



3rd European
Urban Green
Infrastructure
Conference

10-12 April 2019 London

PARTNERS
PROGRAMME
SPEAKERS
POSTERS

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FOREWORD

Shirley Rodrigues
London Deputy Mayor
Environment and Energy

I am delighted that EUGIC 2019 is being held in London. The Mayor is committed to making more than half of London green by 2050 and, later this year, London will become the first National Park City. To achieve both we will need to continue to green our buildings, streets and public realm.

Sharing knowledge and skills with other European cities will continue to be important to London despite the wider political context in the UK. I hope the conference is a success and it provides a platform for continued dialogue with our friends across Europe.



SA Rodrigues

Biosolar roof at Here East in the Queen Elizabeth Olympic Park, London Photo: Dr Stuart Connop





Prof Bob Sheil

Director of The Bartlett School of Architecture, UCL Professor of Architecture and Design through Production

I am delighted we are able to co-host EUGIC 2019 at Here East, to share and promote the work of colleagues from a range of industries and disciplines towards creating greener and more sustainable urban environments. The conference is not only a prime opportunity to come together to share knowledge and practice, but to demonstrate all of our commitment to generating novel, creative and practical strategies for making our cities happier and healthier places for all their inhabitants.

While political relationships may currently be uncertain, it is vital that we continue to collaborate with our friends in Europe towards meeting these shared aims and tackling the greater issues of our time. EUGIC 2019 provides a prime opportunity for building and growing the relationships which are essential to progress in this area.













Dr Rachel Cruise

Senior Lecturer, Structural and Architectural Engineering School of Architecture, Building and Civil Engineering Loughborough University

The School of Architecture, Building and Civil Engineering at Loughborough University is very pleased to be supporting and co-hosting EUGIC 2019 with The Bartlett, UCL, our first joint event at our new Here East campuses in East London.

Cities face some very real challenges from climate impacts, but this a perfect challenge for designers, engineers and builders to turn their creative ingenuity to, to address a common and vital issue.

This Europe-wide conference brings together industry and academics from a wide range of disciplines and practitioners from a range of construction professions to create an important interdisciplinary conversation around how green infrastructure and nature-based solutions can improve our built environment and address our environmental impact.



R.B. Crore.







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Achieving urban development that fully exploits the multi-functional benefits of sustainable Green Infrastructure is the focus of Polypipe's new comprehensive Design Guide, 'Inspiring Green Urbanisation'.

A key tool in applying new technologies and proven techniques within holistic, end-to-end designs, the Guide shows how high-value, contemporary urban landscapes can be effectively introduced into any scale of new build or refurbishment project.

To obtain your free copy of the Guide, visit our stand at EUGIC 2019 or visit www.polypipe.com/green-infrastructure



Polypipe is proud to be Platinum Sponsor of EUGIC 2019

Michael White

Marketing and Development Director, Polypipe

On behalf of Polypipe, welcome to London and to the 3rd EUGIC Conference, which is visiting the United Kingdom for the first time. The next two days promise an exciting knowledge exchange that will help in our drive to mitigate the many challenges presented by climate and social change. Recent history has demonstrated the critical importance of effective water management in securing a resilient future.

At Polypipe, we are developing integrated solutions with the capability to inspire a re-imagination of our urban landscapes. By harnessing the benefits of emerging technologies and materials breakthroughs we are pushing the performance envelope, creating opportunities for designers and developers to bring sustainable ecosystems into the heart of our built environment.

We hope you enjoy the conference.

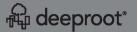






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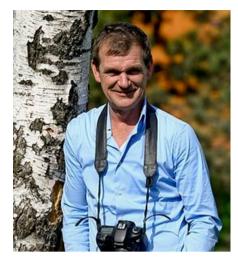
Dusty Gedge

Founder, Livingroofs.org
Director, The Green Infrastructure Consultancy
President, European Federation of Green Roof and Wall Associations

Since its inception, EUGIC has been about communicating the success of the EU Ecosystem Services and Green Infrastructure strategy. I am pleased that London is the host in 2019, as London has the governance to implement urban green infrastructure across the UK's capital, as the new London green roof and walls report, launched at EUGIC 2019, shows.

Additionally, being in the UK, there are plenty of 'stories' to be told from across the country. Along with national stories, there are keynotes and stories from across Europe and, for the first time, from representatives from beyond the continent.

EUGIC is designed to be more than a series of 'experts' talking, but an interactive experience where speakers and delegates share, co-create and hopefully, outside the conference, also collaborate to ensure that our cities and towns across Europe become greener, healthier, more resilient to climate impacts and more nature-based—for both people and wildlife.





Louise Clarke

Head of Sustainable Places, Berkeley Group

The Berkeley Group is passionate about creating wonderful homes and strong communities that stand the test of time. A key part of this is building truly sustainable places that support people's wellbeing and strengthen the natural environment. To help achieve this we incorporate green infrastructure into our developments from green roofs to sustainable urban drainage systems.

Berkeley Group is pleased to support the European Urban Green Infrastructure Conference as Gold Sponsors to help raise awareness of green infrastructure and the benefits it brings.





