIT KHACHATRYAN

*Researcher, Center for
Ecological-Noosphere Studies Armenia*

Lilit Khachatryan is a researcher and PhD student at the Center for Ecological-Noosphere Studies at the National Academy of Sciences of the Republic of Armenia. Her PhD thesis is focused on differences of ecological tolerance of urban tree species involved in green infrastructure of Yerevan – the capital city of ancient and beautiful Armenia.

Lilit is part of the CENS team in the H2020 CONNECTING Project, the aim of which is to co-develop the policy and practices necessary to scale up urban resilience, innovation and governance via nature-based solutions.

Lilit's research interests include urban forestry and urban greening, assessment of ecosystem services, plant biochemistry and ecology, phytomonitoring and phytoindication, Studying mechanisms of plant adaptation to man-altered zones.

<http://cens.am/research/biochemistry/biochemistry-staff>



MALGORZATA BARTYNA-ZIELIŃSKA

*Wroclaw City Gardener and
urban planner*

Malgorzata has been working for Wroclaw Municipality since May 2006. For over nine years she worked as an urban planner in Wroclaw's Development Department, where she became interested in the Smart City concept. In 2015, she became Wroclaw's Smart City Project Coordinator. Since June 2017, she has held the position of Wroclaw City Gardener. One of Malgorzata's main goals is to promote nature-based solutions in the city of Wroclaw. She manages the GrowGreen project, as part of the Horizon 2020 Demonstrating Innovative Nature-based Solutions in Cities program. She has been President of the Polish Town Planners Society - Wroclaw division since May 2015.

<http://www.wroclaw.pl/malgorzata-bartynazielska-wroclawskim-ogrodnikiem-miejskim>



DR MANFRED KÖHLER

*Köhler President of the World Green
Infrastructure Network, University of
Neubrandenburg*

Dr Manfred Köhler is co-founder of the World Green Infrastructure Network (WGIN) and its President since 2008. He is founder of the Green Roof Research Center, Neubrandenburg University of Applied Sciences, where he is Professor of Landscape Ecology and since 2008, Vice Dean of the Faculty.

His Doctorate at the Technical University of Berlin, Germany in 1987 focused on "Eco effects of green facades". From 1990 – 1994 Manfred was Executive Director of the Research Centre of Landscape Ecology, Bremen, Germany.

Manfred is an active member of the BDLA, FLL, FBB, EFB, WGIN and part of the Shanghai DETAO Masters Programme since 2014, focusing on innovation and the revolution of education.

With about 180 related publications, Manfred is one of the world's most respected urban green infrastructure experts.

koehler@hs-nb.de
www.gruendach-mv.de
www.worldgreenroof.org



MANFRED PERITSCH

*IMG
Innovation-Management-Group GmbH*

Manfred has been engaged in innovation management since 1990, with extensive knowledge and insight into the complex patterns of successful innovation. He focuses on innovation system design and strategies, strategic idea generation and organisational design, implementing structures and processes that foster innovation.

Manfred is co-founder and managing director of IMG Innovation-Management-Group GmbH, consulting on 150+ projects with various technology-driven companies in different industries (mechanical engineering, wood manufacturing, metal and plastics industry, automotive, R&D organisations, universities and political institutions).

Previously Manfred led innovation consultancy within various companies, was Assistant Professor at University of Technology Graz (creativity, innovation and knowledge management, technology marketing) and lecturer and thesis supervisor in R&D management at University of Applied Sciences Graz.

m.peritsch@innovationsmanagement.at
<https://www.innovationsmanagement.at/index.php?LANG=eng>



MARC BARRA

Natureparif

Marc Barra works at Natureparif, the regional agency for nature and biodiversity in Paris region. Since 2008, Natureparif, works to involve local actors on biodiversity issues. Natureparif is in charge of an observatory of biodiversity and produce indicators including local species red lists. The agency also provide the public and private sector with scientific expertise and tools on green infrastructure and nature-based solutions.

Marc has published several papers including "Climate: Nature-based solutions for climate change mitigation and adaptation in Paris Region"

marc.barra@natureparif.fr
<http://www.natureparif.fr/>



MARCO FRITZ

Lead on nature-based solutions, DG Research & Innovation, European Commission

Marco Fritz is policy officer at the European Commission's Directorate General (DG) for Research and Innovation since 2015. He coordinates the Commission's policy on nature-based solutions.

Prior to working in DG Research, he was responsible for the Commission's policy on Green Infrastructure in DG Environment, which led to the adoption of the Commission's Green Infrastructure strategy in 2013.

Bio-geographer by training, he worked in several companies on nature, biodiversity and ICT before joining the Commission in 2006. Currently, he is exploring how to stimulate engagement of policies makers, stakeholders, scientists and the public on nature-based solutions in Europe and globally.

<https://ec.europa.eu/research/environment/index.cfm?pg=nbs>



DR. MARCUS COLLIER

CONNECTING Nature, Trinity College Dublin and TURAS Mobile Green Living Room

Marcus is an Assistant Professor in Urban Nature-based Innovation in the school of Natural Sciences in Trinity College, Dublin. He is the PI of the nature-based solutions project Connecting Nature Horizon 2020 and was the PI of the TURAS FP7 project. Marcus' research interests focus on the complex and fascinating interface between social and ecological systems, especially when it comes to urban ecology and the role of novel ecosystems in an urbanizing world.

<http://www.tcd.ie/Botany/staff/marcus-collier.php>



DR MIHAI-RĂZVAN NIȚĂ

EKLIPSE, University of Bucharest and Centre for Environmental Research and Impact Studies

Dr Mihai-Răzvan Niță is Associate professor at the University of Bucharest and leads research projects at the Centre for Environmental Research and Impact Studies. He gained his PhD in Geography in 2011 and is member of the Society for Urban Ecology. His main research topics include green infrastructure and urban planning, evaluation of ecosystem services and environmental conflicts.

http://ccmesi.ro/?page_id=276



MONIKA KOTULAK

Natura 2000 and Water Policy Officer, CEEweb for Biodiversity

Monika Kotulak is Natura 2000 and Water Policy Officer at CEEweb, coordinating a campaign of support of better implementation of Natura 2000 and Water Framework Directive.

She prepared and contributed to several publications on the topic of Natura 2000 management, the socio-economic benefits of Natura 2000, public participation in the consultation process as well as nature-based solutions (NBS) for water.

The main objective of her work is better enforcement of environmental policies and mainstreaming NBS in various sectors, as well as raising awareness about the benefits for society and the economy that stem from nature.

www.ceeweb.org



PANOS FETSIS

Fetsis LIFE Programme Communications Team

Working as a Climate Change Expert in the LIFE Communications team, Panos is responsible for the active analysis and dissemination of the results of the LIFE Programme. Due to his concern over environmental degradation, he sought to combine his background in economics and 4 years of work experience at Ernst&Young with environmental and sustainable energy generation projects. At Piraeus Bank, as a coordinator in the first "Green Banking branch" in South-Eastern Europe, he provided consulting services in the field of environmental technologies, including economic, technical and policy advisory. Panos has actively participated in the elaboration of various EU environmental projects, mainly focused on three areas: socio-economic impact of natural resource management; climate change economic risks and opportunities; climate change mitigation technologies.



PAULO PALHA

President, ACVN Portugal Green Roof Association

Paulo Palha graduated in agricultural engineering from the University of Trás-os-Montes and Alto Douro. His professional activity over the last 20 years has been focused on green spaces and ecological design, with a strong research component. Currently, Paulo is Director of Neoturf Espaços Verdes Lda (Neoturf Green Spaces), which is a member of the International Green Roof Association. He is also founder of the company Landlab Lda, and is President of the Portuguese Association for Green Roofs (ANCV).

Through his career, Paulo has coordinated more than 300 garden projects and more than 100 green roof projects in Portugal and abroad. He also delivers teaching and consulting activities, guiding several internships and Masters theses, and carrying out training courses on green roofs in Portugal and abroad. Paulo has been awarded several national prizes and his work is recognized on a national and international level.

<http://www.neoturf.pt/pt>
<http://www.landlab.pt/>
www.greenroofs.pt



PÉTER DEZSENYI

Deep Forest Landscape, Hungary

Education: MSc. Horticulturist, Corvinus University Budapest, MBA Budapest University of Technology and Economics (in process)
 Specialist field: Green roof and green wall specialist, urban green infrastructure expert, landscape contractor and designer.

Current occupation: Owner and CEO of Deep Forest Landscaping in Budapest. Visiting lecturer at BOKU (University of Natural Resources and Life Sciences, Wien), Institut für Ingenieurbiologie und Landschaftsbau, President of the Hungarian Green Roof and Green Wall Association.

pdezsényi@deepforest.hu
www.deepforest.hu



PETER MASSINI MCIEEM

Lead, Green Infrastructure, Greater London Authority

Peter started his career as a nature reserve manager with the London Wildlife Trust and subsequently worked for the London Ecology Unit, providing advice on spatial planning issues and site management.

He then worked for Natural England where he had responsibility for the national agency's strategic planning and policy in London.

Peter currently works for the Greater London Authority, leading on the city's green infrastructure programme. He has a particular interest in making the natural environment more relevant to Londoners, by ensuring its many benefits are understood as being essential to creating a liveable, resilient city.

<https://www.london.gov.uk/WHAT-WE-DO/environment/parks-green-spaces-and-biodiversity/green-infrastructure>



RAÚL SÁNCHEZ

URBAN GreenUP, CARTIF Foundation

Since June 2005, Raúl has been working in the CARTIF Foundation's Agribusiness and Sustainable Processes Division, with research staff developing sustainable agronomical processes, and smart green solutions for soils, fertilizers, waste use, etc. He is Coordinator of the H2020 URBAN GreenUP project: new methodology to develop re-naturing urban plans through nature-based solutions. Raúl applies his nature-based solutions expertise to cities - green roofs, smart soils, urban farms, green corridors, improvement of landscape connectivity, erosion prevention and green well-being areas.

Raúl has a degree in Technical Forest Engineering and a Master's in Agroforestry Development Engineering research from Valladolid University, with a Master's of Advanced Studies from the Department of Economics, Sociology and Politics. He was a visiting researcher at the School of Environmental Sciences, Liverpool University.

www.urbangreenup.eu



RITA MAYRHOFER

Biotope City Journal, BOKU University of Natural Resources & Life Sciences Vienna

1999 – 2014: partner of the landscape planning office tilia / Vienna. Since 2014: Senior scientist at the Institute of Landscape Planning. Teaching and researching on greening cities and urban open space planning with a gender focus. Member of Biotope City journal and member of the working group "Forcierung Fassadenbegrünung" Magistrat Vienna building management. Publications

Ökokauf Wien Directive for flooring in the open space <https://www.wien.gv.at/umweltschutz/oekokauf/rtf/25-bodenbelaenge.rtf>
 Scientific accompanying research for the introduction of neighborhood gardens in the Viennese community building

<http://www.wohnbauforschung.at/index.php?id=338>
<https://www.rali.boku.ac.at/ilap/>
<http://www.biotope-city.net/author/rita-mayrhofer>



RONAN UHEL

Head of Programme, Natural Systems & Sustainability, European Environmental Agency

Ronan is Head of Natural Systems and Sustainability at the EEA, responsible for strategic and operational activities to inform ecosystem natural capital issues, covering biodiversity, inland waters and marine environments, land and territorial issues, including agriculture and forest sectors. He is responsible for several European topic centres.

Ronan joined the EEA's state-of-environment reporting in 1995, becoming Head of Group Land Use in 2003. With a background in geography, physical planning and oceanography and a EC traineeship in EU environmental legislation and regional policies, he has 25 years' experience in environmental and sustainable development, analysis and assessment at international level.

Before the EEA, Ronan worked for the French Institute for the Environment, leading the national Corine Land Cover programme and for DG Environment and Civil Protection on state-of-environment reports and the Corine programme.

eea.europa.eu

**PROF. ROSEMARIE STANGL**

BOKU University of Life Sciences Vienna

Full Professor and Head of the Institute of Soil Bioengineering and Landscape Construction at BOKU Vienna (University of Natural Resources and Life Sciences). Her academic work centers on vegetation and soil bioengineering techniques. She has developed detailed technical planning and design for urban greening (greening of buildings and roofs) as core institute competences. Her most recent research focuses on nature-based solutions, green infrastructure and making sealed surfaces permeable to enhance climate-neutral solutions and residential and natural landscapes for resilient habitats.

rosemarie.stangl@boku.ac.at
www.baunat.boku.ac.at/iblb

**ROSTISLAV DVOŘÁK**

Liko-S a.s.

I work as product manager at Liko-s where we offer solutions for waste water cleaning systems – green façades and roofs. Thanks to these nature-based solutions, we can keep all rainwater and wastewater on site and support the regeneration of groundwater resources.

I was always interested in nature as a child. At school I was interested in biology and later chemistry, at university studying biochemistry and analytical chemistry with environment.

After graduating, I worked as a technologist at a water treatment plant, eventually designing water and waste water treatment plants. I noticed the quality of groundwater was deteriorating and realized the problem was connected to the lack of water in the environment. I believed the solution lay in the better retention of water in the landscape and now work developing nature-based solutions to achieve this.

www.liko-s.sk

**SIMONE RONGITSCH**

k.a.r.l.s concept, Austria

Simone Rongitsch is co-founder and CEO of the Vienna-based company KARLS concept. Agency for productive Living Spaces. She is a trained Urban Planner, studying at the TU Vienna, at the University Pais Vasco San Sebastian, and did her Master thesis on Urban Gardening in Buenos Aires. She worked in various planning offices and initiated numerous Urban Gardening projects such as famous Karls Garten in Vienna and Salat Piraten. She therefore gives lectures and panel discussions on an international level on Urban Gardening, is board member ÖGR (Austrian society on Urban Planning) and is lecturer at the Technical University of Vienna.

www.karlsconcept.com

**SVEN SCHULZ**

*Business & Biodiversity,
Global Nature Fund*

Sven Schulz works as a project coordinator for the Lake Constance Foundation (LCF) on the topics of sustainability for local authorities and business and biodiversity.

Since 2011 he has counselled over 100 companies regarding pragmatic ways to foster local and regional biodiversity on their premises by choosing indigenous plants, introducing ecological maintenance schemes and choosing ecologically sound design alternatives for commonly occurring elements on business premises.