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UK Green Infrastructure
Partnership



Our Future Water



The London Wildlife Trust



GRÜNSTATTGRAU Forschungs- und Innovations- GmbH



EFB — European Federation of Green Roof & Wall Associations



IUCN—International Union for Conservation of Nature



London National Park City



IALE International Association of Landscape Ecologists



ICLEI Local Governments for Sustainability



Sustmeme



Landscape Institute



NAZ GRA Serbia Green Roof Association



CEEWEB for Biodiversity



ICLEI – Local Governments for Sustainability is a global network of more than 1,750 local and regional governments committed to sustainable urban development. Active in 100+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development. Our Members and team of experts work together through peer exchange, partnerships and capacity building to create systemic change for urban sustainability.

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The Green Infrastructure Consultancy (GIC) is owned by Gary Grant, Dusty Gedge and The Ecology Consultancy (which is part of the Temple Group). It advises on policy, strategy, planning, design, funding, installation, management and maintenance of green infrastructure, with a special interest in green roofs, green walls and sustainable drainage features, including rain gardens. GIC has a track record of seminal projects ranging from policy (for example the New London Plan draft policy on urban greening and London Mayor's living roof policy and technical report) to cutting edge analysis (for example the London Bridge and Bankside Green Infrastructure Audits) to high profile projects (for example the Rubens at the Palace Hotel living wall) and award-winning community-led initiatives (like the Littlehampton rain gardens). GIC is proud to be the UK Partner for GREENPASS®, world-leading climate change adaptation modelling software.

Clients include:

AECOM, Better Bankside, BugLlfe – The Invertebrate Conservation Charity, Calthorpe Project, Cambridge Conservation Initiative, CIRIA, City of Antwerp, City of Brighton and Hove, City of Cambridge, City of London Corporation, City of Riyadh, City University London, City of Westminster, Environment Agency, Forest of Marston Vale, Geffyre Museum, Groundwork, Grosvenor Estates, House of Fraser, Kingston University, Laing O'Rourke, Land Securities, LDA Design, Lendlease, LINC Cymru, Littlehampton Town Council, London Borough of Camden, London Borough of Islington, London Borough of Lambeth, London Borough of Lewisham, London Borough of Southwark, London Borough of Tower Hamlets, London Legacy Development Corporation, London Underground Ltd, Manchester University, National Trust, Natural Resources Wales, Nikken Sekkei, Peabody, PwC, Queen Mary College London, Red Carnation Hotels, Royal Borough of Greenwich, Royal Borough of Kensington and Chelsea, Royal Society for the Protection of Birds, RPS Group, Skanska, Specifi, Standard Chartered Bank, Team London Bridge, The Queen's College, Oxford, The Met Group, The Royal Parks, University College London, University of Sheffield, Victoria & Albert Museum, Victoria Business Improvement District.

ORGANISATION

EUGIC 2019 London is very grateful to the following people for your help to deliver this event

The Bartlett School of Architecture, UCL

Prof Bob Sheil Director of The Bartlett School of Architecture, UCL, Professor of Architecture and Design through

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Ruth Evison Communications and Marketing Manager, The Bartlett, UCL

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Huu Cong Audio-visual and Technical Support

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Ben Gascoyne Senior External Affairs Officer, Innovation & Enterprise, UCL

Candice Lewis Communication and Events, UCL

Bandana Rehncy Manager, The Bartlett Real Estate Institute, UCL

Loughborough University

Dr Rachel Cruise Senior Lecturer, Structural and Architectural Engineering, School of Architecture,

Building and Civil Engineering, Loughborough University

Parus Dhanani Facility Manager, Loughborough University London

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With special thanks to

Derek Brown Visualeze website design and management www.visualeze.net

Jim McClelland Founder of Sustmeme and EUGIC Chair www.sustmeme.com

Gary Grant Director, Green Infrastructure Consultancy www.greeninfrastructureconsultancy.com

Nathan Foster Sterling Partners Chartered Accountants www.sterlingpartners.co.uk

Katie Holton Canababes Catering www.canababes.com

EUGIC 2019 London Team

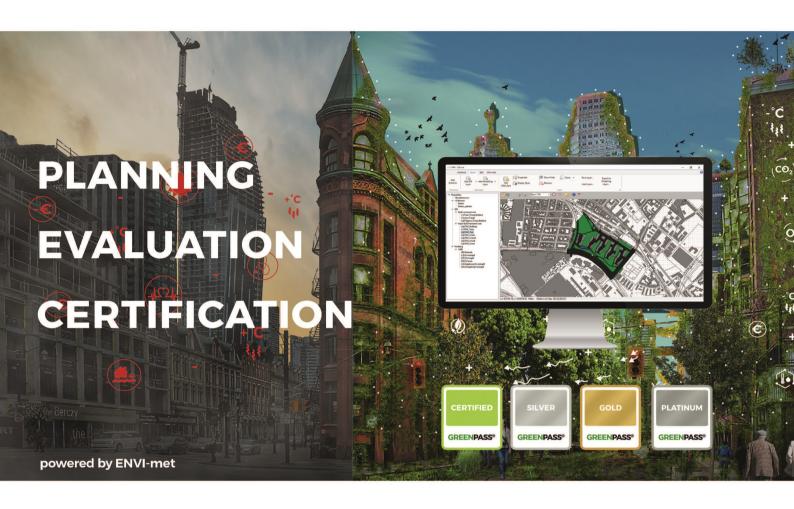
Dusty Gedge EUGIC co-founder and organiser, Founder of Livingroofs.org, Director of the Green Infrastructure