Most recently he was involved in advising local authorities on applying biodiversity-oriented design to whole industrial zones/commercial areas and how local companies can be motivated to participate.

http://www.naturnahefirmen
gelaende.de/
sven.schulz@bodensee-stiftung.org

**VERA ENZI**

*GRÜNSTATTGRAU / VFB Austrian Green
Roof and Wall Association - VfB Verband
für Bauwerksbegrünung*

Master of Landscape Planning and Design at the Vienna University of Natural Resources and Life Sciences. 1999 – 2014: partner of the landscape planning office tilia / Vienna.

Since 2014: Senior scientist at the Institute of Landscape Planning. Teaching and researching on greening cities and urban open space planning with a gender focus. Member of Biotope City journal and member of the working group “Forcierung Fassadenbegrünung” Magistrat Vienna building management.

Publications:
Ökokauf Wien Directive for flooring in the open space
www.wien.gv.at/umweltschutz/oe-kokauf/rtf/25-bodenbelaege.rtf
Scientific accompanying research for the introduction of neighborhood gardens in the Viennese community building
www.gruenstattgrau.at
www.efb-greenbuildings.eu
Power of Surface – How Cities adapt to Climate Change

**ZSOMBOR TATAI**

*Green Infrastructure Strategy Budapest
City Planning Department*

Zsombor Tatai has an MSc degree in Landscape Architecture at Corvinus University of Budapest. He has been working at Budapest Municipality Urban Planning Ltd. (BFVT Kft.) since 2007.

Zsombor is Head of Environmental Planning, responsible for environmental and landscape planning related to Budapest – Budapest's 2030 long-term urban development concept, Budapest environmental programme, Climate Strategy for Budapest and so on.

In the last few years, Zsombor has taken a leading role in the Hungarian Association of Landscape Architects as Vice-President.

Zsombor currently works on the city's green infrastructure strategy. He has a particular interest in making understood the benefits and impact of green infrastructure to decision-makers and citizens.

www.bfvt.hu/



CLARE OLVER

Urban GreenUP, The Mersey Forest

Clare has been involved in land remediation for nearly 30 years, having worked previously in the private sector, and has wide ranging experience of strategic land regeneration. Over the past twelve years Clare has managed a number of large scale projects including a delegated Objective 1 fund of land transformation; a £5M sustainable economic regeneration programme, and an Interreg project on green infrastructure planning and delivery.

Clare is currently leading on the development of the Natural Health Service including a programme of activities which use the power of nature to reduce health inequalities.

www.merseyforest.org.uk/our-work/health



NURIA GARCÍA

Urban GreenUP, CARTIF Foundation

Nuria has a Masters of Industrial Engineering from the University of Valladolid, Spain. Researcher at CARTIF from 2002 to 2013, her first activity was focused on the development of projects about waste valuing with a circular economy approach. Nuria then specialized in assessing the environmental sustainability of solutions, applying Sustainable Management Tools, with experience in Life Cycle Assessment, eco-design and ecolabelling. During her research, she was coordinator of the Green-Car Eco-Design project, funded by INTERREG SUDOE. For the last five years, she has been Deputy Manager of the Agrifood and Sustainable Processes Division. As a result, Nuria currently has little involvement in technical work, but is responsible for supporting project coordinators and ensuring highest-quality deliverables as 'external' reviewer. In this role, she assists the coordination of URBAN GREENUP, working closely with Raúl Sánchez, especially with project management.

www.cartif.es



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EUGIC 2017 BUDAPEST

www.greenwall.pro

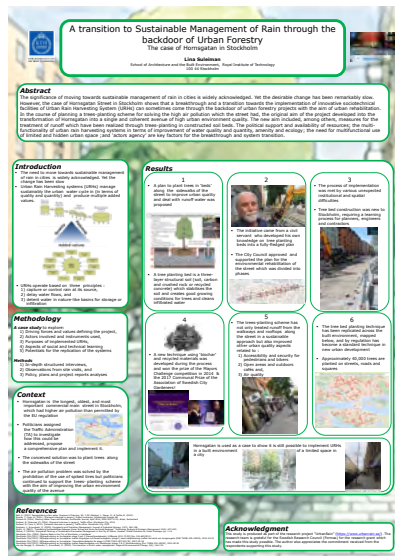


**EFB - EUROPEAN FEDERATION
OF GREEN ROOF & WALL
ASSOCIATIONS**

www.efb-greenroof.eu

EUGIC 2017 BUDAPEST

POSTERS



001 INNOVATIVE SUSTAINABLE URBAN RAINWATER HARVESTING SYSTEMS IN HORNSGATAN, STOCKHOLM

PRESENTER: Dr Lina Suleiman, *Researcher, School of Architecture and the Built Environment, KTH, Royal Institute of Technology*
CO-PRESENTER: Björn Embrén, *Tree Officer Street Department, City of Stockholm*
DESCRIPTION: The transition toward sustainable urban rainwater harvesting systems (URHs) is widely acknowledged but has been remarkably slow. However, such transition comes about from the backdoor of greening projects for urban rehabilitation. This Poster shows the results of an implemented project and its research in Hornsgatan, Stockholm.
KEYWORDS: Urban rain, innovative green infrastructure, window of opportunity, agency, Stockholm
PARTNERS: City of Stockholm
WEBLINK: www.urbanrain.se
CONTACT: lina.suleiman@abe.kth.se



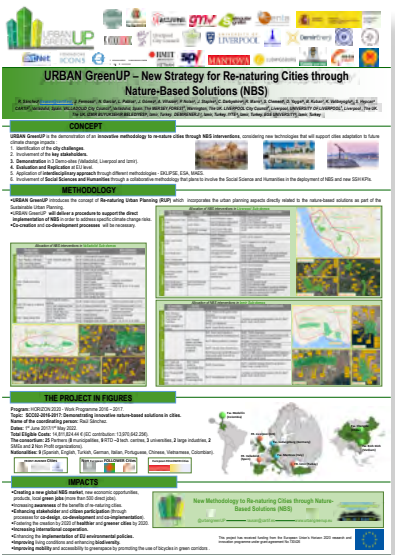
002 GREEN INFRASTRUCTURE: WHAT'S THE REAL VALUE FOR CITIES?
PRESENTER: Dr Cristina Matos Silva, *Associate Professor, Department of Civil Engineering, Architecture and Georesources, Instituto Superior Técnico, Lisbon University*
CO-PRESENTERS: Dr Carlos Oliveira Cruz, Inês Teotónio, *Instituto Superior Técnico, Lisbon University*
DESCRIPTION: Overcoming the limitations to the growth of green infrastructure worldwide. Ongoing research to determine the real economic value of green roofs and walls, as an enhanced cost-benefit analysis
KEYWORDS: Green roofs/walls; Cost-benefit analysis; Benefits quantification/monetisation; Uncertainty; Demonstration projects
PARTNERS: CERIS research center
CONTACT: cristina.matos.silva@tecnico.ulisboa.pt



003 SCOTTISH GREEN INFRASTRUCTURE FUND
PRESENTER: Martin Faulkner, *Green Infrastructure Project and Funding Officer, Scottish Natural Heritage*
DESCRIPTION: Scottish Natural Heritage leads on the Scottish Government's Green Infrastructure Strategic Intervention (GISI), part of the 2014 – 2020 European Regional Development Fund (ERDF) programme.
KEYWORDS: Scotland, multiple deprivation, ERDF, multifunction
PARTNERS: Glasgow City Council, Aberdeen CC, National Health Service Grampian, South Lanarkshire, West Dunbartonshire, Scottish Canals, Southside Housing Association
WEBLINK: <https://www.greeninfrastructurescotland.org.uk/>
CONTACT: Martin.Faulkner@snh.gov.uk