Consultancy, President of the EFB European Federation of Green Roofs & Walls

Blanche Cameron EUGIC co-founder and organiser, Environmental Design Lecturer at The Bartlett School of

Architecture, UCL







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EUGIC 2019 LONDON

CONFERENCE PROGRAMME

DAY 1 WEDNESDAY 10 APRIL

9.00am The Plexal | Session 1 | Welcome to EUGIC 2019 London

Welcome Jim McClelland Chair of EUGIC 2019 and Founder of Sustmeme

EUGIC 2019 Platinum Sponsors Michael White Marketing and Development Director, Polypipe Civils

Welcome to EUGIC in London Dusty Gedge Founder of Livingroofs.org, co-founder of EUGIC, Director of The

Green Infrastructure Consultancy, President of the EFB European Federation of Green Roof and Wall Associations, member of the EU Working Group on Ecosystem

Services and Green Infrastructure

Conference address Shirley Rodrigues London Deputy Mayor for Environment and Energy

9.30am The Plexal | Session 2 | Setting the European scene – climate change, cities and nature

Chair Jim McClelland Sustmeme

Ece Ozdemiroglu UK Committee on Climate Change, Founder of eftec **Mark Nieuwenhuijsen** Director, Urban Planning, Environment and Health

Initiative, Barcelona Institute for Global Health IS Global

Russell Galt Director of the IUCN Urban Alliance

10.30am | Break and EUGIC 2019 London Exhibition

11.00am The Plexal | Session 3 | Delivering nature-based solutions in cities

Chair Jim McClelland Sustmeme

Welcome EUGIC 2019 Co-hosts **Prof Bob Sheil** Director of The Bartlett School of Architecture,

UCL and **Dr Rachel Cruise** Senior Lecturer at the School of Architecture, Building

and Civil Engineering, Loughborough University

Dr Phil Askew Director of Landscapes & Placemaking, Peabody

Prof Richard Ashley Emeritus Professor of Urban Water, University of

Sheffield, Director of EcoFutures Ltd

Agamemnon Otero MBE Founder, Energy Garden and Repowering London

12.00pm The Plexal | Session 4 | Intro to Industry Speed Dating

Chair Jim McClelland Sustmeme

Speedy intros and invitations Polypipe, Langley UK, GreenBlue Urban, Bridgman and Bridgman, Deeproot Urban,

GREENPASS, The Green Infrastructure Consultancy, Scotscape, Greengage, Grass

Roof Company & Green Roof Shelters

12.30pm | Lunch and EUGIC 2019 London Exhibition

2.00pm | Session 5 | Industry Speed Dating

Meet the supply chain helping to deliver urban green infrastructure, discuss your projects and ideas and discover products and services to help you flourish.

Workshops in various locations—see EUGIC 2019 layout plan for details

3.15pm The Plexal | Session 6 | Horizon 2020 Session

3.15pm | H2020 Programme for Nature-Based Solutions for Cities

Chair McKenna Davis Ecologic Institute Berlin

Overview of collaborative H2020 processes to help green Europe's cities, aims, delivery, advocacy, research and communication, with H2020 project speakers

3.50pm | Find your Horizon 2020 Project Workshop—see EUGIC 2019 layout plan for details

4.00pm | Horizon 2020 Project Workshops

See EUGIC 2019 London layout plan for locations

URBAN GreenUP Raúl Sánchez and Nuria García CARTIF Foundation

Nature4Cities Robin Dagois Chargé de Mission at Plante & Cité and Stéphanie Armand-

Decker NOBATEK

Naturvation Dr Caroline Nash Sustainable Research Institute UEL and Dr Laura Tozer

University of Durham

Grow Green Catherine Fallon Landscape Architect, Manchester City Council

CLEVER Cities Nicola Murphy-Evans Greater London Authority

ReNature Dr Mario Balzan Institute of Applied Sciences, MCAST Malta

5.00pm Loughborough Foyer | Session 7 | Feedback Foyer

Chair Jim McClelland Sustmeme Magazine

Sharing today's discoveries, what's in store tomorrow?

6.00pm The Plexal | Session 8 | EUGIC 2019 London Evening Reception & Awards Ceremony

Chair Jim McClelland Sustmeme Magazine

Welcome to The Plexal Francesca Lavey Head of Innovation Services Plexal, EUGIC 2019 London Evening

Reception Sponsors

Discussion | Changing urban design, working with nature for people and wildlife

VIP guest speakers Laura Gatti Studio Laura Gatti, landscape designer of Milan Bosco Verticale and

many other vertical forest projects around the world

Sue Illman Past President Landscape Institute 2012-2014, Managing Director of

Illman Young

Dr Rachel Cruise School of Architecture, Building & Civil Engineering at

Loughborough University

EUGIC 2019 London Awards Presentation by Sue Illman, Laura Gatti and Dr Rachel Cruise of awards to celebrate

European urban green infrastructure projects, policies, strategies and research

DAY 2 **THURSDAY 11 APRIL**

9.00am The Plexal | Session 9 | Keynote address

Jim McClelland Sustmeme Chair

new London Green Roofs and Walls Report and some Cities around Europe

A personal perspective on the **Dusty Gedge** Founder of Livingroofs.org, co-founder of EUGIC, Director of The Green Infrastructure Consultancy, President of the EFB European Federation of Green Roof and Wall Association, member of the EU Working Group on Ecosystem Services and Green Infrastructure

9.15am The Plexal | Session 10 | Cities: Where are they and where do they want to be?

Europe cities and beyond share strategies and projects for urban green infrastructure, the challenges and successes, the paths to get there and what's next.

Jim McClelland Sustmeme Chair

Speakers Eveline Bronsdijk Rotterdam City Sustainability Department

Mark Atherton Director of Environment, Greater Manchester Combined

Authority – Greater Manchester's 5 year Environment Plan

Edmund Maurer City of Linz Planning Department – Nature-based solutions from

and for Linz

Yvonne Lynch independent consultant, previously City of Melbourne Green Infrastructure Programme – Green infrastructure policy and implementation for

Melbourne and Riyadh

Joining the panel discussion Peter Massini Green Infrastructure Lead for the Greater London Authority

10.30am | Break and EUGIC 2019 London Exhibition

11.00am | Session 11 | Outside the Silos – sharing nature-based solutions between sectors

A new session of interdisciplinary discussions between designers, biodiversity and health professionals, contractors, green space managers and food growers, sharing their experiences 'outside the silo'.

Grouping 1 Laura Gatti Studio Laura Gatti | Vegetation selection for various projects on

buildings around the world

lain Rennick Head of Structural Funds, Scottish Natural Heritage | A review of

urban green infrastructure projects delivered in Scotland

Sara Venn Founder, Edible Bristol | Edible Bristol – Community and Food Growing

Alex Bond Biophilic Designs | A solution for re-greening Greater London's 'dead

roof space'

Grouping 2 **Sue Illman** Managing Director Illman Young, Past President of the Landscape

Institute 2012-2014 | Delivering landscapes for stormwater management

James Hewetson-Brown Wildflower Turf Ltd | Wildflowers – The Superheroes of

Green Infrastructure

Morgan Taylor Head of Ecology, Greengage Environmental

Tom Raftery Bauder Ltd | Combining green roofs and photovoltaics—practical

examples and lessons learnt

Grouping 3

Nick White Senior Adviser for Net Gain and Green Infrastructure, Natural England | Net Gain and growing urban Natural Capital

Audrey Muratet Agence Régionale de la Biodiversité Ile-de-France | Urban green roof ecology – Biodiversity Protocols in the Paris Region

Helen Taylor Hosta Consulting | Delivering a roof top park in Nottingham

Chris Bridgman Bridgman & Bridgman LLP | Delivering a green roof for people and wildlife on IKEA's new green roof in London

Grouping 4

Reinhilde Schmit City of Antwerp | Antwerp's Garden Street Project – Co-creating a garden street

Dr Tijana Blanusa RHS Wisley and University of Reading | Humble Hedges – Many Green Infrastructure Benefits

Dr Phoebe Carter Habitat First Group | Making space for nature, building for biodiversity: delivering ecology in an urban neighbourhood

Taina Suonio Fifth Dimension Green Roofs in Urban Areas research group, University of Helsinki

Grouping 5

Ivan Mustakov Landscape Design Studio, Bulgaria | 'Blur' the boundaries and spill nature in the city: urban Green Infrastructure projects from Bulgaria

Dr Leila Tolderlund Assoc Chair of Landscape Architecture, University of Colorado Denver | Green Infrastructure and Immersive Practices to Grow Landscape Democracy

Dr Tom Young Technology Manager, STRI Group | Green Roof Substrate – The most important layer in the green roof viennetta

Dr Mario Balzan Institute of Applied Sciences, MCAST Malta | Green infrastructure and ecosystem services monitoring in Malta

Grouping 6

John Little Grass Roof Company Ltd, Green Roof Shelters Ltd | Managing urban green space for nature and people at Clapton Park Estate

Ellen Dams PCS Horticulture Research Centre | Researching green walls in Belgium

Domenico D'Alessandro D'Alessandro & Associates | Delivering visions of urban green infrastructure through design

Dr Caroline Nash SRI, University of East London | Here East green roof designed for biodiversity – research on delivered projects in London

Grouping 7

Paulo Palha Neoturf and ANCV Portuguese Green Roof Association | Developing new products for green roofs

Gary Grant Green Infrastructure Consultancy | Delivering biodiversity on the David Attenborough Building (Cambridge Conservation Initiative)

Mark Nieuwenhuijsen Director of Urban Planning, Environment and Health Initiative, IS Global | Links between urban green infrastructure and health

Vera Enzi GrünStattGrau and EFB | Quo vadis green walls? Delivering smart green walls in Austria

DAY 2 THURSDAY 11 APRIL

Grouping 8

David Mooney Development Director of the London Wildlife Trust | Delivering biodiversity on major developments in London

Richard Scott Director of the National Wildflower Centre | More colours than green – Landlife's work on seeds, wildflowers and meadows in the UK

Dr Maurizio Crasso Harpo and President of AIVEP the Italian Green Roof Association | Italian Green roof norms – relevant across Southern Europe and with climate change lessons to be learnt for the North

Clare Olver Programmes Manager, The Mersey Forest | Physical activity in green spaces as nature-based solutions to improve mental and physical health