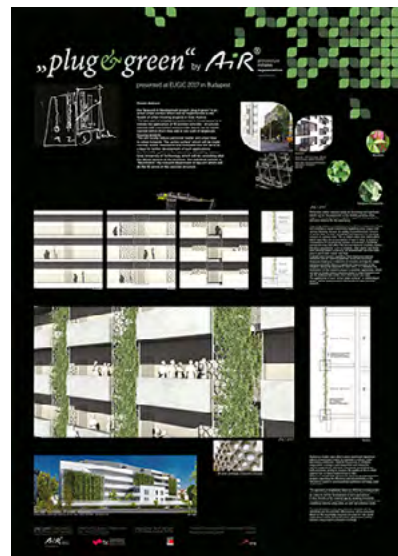
004 TESTING PLANTS IN A TEXTILE-BASED SYSTEM FOR VERTICAL GREENING
PRESENTER: Maren Stollberg, *PhD Research Assistant, Centre for Landscape Architecture and Urban Greening, Geisenheim University*
CO-PRESENTER: Prof. Dr. Alexander von Birgelen
DESCRIPTION: The aim is to test plants on their suitability to get high plant diversity and an all-season plant picture for vertical greening. Different plants, methods and light requirements were chosen. Greening the experimental walls outdoors followed pre-growth in the greenhouse.
KEYWORDS: Plant use, plant diversity, wall fixed, research, textile-based system
CONTACT: Maren.Stollberg@hs-gm.de



005 URBAN GREENUP – NEW STRATEGY FOR RE-NATURING CITIES THROUGH NATURE-BASED SOLUTIONS
PRESENTER: Raúl Sánchez, *URBAN GreenUP Project Coordinator, Fundación CARTIF*
CO-PRESENTERS: Jose Feroso, Nuria García, Laura Pablos, *CARTIF* and Jesús Gómez, Alicia Villazán, *Valladolid City Council (Spain)*; Paul Nolan, *The Mersey Forest, Juliet Staples, Christine Darbyshire, Liverpool City Council*; Rob Marrs, Sara Clement, *University of Liverpool (UK)*; Didem Yaygel, Izmir, Buyuksehir Belediyesi, Baha Kuban, Demirenerji, Koray Valibeyoglu, Iyte, Serif Hepcan, *Ege University (Turkey)*
DESCRIPTION: URBAN GreenUP demonstrates innovative methods to re-nature cities through NBS interventions, with new technologies towards the adaptation of cities to climate change
KEYWORDS: Nature-based solutions, re-naturing cities, green infrastructure, urban plans, replication
PARTNERS: Valladolid (Spain), Liverpool (UK), Izmir (Turkey), Mantova (Italy), Ludwigsburg (Germany), Medellín (Colombia), Chengdu (China), Binh Dinh (Vietnam)
WEBLINK: www.urbangreenup.eu **CONTACT:** rausan@cartif.es



006 THE CONVERTIBLE GREEN ROOF
PRESENTER: Chris Bridgman, *Director, Bridgman & Bridgman*
DESCRIPTION: Bridgman & Bridgman installed the first fully removable green roof in the UK on a flood water pumping station in Hull, which prevents the City and 17,000 homes from flooding
KEYWORDS: UK's first removable green roof
PARTNERS: Black & Veatch, Arup, Optigreen
WEBLINK: www.gardensinthesky.co.uk
CONTACT: chris@bridgmanlandscapes.co.uk



007 PLUG&GREEN

PRESENTER: Andrea Redi, *CEO, AiR Architecture initiates Regeneration, Co-operation GS Architects*

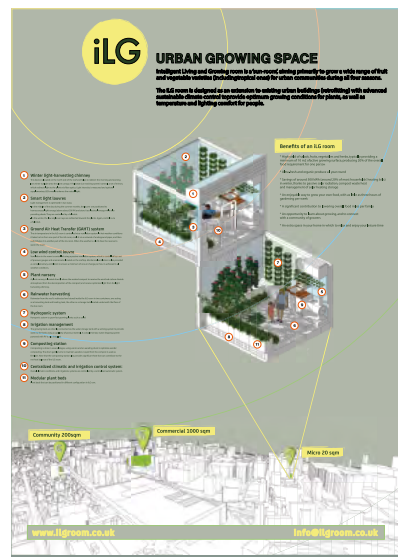
CO-PRESENTERS: Heinz Ferk, *Laboratory of Building Science, Graz University of Technology*

DESCRIPTION: Plug&Green is an active urban surface to be implemented in urban housing façades in Graz, Austria. Plug&Green provides quick, low-cost, 3D-printed concrete structures planted with e.g. evergreen honeysuckle to reduce particulate matter and heat in urban hotspots. The 'active surface' being tested and assessed is the basis for further development

KEYWORDS: Active urban surface, 3D-printed concrete structure, green façade, regenerative architecture, sustainable system

PARTNERS: Co-operation GS Architects, Danjiela Gojic, Brigitte Spurej, Heinz Zehetner, Aron Mader, Laboratory of Building Science, Graz University of Technology, Heinz Ferk, Daniel Rüdiger, Barbara Wessely, BAUMIT, Eduard Leichtfried

WEBLINK: www.air-creation.at **CONTACT:** air@gsarchitects.at



008 | INTELLIGENT LIVING GROWING ROOM

PRESENTER: Suan Ho-Dinh, *Director, Suan Ltd*

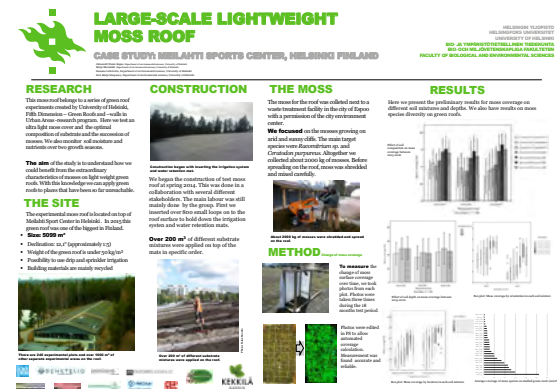
CO-PRESENTER: David Padadac, *The Botohouse*

DESCRIPTION: intelligent Living and Growing room (iLG room) is a 'sun-room', aiming primarily to grow a wide range of fruit and vegetable varieties for urban communities during all four seasons

KEYWORDS: Food growing, lighting design, permaculture, hydroponics, smart temperature control

WEBLINK: www.ilgroom.co.uk

CONTACT: suan@suanltd.co.uk



009 LARGE-SCALE LIGHTWEIGHT MOSS ROOF, MEILAHTI, HELSINKI

PRESENTER: Juhamatti Niemi-Kapee, *PhD student, University of Helsinki*

DESCRIPTION: We tested an ultra-light moss cover – specifically the optimal composition of substrate and succession of mosses. This knowledge helps us build green roofs in places that have been so far unreachable

KEYWORDS: Moss roof, lightweight, large-scale, substrate composition, moss species diversity