Grouping 9

Raúl Sánchez and **Nuria Garcia**, Cartif Foundation, Spain | Methodologies to measure wellbeing via nature-based solutions and re-naturing experiences – the sensorial trip toward well-being through nature-based solutions

Nora Danko Urban Greening Initiatives Coordinator, City of Antwerp | Building Green—taking forward Antwerp's City Lab Programme

Prof Dr Julián Briz Founder PRONATUR, Director WGIN and EFB, and **Prof Isabel de Felipe** itdUPM and Director PRONATUR | Urban food growing in cities in Spain

12.00pm Loughborough Foyer | Session 12 | Feedback Foyer

12.30pm | Lunch and EUGIC 2019 London Exhibition

1.30pm The Plexal | Session 13 | The Real Estate Debate: Green Infrastructure Means Business

This session explores some of the opportunities and challenges of adopting a green infrastructure approach for real estate developers, investors and managers. What are the pushes and pulls—client demand, policy and regulatory frameworks, society awareness and media coverage. What changes, policies, strategies and partnerships might be needed to help real estate deliver a greener urban fabric?

Chair

Prof Andrew Edkins Director of The Bartlett Real Estate Institute, UCL

Speakers

Louise Clarke Group Sustainability Lead, Head of Sustainable Places, Berkeley Group

Chris Langdon UK Development and Investment Director, ENGIE

Yolande Barnes Chair of The Bartlett Real Estate Institute, UCL

Matthew Halsall Public Realm, London Legacy Delivery Corporation

2.30pm | Break and EUGIC 2019 London Exhibition

3.00pm | Session 14 | Valuing green infrastructure – understanding the benefits of nature

14A | Water Sensitive Cities (1)

Chair **Gary Grant** Director, The Green Infrastructure Consultancy

Speakers Richard Ashley Emeritus Professor of Urban Water, University of Sheffield, Director

of EcoFutures Ltd

Wendy Allen Director, Wendy Allen Designs

Sean Robinson Polypipe Civils

Owen Davies Flood Risk Manager, Royal Borough of Greenwich

14B | Water Sensitive Cities (2)

Chair Paul Shaffer CIRIA Associate, Susdrain Programme **Speakers**

lan Titherington Drainage Lead, Cardiff City Council

Jo Deketelaere Founder of Greenbeat AS, Norway

Vera Enzi of GrünStattGrau and EFB Charlotte Markey GreenBlue Urban

14C | Financing nature-based solutions

What is the value of natural capital and where is the money coming from to pay for it? The challenges, the successes and new finance mechanisms for green infrastructure projects and nature-based solutions. What will green infrastructure financing look like in ten years and what is needed to get there?

Chair **Agamemnon Otero MBE** Founder of Energy Garden and Repowering London

Speakers McKenna Davis Ecologic Institute Berlin

Jonny Sadler Manchester Climate Change Agency

Dr Laura Tozer Durham University

Hendrik Jan Teekens Enschede Municipality and Netherlands Green Deal

Mark Atherton Director of Environment, Greater Manchester Combined Authority

14D | Tools for assessing and monitoring green infrastructure

What tools and approaches are being used to monitor and assess green infrastructure delivery and its effectiveness for city climate adaptation? What are the challenges, successes and lessons learned and how are results used to refine the model? What tools are needed in different situations and what do we need to integrate monitoring and assessment of nature-based solutions into city management, research and industry training?

Chair **Dusty Gedge** Livingroofs.org

Speakers Pierre Darmet Director, BiodiverCity | Our strategy linking resilience to climate

change and nature-based solutions. And our tools, from buildings to districts: the

BiodiverCity labels

Gemma Jerome Manager, Building With Nature Benchmark Programme | Delivering

nature-rich development

Bernhard Scharf Director, GREENPASS

Karishma Gulrajani Vivid Econoomics | Greenkeeper: An interactive tool to

measure the value of urban greenspaces

DAY 2 THURSDAY 11 APRIL

4.00pm The Plexal | Session 15 | Communicating Urban Green Infrastructure: Putting nature at the heart of the cities and climate conversation

A new panel discussion for 2019—communicators involved changing the public's perception and understanding of working with nature for cities and climate change. What makes a good conversation? How do we use language effectively? What understanding and approaches do we need, to tell the city stories and help urban nature take root?

Chair Jim McClelland Founder of Sustmeme Magazine

Speakers Hattie Hartman, architect, author and Sustainability Editor, Architect's Journal

Brendan Montague Editor of The Ecologist

Arit Anderson award-winning garden designer and BBC2 Gardenrs' World presenter

Elisabeth Schmid Director of the iCube Programme, Fondazione ICONS **Daniel Raven-Ellison** Founder of London National Park City Campaign

4.45pm The Plexal | Session 16 | The London Call to Action

The conversation is passed around the audience—how will EUGIC 2019 participants communicate the need for nature-based solutions and green infrastructure in cities? How will you be taking action in your worlds?