PARTNERS: University of Helsinki

WEBLINK: www.instagram.com/sammalkatto/

CONTACT: jm.niemikapee@gmail.com



010 GREEN INFRASTRUCTURE NETWORK, WROCLAW FUNCTIONAL AREA – THE FIRST STEP TO IMPLEMENTATION

PRESENTER: Prof Dr Irena Niedźwiecka-Filipiak, *Landscape Architect, Institute of Landscape Architecture, Wrocław University of Environmental & Life Sciences*

CO-PRESENTERS: Justyna Rubaszek PhD, Jurek Potyrała PhD, *Institute of Landscape Architecture, Wrocław University of Environmental & Life Sciences*

DESCRIPTION: The poster presents the project of the green infrastructure network in the Wrocław Functional Area: the main idea of the system and its structure

KEYWORDS: Green infrastructure, regional scale, project, Wrocław Functional Area, Poland

PARTNERS: City of Wrocław, and Wrocław University of Environmental & Life Sciences

WEBLINK: www.irt.wroc.pl/irt_wroclaw/web/uploads/pub/news/news_282/text/Zielona%20infrastruktura%20WrOf.pdf

CONTACT: irena.niedzwiecka-filipiak@upwr.edu.pl



011 GARDEN CITY DREWITZ GOES TO KIKWAJUNI ZANZIBAR: TRANSFERRING PARTICIPATIVE APPROACHES IN URBAN DEVELOPMENT PLANNING

PRESENTER: Dr Torsten Lipp, *Scientist, Institute of Earth Science and Environmental Landscape Management, University of Potsdam*

DESCRIPTION: Garden City Drewitz is a prize-winning urban development project in Potsdam, Germany. We transferred participative approaches to the Kikwajuni quarter in Zanzibar, which is a twin town to Potsdam

KEYWORDS: Urban development, participation, urban green space, climate change

PARTNERS: City of Potsdam, Germany and City of Zanzibar, Tanzania

CONTACT: tlipp@uni-potsdam.de



012 UPFARMING

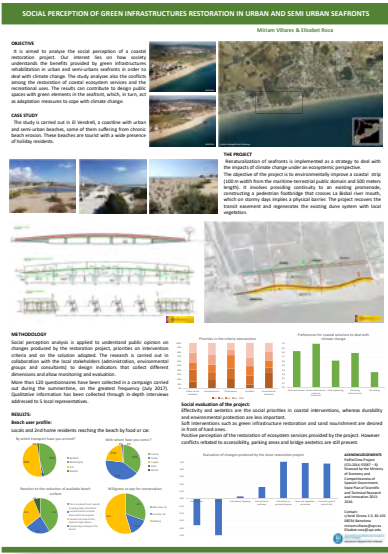
PRESENTER: Kelai Diebel, *Researcher, Alexander von Humboldt University Berlin*

DESCRIPTION: Working to create a knowledge basis to lift the barriers of urban farming proliferation, to help urban agriculture become a tool to help access to food and green spaces

PARTNERS: IOP, Bhubaneswar; UGC-DAE CSR, Kolkata; Department of Environmental Science, Calcutta University, Kolkata; Department of Material Science & Metallurgy, University of Cambridge, Cambridge, UK

WEBLINK: www.upfarming.net

CONTACT: kelai.diebel@gmail.com



013 SOCIAL PERCEPTION OF THE REHABILITATION OF GREEN INFRASTRUCTURES IN COASTAL MUNICIPALITIES

PRESENTER: Dr Miriam Villares, *Researcher, ETS d'Enginyers de Camins Canals i Ports, Universitat Politècnica de Catalunya*

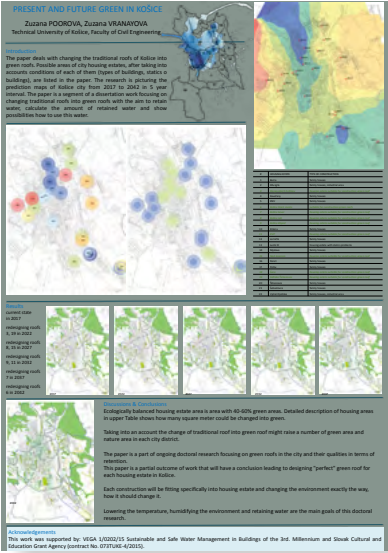
DESCRIPTION: Rehabilitation of green infrastructures in coastal municipalities. Renaturalization of seafronts. Social perception analysis. Design of public spaces with green elements

KEYWORDS: Rehabilitation with green infrastructures, renaturalization, seafronts, social perception, climate change

PARTNERS: MINECO

WEBLINK: pairisclima.upc.edu

CONTACT: miriam.villares@upc.edu



014 PRESENT AND FUTURE GREEN IN KOŠICE

PRESENTER: Zuzana Poorova, *Assistant professor, architect, Technical University of Kosice, Faculty of Civil Engineering*

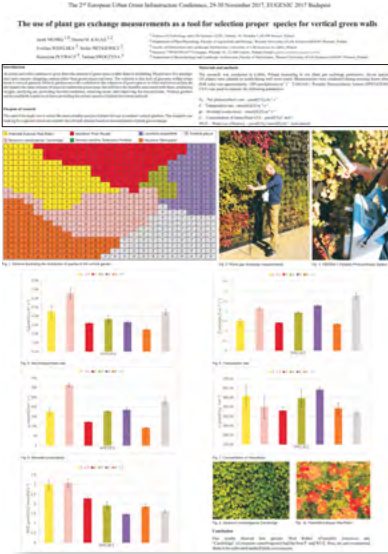
CO-PRESENTER: Zuzana Vranayova, *Technical University of Košice, Faculty of Civil Engineering*

DESCRIPTION: Exploring implementation of green roofs on housing estates in Košice, to retain water, calculate the amount of retained water and possible uses of this water. Košice city straddles the Hornád River, Abov region, in eastern Slovakia near the border with Hungary,Ukraine and Poland at the intersection of historic trade routes

KEYWORDS: Traditional roof, green roof, climate change, rainwater retention, urbanism

PARTNERS: Technical University of Košice, Faculty of Civil Engineering

CONTACT: zuzana.poorova@tuke.sk



015 MEASURING PLANT GAS EXCHANGE AS A TOOL TO SELECT SPECIES FOR GREEN WALLS

PRESENTER: Jacek Mojski, *PhD student, Institute of Technology and Life Sciences, Faculty of Agriculture and Biology, Warsaw University of Life Sciences*

CO-PRESENTERS: Hazem M. Kalaji, *ITP, Faculty of Agriculture and Biology, Department of Plant Physiology, Faculty of Agriculture and Biology, Stefan Pietkiewicz, Department of Plant Physiology, Faculty of Agriculture and Biology, Tatiana Swoczyna, Department of Biotechnology and Landscape Architecture, Faculty of Horticulture, Warsaw University of Life Sciences; Ewelina Widelska, Faculty of Horticulture and Landscape Architecture, University of Life Sciences Lublin; Katarzyna Peywac, TWÓJ ŚWIAT*

DESCRIPTION: The aim of the study was to select the most suitable plant species for outdoor vertical gardens growing in the Polish climate, on the basis of plant gas exchange measurements