5.30pm | End of Day 2 EUGIC 2019 London

DAY 3 FRIDAY 12 APRIL

EUGIC 2019 London Green Infrastructure Tour

10.00am - 4.00pm Friday 12 April 2019

Tour led by Gary Grant Director of The Green Infrastructure Consultancy

9.50am Meet outside Here East Press Centre

10.00am Visit to Here East biodiverse, biosolar roof designed by Dusty

Gedge for London 2012 Olympic Media Centre

11.00am Visit various green infrastructure locations in the Queen

Elizabeth Olympic Park including the Wetlands Walk

12.00pm Travel to Canary Wharf and visit Canary Wharf Jubilee Line

station intensive green roof

Travel to Royal Borough of Greenwich

2.00pm Visit to Kidbrooke Village & Sutcliffe Park

4.00pm End of tour

Here East and Queen Elizabeth Olympic Park

The Queen Elizabeth Olympic Park (QEOP) was created from derelict post-industrial land as the setting for the 2012 London Olympic and Paralympic Games. As well as providing a show-ground and convenient location for the various venues, it was always the intention to create a permanent new regional park for the large-scale redevelopment in this area of east London.

The creation of the QEOP provided an opportunity to decontaminate the soils and restore more natural river banks to the River Lea. Large numbers of trees were planted, along with wetland features, swales and new pedestrian and cycling routes. A condition of the planning permission granted for the Games and Legacy, was a Biodiversity Action Plan (BAP), which set targets for the creation of wildlife habitat in all development within and around the Park. One effect of the BAP was that biodiverse extensive green roofs were, and continue to be, created so that the target for creating habitat to mitigate for the loss of brownfield habitat can be met.

Kidbrooke Village & Sutcliffe Park

Sutcliffe Park was originally a conventional landscape of amenity grassland with the River Quaggy running beneath the park in a concrete culvert. In the early 2000s, the park was remodelled, restoring the river as meandering stream through the central area of the park. The land was also graded to allow the river to flood across the park in times of heavy rainfall. The park is now a haven for wildlife and significantly helps store flood water, thus helping to protect properties downstream, especially in Lewisham which suffered from serious flooding in the 20th Century.

Kidbrooke Village is a new development by Berkeley Homes that is in the process of being completed. The original Ferrier Estate was demolished and the new buildings have a range of green roofs: green roofs designed for biodiversity and intensive green roofs designed as parks for residents. The ground level landscape has been improved to encourage biodiversity and a series of water features helps with stormwater management.







Bridgman & Bridgman Living Roof Services are a team of award-winning horticulturalists and green roof specialists working with the roofing and waterproofing industry. We deliver the green elements on flat, pitched and curved roofs. We have installed living roofs from 2m² to 16,000m², laid the largest turf roof in Europe, and constructed the first fully removable green roof in the UK.

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EUGIC 2019 LONDON

SPEAKERS



Agamemnon Otero MBEFounder, Energy Garden and
Repowering Ltd

Agamemnon is experienced providing financial and governance solutions for the energy sector including project development, management and operations. A founding director of many initiatives such as Community Energy England, Brixton Energy, Banister House and Vauxhall Energy. Currently project managing London's largest community-owned solar and green project, Energy Garden. Previously Director for Renewable Energy Project Finance & Social Responsibility at a financial institution and CFO for a renewable energy trading company. Speaker on sustainable low carbon economies, with a Master's degree in Architecture and a Baccalaureate in Pre-Medicine, Literature and Fine Arts.

Agamemnon has always pursued diverse projects prioritising and promoting community wellbeing, for social, environmental and economic returns. Repowering Ltd is delivering energy resilience to London communities. Awards from KPMG, Sustainable Housing, Ashden and the Renewable Energy Association, but most importantly by the people who live on these estates, who with us are creating local energy in its two forms: renewable power and people power.

www.energygarden.org.uk www.repowering.org.uk



Alexander BondFounder, Biophilic Designs Ltd

With over five years' experience working with and supplying specialist products to international architectural firms and multinational corporations, Alexander specialises in advising on the benefits of applying principles of biophilic design to the built environment. Fast becoming the go-to professional in the UK for supplying hydroponic green walls, green roofs, plant lights and eco furniture.

Alexander has an insatiable passion for the re-introduction of plants and green spaces into urban environments 'as the benefits are just too great to ignore'. Alexander regularly holds talks and workshops for architectural and design professionals to raise awareness of the benefits biophilic design can bring to our urban spaces.

Alexander is currently working with a major land owner in Central London on a pioneering green roof initiative which has drawn support from the GLA and other key stakeholders.

Looking to the future, Alexander has keenly been following the development of urban farming and how this can tie into his knowledge of hydroponic systems. As a result he has in development an aquaponic urban farming system and is looking to launch at the end of 2019.

www.biophilicdesigns.co.uk



Prof Andrew Edkins

Head of Department, Bartlett Real Estate Institute, Faculty of the Built Environment, UCL

Andrew has a background in real estate, from complex commercial refurbishments to being part of the team who built Chelsea & Westminster Hospital, the first 'fast-track' major teaching hospital project.

Andrew's first research project led to the book The Constructors' Key Guide to PFI. The success of this led to an additional funded research project that generated a second book The Role of Cost Saving and Innovation in PFI Projects. In 2008/9, this interest in PFI procurement (and then PPPs) led to an extremely successful Knowledge Transfer Partnership project with KPMG.

Andrew's other research interest is projects and their management. Most recently, he was part of a team collaborating on a project commissioned by Infrastructure UK (part of HM Treasury) looking at potential interdependencies arising from proposed significant infrastructure projects in the UK.

www.ucl.ac.uk/bartlett/construction/people/prof-andrew-edkins



Arit AndersonDiamond Hill Designs, BBC2
Gardeners' World presenter

Arit is a garden designer, writer and presenter on BBC2's Gardeners' World. She spent 25 years working in the dynamic industries of fashion and creative events. She managed teams delivering collections and events across the globe, balancing this with interests in well-being, as a therapist and teaching holistic therapies, here and extensively in the USA.

The joy of having a garden enabled Arit to diversify her creative work, finding the visual nature of fashion and healing therapies could meld beautifully in the garden. Playing with a new palette of colour and materials drove her to explore relationships between plants, people and place.

Studying gardening at Capel Manor College, Arit won RHS Chelsea 2013's Fresh Talent category for a design with two other students. Having attained her diploma, she then won a Gold Medal at RHS Hampton Court in 2016 in the conceptual category.

Being a Gardeners' World presenter and writing for national publications has enabled Arit to publicise and communicate issues about the future of gardening in an ever-changing climate and promote solutions to the wider public.

www.aritanderson.com www.diamond-hill.co.uk



Audrey Muratet Ecologist, Regional Agency for Biodiversity, Île-de-France

With a PhD in ecology from the Pierre and Marie Curie University, Paris, Audrey has been studying and exploring for more than fifteen years the diversity, composition and dynamics of urban biodiversity. Her main interests cover the study of invasive species, the role of urban wastelands, green roofs, the impact of pesticides on biodiversity, and the evaluation of landscape connectivity in human populated areas, especially the region of Paris.

Her research also stresses the importance of human perception in urban ecology and conservation, claiming for more collaboration between ecologists and social scientists. Finally, she is very much involved in designing and promoting citizen science programs.

She conducted her research at the Centre for Ecology and Conservation Sciences, National Museum of Natural History. She then developed applications of her work within the Department of Seine-Saint-Denis and now the Regional Agency of Biodiversity in Île-de-France (ARB îdF).

www.iau-idf.fr



Bernhard ScharfGREENPASS, Green4Cities and BOKU, Austria

Born 1974 in Salzburg, Bernhard Scharf studied Landscape Architecture at the University of Natural Resources and Life Sciences Vienna (BOKU). His masters thesis focused on an innovative green infrastructure, so called flowering turf, a drought and load-resistant, biodiverse alternative to grass lawns. From 2006 he has been co-developing green infrastructure such as green roofs, living walls and raingardens, investigating their effect on urban energy and water balance.

The ambition to move urban design towards more climate resilience and biodiversity, he co-founded Green4Cities as a BOKU spin-off. As CTO of the company, he co-developed the innovative GREENPASS technology that allows the tailored application of green infrastructure, assessing effects and cost, for any given urban planning process. The impact of this disruptive technology and the market demand led to forming GREENPASS as a company in 2018, to provide the technology to developers, planners and municipalities worldwide.

Bernhard Scharf is working on his PhD, 'Plants in towns', is senior scientist at BOKU, CTO of both companies and a respected speaker and lecturer.

www.livablecities.io



Prof Bob SheilDirector of The Bartlett School of Architecture, UCL

Bob Sheil is an Architect, Director of The Bartlett School of Architecture, Professor in Architecture and Design through Production, and the School's Director of Technology. He is a founding partner of sixteen*(makers), who in collaboration with Stahlbogen GmbH '55/02' won a RIBA award for design, with over a decade of experimental projects internationally published and exhibited.

Bob is an educator, critic, researcher, collaborator and practitioner, and an experimental designer fascinated by transgression between making, craft, and technology, in architectural design practice.

Bob helped accelerate the School's investment in digital technologies, including the Digital Manufacturing Centre now the Bartlett Manufacturing and Design Exchange (B-MADE), the School's workshop and laboratory resources.

Bob has authored multiple publications on design, making and technology, co-designing and building significant artefacts/built works, with international exhibition and acclaim. In 2011, he co-chaired the acclaimed international conference 'FABRICATE' with Ruairi Glynn, now recognised as an internationally established conference brand.

www.ucl.ac.uk/bartlett/architecture



Brendan MontagueEditor of The Ecologist

Brendan Montague is editor of The Ecologist and founder of the Request Initiative.

He is also co-author of Impact of Market Forces on Addictive Substances and Behaviours: The web of influence of addictive industries published by the Oxford University Press.

www.theecologist.org



Dr Caroline Nash Sustainability Research Institute, UEL and H2020 Connecting Nature

Caroline works as a Research Assistant within the SRI specialising in biodiversity and urban green infrastructure (UGI) design.

Her PhD research investigated state of the art measures to maximise the biodiversity value of UGI, with a particular focus on brownfield biomimicry.

Caroline has extensive experience in ecological consultancy, she specialises in bat and bird surveys and holds Natural England Class 2 survey and research bat licence.

Caroline is also a member of the H2020 Connecting Nature team.

www.connectingnature.eu www.uel.ac.uk/sri





Catherine Fallon is a chartered landscape architect who has worked at Manchester City Council since 2005.

Charlotte has designed and project managed the construction of a range of landscape projects across the city, including parks, school playgrounds, and highways.