KEYWORDS: Vertical gardens, plants gas exchange, photosynthesis

CONTACT: jacekmojski@gmail.com



016 GROFIE GREENWALL SYSTEM

PRESENTER: Tamas Koltai, *CEO-Biologist, Gourmet Garden Kft. Hungary*

CO-PRESENTER: Viktor Merker, *GROFIE Greenwall system designer*

DESCRIPTION: The GROFIE SYSTEM based on a changeable, modular, reusable and/or compostable plant container formed as plant capsule (horizontal use) or plant pocket (vertical use)

KEYWORDS: PAAS, modular, compostable, optimized, design

PARTNERS: Cubilog,Főkefe

WEBLINK: www.grofie.hu

CONTACT: thomaskoltai@gmail.com



017 CITY ADMINISTRATION AND INSTITUTIONS OF THE CITY OF ZAGREB - SYNERGIES TO STRENGTHEN URBAN BIODIVERSITY AND ZAGREB'S GREEN INFRASTRUCTURE NETWORK

PRESENTER: Biljana Janev Hutinec, *Director, Maksimir (Public institution)*

CO-PRESENTERS: Stipe Tutiš, *City Institute for the Conservation of Cultural and Natural Heritage; Davorka Maljković, Zoological Garden of Zagreb; Jurica Ambrožić, DVM, City office for agriculture and forestry*

DESCRIPTION: The presentation includes activities that are jointly planned and implemented by city offices and institutions in the city of Zagreb with a view to develop green infrastructure and preserve and improve urban biodiversity

KEYWORDS: City of Zagreb, urban biodiversity, green infrastructure, public awareness, EU funds

PARTNERS: Zagreb City Institute for the Conservation of Cultural and Natural Heritage, Zagreb City office for agriculture and forestry, Zoological Garden of Zagreb, Public institution Maksimir

CONTACT: ravnatelj@park-maksimir.hr



018 GREENING ASPANG STREET IN VIENNA

PRESENTER: Dr Betül Bretschneider, *UrbanTransForm Research Consulting*

CO-PRESENTERS: Prof. Azra Korjenic, *Vienna University of Technology, Department of Building Physics; Dr. Ulrike Pitha, Bernhard Scharf, BOKU Institute of Soil Bioengineering and Landscape Construction*

DESCRIPTION: The Greening Aspang project has the target to provide a multi-disciplinary approach for realizing the transformation by developing innovative, easily transferable and cost-effective process models for both climate- and social-effective comprehensive greening

KEYWORDS: Greening, participation, street regeneration, microclimate, urban traffic

PARTNERS: Bernhard Scharf

WEBLINK: www.smartcities.at/stadt-projekte/smart-cities/gesamtenergetische-optimierung-von-stadtgebieten-aspangstrasse-wien/

CONTACT: office.bretschneider@chello.at



019 BUTTERFLY EFFECT PARK KRAKOW

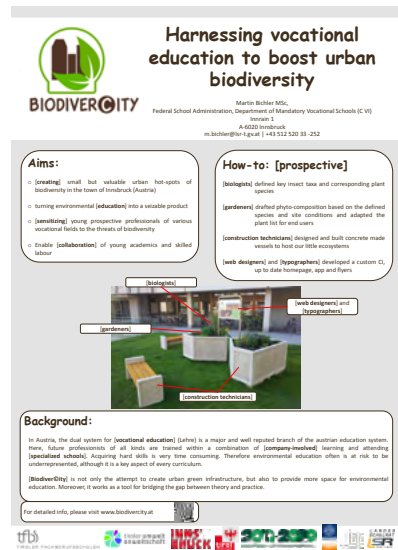
PRESENTER: Katarzyna Opalka, *Krakow City Landscape Architect, Municipal Greening Authority Krakow*

DESCRIPTION: An extraordinary pocket park caused a chain reaction for positive change across the city. Planted with native wildflowers, trees, grasses and sedges for different insects, solar lighting imitating fireflies, play area on butterfly life cycles, creating nature habitat while improving wellbeing in the city and neighborhood. Krakow is now planning 10 more pocket parks next year

KEYWORDS: Butterfly effect, pocket park, crowdfunding

PARTNERS: City of Krakow Poland

CONTACT: kopalka@zzm.krakow.pl



020 HARNESSING VOCATIONAL EDUCATION TO BOOST URBAN BIODIVERSITY

PRESENTER: Martin Bichler, *Project manager Biodiver(c)ity, Landesschulrat für Tirol*

DESCRIPTION: Biodiver©ity aims to bridge the gap between theory and practice.

It's an attempt to create urban green infrastructure, but also to provide more space for environmental education in vocational schools.

KEYWORDS: Comprehensive environmental education, urban small scale habitat network

PARTNERS: Tiroler Fachberufsschulen, Land Tirol, Tiroler Umwelthanwaltschaft, Stadt Innsbruck, Universität Innsbruck, Verein N.E.u.E.

WEBLINK: www.biodivercity.at

CONTACT: m.bichler@lsr-t.gv.at



021 BOXSCAPE

PRESENTER: Ivan Mustakov, *landscape architect, Landscape Design Studio, Sofia, Bulgaria*

DESCRIPTION: boxSCAPE is a modular solution which transforms and enriches open public spaces, promoting green infrastructure. Its flexibility allows an adaptive ecological solution, depending on the precise demands of the community

KEYWORDS: Green infrastructure, modular system, transformation, container, solution

WEBLINK: www.boxscape.eu

CONTACT: office@landscapedesignstudio.eu



022 GREEN INFRASTRUCTURE FOR ZARAGOZA

PRESENTER: Montserrat Hernandez Martín, *Head of the Technical Unit on Forest Management, Zaragoza City Council*

CO-PRESENTER: Luis Manso de Zúñiga González, *Head of the Environmental Conservation Unit, Zaragoza City Council*

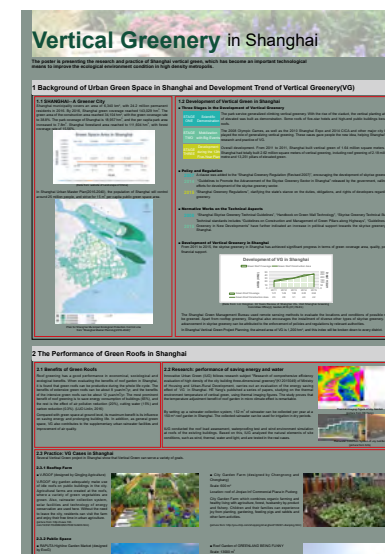
DESCRIPTION: Zaragoza LIFE Natural project has contributed to the promotion of green infrastructure in Zaragoza, developing several environmental initiatives, involving citizens and integrating environmental aspects into the urban planning strategy

KEYWORDS: Green infrastructure, environmental connection, environmental restoration, urban planning, citizens

PARTNERS: Zaragoza City Council

WEBLINK: www.zaragoza.es/ciudad/medioambiente/natural/

CONTACT: areasnaturales@zaragoza.es, dmagallon@fcirce.es, mherandezm@zaragoza.es, medionatural@zaragoza.es, ohegyi@ceeweb.org



023 VERTICAL GREENING IN SHANGHAI

PRESENTER: Trudy Maria Tertilt, *Senior Policy Advisor, Shanghai Academy of Landscape Architecture Science and Planning*

CO-PRESENTERS: Dong Nannan, *associate professor of Collage of Architecture and Urban Planning, Tongji University*; Shi Hong, *graduate student of Collage of Architecture and Urban Planning, Tongji University*

DESCRIPTION: The poster presents the research and practice of Shanghai vertical greening, which has become an important technological means to improve ecological and environmental conditions in this high-density metropolis

KEYWORDS: Vertical greening, landscape, research, cases, Shanghai

PARTNERS: Shanghai Academy of Landscape Architecture Science and Planning; Landscape Architecture, CAUP, Tongji University

CONTACT: Tmt_mail@yahoo.com



024 PERCEIVED GREEN SPACES CHARACTERISTICS AND EARTH OBSERVATION-BASED MAPPING

PRESENTER: Gyula Kothencz, *PhD candidate, Department of Geoinformatics, University of Salzburg Austria*

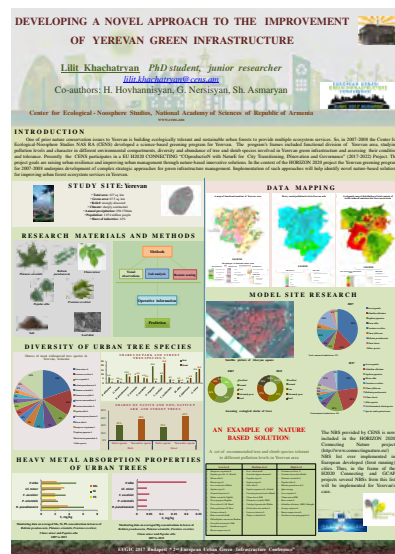
CO-PRESENTERS: Florian Albrecht and Antonia Osberger, *Geoinformatics Dept, University of Salzburg*; Daniel Hölbling, *Geoinformatics Dept, University of Salzburg and Spatial Services GmbH, Austria*

DESCRIPTION: This poster describes a chain of methodologies that was developed to support urban planners to shape the future of urban green spaces according to green space visitors' needs

KEYWORDS: Urban green spaces, quality of life, visitor satisfaction, earth observation, green structures

PARTNERS: Department of Geoinformatics, University of Salzburg; Spatial Services GmbH, Austria

CONTACT: gyula.kothencz@sbg.ac.at



025 THE GRÜNOASE PROJECT: AN INTEGRATED ANALYSIS AND ASSESSMENT OF GREEN CITY OASES

PRESENTER: Florian Albrecht, *Researcher, Department of Geoinformatics, University of Salzburg*

CO-PRESENTERS: Antonia Osberger and Gyula Kothencz, *Geoinformatics Dept, University of Salzburg*; Daniel Hölbling, *Geoinformatics Dept, University of Salzburg and Spatial Services GmbH, Austria*; Klemens Pürmayr, Bernadette Dannerer, Martin Sigl and Verena Hitsch, *allee42 landschaftsarchitekten GmbH*

DESCRIPTION: We develop guidelines that rely on an integrated urban green assessment based on remote sensing data and in-situ questionnaire surveys to support sustainable planning of urban green infrastructure

KEYWORDS: Urban green spaces, remote sensing, citizens' perception, urban planning, guidelines

PARTNERS: Geoinformatics Dept, University of Salzburg; Spatial Services GmbH, Austria; allee42 landschaftsarchitekten GmbH

WEBLINK: zgjs.at/grunoase/ **CONTACT:** florian.albrecht@sbg.ac.at

026 LONDON BRIDGE GREEN GRID

PRESENTER: Jack Skillen, *Placeshaping Director, Team London Bridge*

DESCRIPTION: In London Bridge, greenery, biodiversity and resilience to climate change is central to our vision of a world class, engaging and distinctive environment

KEYWORDS: Design Business Placeshaping Multi-functional Partnership

PARTNERS: Southwark Council, Greater London Authority, Ecology Consultancy, Green Infrastructure Consultancy, London Bridge City, Network Rail, Fair Community Housing, The Shard, Potters Fields Management Trust, Guy's Hospital, Kings College London

WEBLINK: www.teamlondonbridge.co.uk/green

CONTACT: jack@teamlondonbridge.co.uk

027 DEVELOPING A NOVEL APPROACH TO THE IMPROVEMENT OF YEREVAN GREEN INFRASTRUCTURE

PRESENTER: Lilit Khachatryan, *Junior Researcher, Center for Ecological-Noosphere Studies of National Academy of Sciences, Republic of Armenia*

CO-PRESENTERS: Ms. Hasmik Hovhannisyants, Ms. Gayane Nersisyan and Ms. Shushanik Asmaryan, *Center for Ecological-Noosphere Studies of National Academy of Sciences, Republic of Armenia*

DESCRIPTION: The main goal of this research is to develop novel nature-based approaches to Yerevan green infrastructure in order to control and improve the ecosystem services

KEYWORDS: Urban forest, urban greening, urban green infrastructure, ecosystem services, nature-based solutions

PARTNERS: Center for Ecological-Noosphere Studies of National Academy of Sciences of Republic of Armenia

CONTACT: lilit.khachatryan@cens.am



028 | STRUCTURAL SOIL: AN ALTERNATIVE FOR BETTER TREES

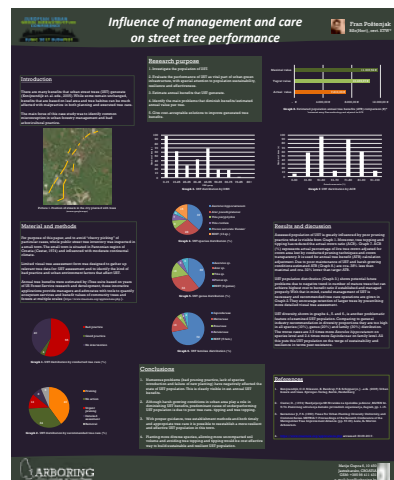
PRESENTER: Henryk Kociel, *PhD candidate, Institute of Technology and Life Sciences, Falenty Poland*

CO-PRESENTERS: Hazem M. Kalaji, *Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences*; Marzena Suchocka, *Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences*; Żaneta Tuchowska, *OGRÓD*

DESCRIPTION: The aim of the work is to demonstrate the benefits of using structural substrates for existing and newly planted trees growing under urban environments

KEYWORDS: Structural soil, urban trees, stress, habitat conditions, root system

CONTACT: h.kociel@interia.pl



029 | INFLUENCE OF MANAGEMENT AND CARE ON STREET TREE PERFORMANCE

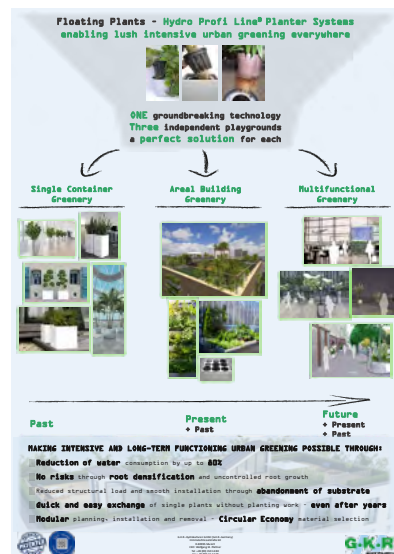
PRESENTER: Fran Poštenjak, *CEO, Arbores sLtd*

DESCRIPTION: Case study on state of city street trees in Jastrebarsko. Problem outline and suggestions in order to make population more sustainable, resilient and efficient in generation tree benefits

KEYWORDS: Urban street trees management, arboriculture, urban forestry, tree benefits

WEBLINK: www.arboring.hr

CONTACT: fran@arboring.hr



030 | FLOATING PLANTS - HYDRO PROFI LINE® PLANTER SYSTEMS

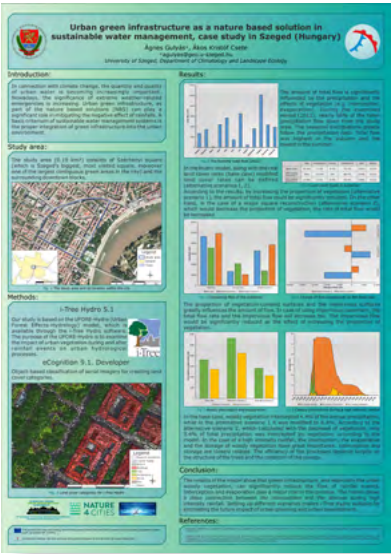
PRESENTER: Tobias Fürst, *Head of Strategic Partnerships, G.K.R. Germany*

DESCRIPTION: Modular, flexible, low-maintenance and water-saving intensive urban greening of all impervious surfaces now possible: Floating Plants with Hydro Profi Line®

KEYWORDS: Intensive urban greening, floating plants, planter system, equipping buildings, impervious surfaces

WEBLINK: www.floating-plants.com

CONTACT: t.fuerst@gkr-germany.de



031 URBAN GREEN INFRASTRUCTURE AS A NATURE-BASED SOLUTION IN SUSTAINABLE WATER MANAGEMENT, SZEGED, HUNGARY

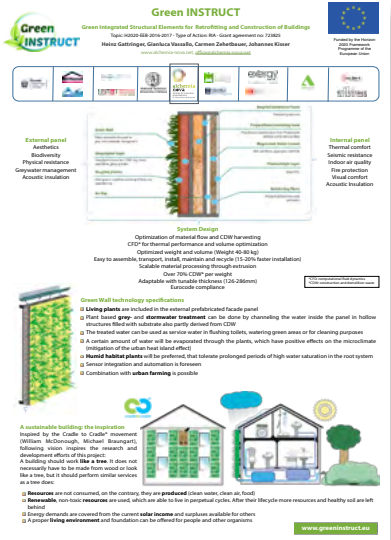
PRESENTER: Dr. Ágnes Gulyás, Assistant Professor, University of Szeged, Dep. of Climatology and Landscape Ecology

CO-PRESENTER: Ákos Kristóf Csete, PhD student, University of Szeged, Dep. of Climatology and Landscape Ecology

DESCRIPTION: The impact of green infrastructure on urban hydrological cycles can become more important in mitigating the negative impacts of climate change. Green infrastructure can become an important element of modern urban planning as a nature based solution.

KEYWORDS: Nature based solution, sustainable water management, hydrological modelling, UFORE-Hydro, urban planning

CONTACT: agulyas@geo.u-szeged.hu, cseteakos@geo.u-szeged.hu



032 GREEN INSTRUCT

PRESENTER: Carmen Zehetbauer, Project Manager, alchemia-nova GmbH

DESCRIPTION: Green INSTRUCT The prefabricated modular wall panel made from Construction and Demolition Waste incorporates Green Wall technology for the treatment of grey & storm water, improved acoustic and thermal performance

KEYWORDS: CDW, green building, water treatment, green facade, water reuse

PARTNERS: Brunel University London, Fundacion Cidetec, Acondicionamiento Tarrasense Asociacion, National Technical University of Athens, Center of Technology Research and Innovation Ltd., Exergy Ltd., alchemia-nova GmbH, Sviluppo Tecnologie e Ricerca per l' Edilizia sismicamente sicura ed ecosostenibile scarl, Universidade de Aveiro, Artia nano-engineering & consulting, NR-GIA Budownictwo SP ZOO, Collanti Concorde SRL, Cool Haven – Habitacoe modulares e ecosustentaveis SA, Acciona Construcccion S.A. Cities: Vienna, London, San Sebastian, Terrassa, Athens, Limassol, Coventry, Naples, Aveiro, Neo Psychiko, Lublin, Vittorio Veneto, Cantanhede, Alcobendas

WEBLINK: www.greeninstruct.eu/ **CONTACT:** zehetbauer@alchemia-nova.net

033 NATURE4CITIES FRAMEWORK OF KEY PERFORMANCE INDICATORS FOR NATURE-BASED PROJECTS

PRESENTER: Florian Kraus, Green4Cities

CO-PRESENTERS: Flóra Szkordilis and János Balázs Kocsis, MUTK; Javier Babí Almenar, LIST; Özge Yilmaz, EKO; Ryad Bouzouidja, AO; Marjorie Musy, CER; Noémi Kántor, Ágnes Gulyás, Attila Kovács and Márton Kiss, SZTE; Ders Csaba, Richárd Ongjerth and Emőke Kósa, MUTK; Benedetto Rugani, LIST; Katia Chancibault, Benoit Gauvreau, Thierry Lebeau and Béatrice Bechet, IFSTTA; Ghazlane Fleury and Thierry Lebeau, UN; Patrice Cannavo, Pierre-Emmanuel Bournet, Etienne Chantoiseau, Véronique Beaujouan, Adelin Bulot, Hervé Daniel, Laure Beaudet, René Guenon and Gilles Galopin, AO; Emine Ferraro, ARG; Ufuk Kürkçü, AR; Jose Feroso Domínguez and Laura Pablos López, CAR; María González Ortega, CARBeril Şenyurt and Duygu Başoğlu, EKO; Pauline Laille, P&C; Aitziber Egusquiza, TEC; Sonia Montané and Gonzalo Pinto, ACC;



Margherita Pongiglione and Carlo Strazza, RHINA; Ramazan Sari and Sinem Akkocaoglu, METU; Eminegül Karababa, MET; Nicola Pisani, CLR; Marco Tiemann and Aida Azadegan, ILL; Emeline Muller and Laurent Cohen, TRS; Sylvia Breukers, DW; Mariska de Zeeuw, DW; Katia Rossetto, CM; Eylem Koçak, CAN; Bianka Hevizi, SZEG; Lara Vivas, AH; Doris Schnepf, Michela Theurer and Johannes Anschöber, G4C; Luca Cotta Ramusino, R2M; Marc Lotteau and Germain Adell, NBK

DESCRIPTION: In this poster we present the framework of urban challenges and indicators which are of key importance in evaluating NBS projects

KEYWORDS: Nature-based solutions, urban challenges, indicators

PARTNERS: Green4Cities, Budapest University of Technology and Economics, Luxembourg Institute of Science and Technology, Ekodenge, Nobatek, Cerema

WEBLINK: www.nature4cities.eu

CONTACT: florian.kraus@green4cities.com



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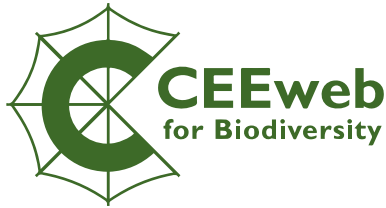
www.livingroofs.org

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