In 2017, she joined the policy department as part of the project management team of GrowGreen, the Horizon 2020 EU-funded environmental research project. She has a degree in Landscape Design from the University of Manchester.

www.growgreenproject.eu www.manchester.gov.uk



Charlotte Markey
GreenBlue Urban

Charlotte has a background in urban planning and is passionate about sustainable urban drainage innovations to maximise the cobenefits of implementing green and blue infrastructure schemes in the hard landscape. She works across the public and private sector divide, to engage stakeholders and communities.

Charlotte provides specialist CPD training for Local Authorities and supports a number of organisations such as TDAG and Manchester City of Trees. She also sits on the Green Infrastructure Sounding Board, hosted by the TCPA.

Charlotte works on EU-funded Interreg projects including Water Resilient Cities:

www.interreg2seas.eu/en/wrc

In her spare time, theatre, opera and dog walks with her golden retriever Hektor are top of the agenda.

www.greenblue.com



Chris BridgmanManaging Director, Bridgman &
Bridgman LLP

Chris is Managing Director of Bridgman and Bridgman LLP.

With his extensive background in horticulture, Chris has been installing living roofs across the UK for over a decade. His team has installed a turf roof the size of three football pitches as well as the first removable green roof in the UK with 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.

Bridgman & Bridgman Living Roof Services are a team of award-winning horticulturalists and green roof specialists working with the roofing and waterproofing industry, delivering the green elements on flat, pitched and curved roofs. living roofs from 2m² to 16,000m².

Bridgman & Bridgman deliver new builds or retrofit and also offer supervision and training services.

www.gardensinthesky.co.uk



Chris LangdonUK Development and
Investment Director, ENGIE

Chris joined ENGIE group in early 2017 to grow the Developments and Investments team. His background in major mixed-use development and construction provides additional support to the capability of the business to deliver integrated energy, services and regeneration solutions designed to improve lives through better living and working environments. Chris' focus is on ensuring a practical approach is taken to delivering long term and sustainable outcomes.

Prior to joining ENGIE, Chris was
Development Director at Byrne
Estates and the Ardmore Group where
he was responsible for the group's
development projects and property
assets as well as leading
preconstruction and business
development. Chris previously ran the
development and disposal property
division for Bexley Council and worked
at St George Plc, part of Berkeley
Homes.

Chris has experience in complex development, land and construction transactions involving multiple stakeholders and funding streams.

www.engie.co.uk



Clare Olver
Programmes Manager, 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



Daniel Raven EllisonFounder, London National Park
City Campaign

Daniel Raven-Ellison is a guerrilla geographer, National Geographic Explorer and founder of the London National Park City campaign.

A former geography teacher, Daniel uses exploration and storytelling to communicate complex ideas. He recently travelled the length of the country to make a 100 second film in which each second represents what 1% of the UK looks like from the air. Daniel's also walked across all of the UK's national parks and cities while wearing a mind-reading device. Daniel is also a children's author.

In 2015, Daniel started the campaign to transform London into the world's first National Park City. Having captured the imaginations of people across the capital the London National Park City will be launched in July 2019.

www.nationalparkcity.london





David has 10 years' experience and a strong reputation in the urban nature conservation sector. Listed in the Evening Standard as one of London's 1000 most influential people, David has expertise in developing strong partnerships across the public, private and charity sectors transforming London's open spaces for people and wildlife.

David recently led on the development and delivery of both Woodberry Wetlands and Walthamstow Wetlands, two of the largest wetlands programmes in London in the last 20 years. As Director of Development, David now leads London Wildlife Trust's consultancy work, fundraising and the development of the Trust's large-scale natural heritage and habitat restoration projects across London

David began his career as a science teacher in north London before moving to London Wildlife Trust to develop outdoor education and outreach programmes in East London.

www.wildlondon.org.uk



Domenico D'Alessandro D'Alessandro & Associates

Domenico D'Alessandro, of D'Alessandro & Associates, Chicago, IL, has a special interest in urban ecology and regenerative design for water quality management and habitat creation within the urban context, e.g. 'The Chicago River Fish Hotel' (2005), a landmark project for a downtown river corridor.

Domenico's innovative designs adapt built structures into functioning ecosystems. He also promotes understanding nature through art and incorporates interactive educational information with artistic elements he terms 'transparency of design'.

Domenico develops public environmental awareness using advertising strategies through illustrated journals based on nature observations. Degrees in Fine Arts (Firenze) and Landscape Architecture (MLA Guelph). He has exhibited paintings, sculpture, photography and installation work, published articles, essays, short stories and poetry, and was Toronto editor of Vice Versa, a Canadian multicultural magazine.

His work has garnered Chicago Wilderness and USEPA awards for his clients as well as the UK Integrated Habitats Design Competition 2012, and promotes a cross-sector approach to climate change adaptation.



Dusty Gedge

President of the EFB. Founder. Livingroofs.org, Director, Green Infrastructure Consultancy

Dusty Gedge is a green infrastructure consultant working in London, UK and Europe. He is the current President of the EFB European Federation of Green Roof Associations, founder of Livingroofs.org, co-founder of EUGIC, Director of the Green Infrastructure Consultancy, and is a working group member of the EU Green Infrastructure and Ecosystem Services Working Group.

Biodiversity and birds on green roofs drew him into this work over 20 years ago. Nature is at the heart of his work although he also deals with all the issues cities face and how vegetation can help city climate change adaptation.

Dusty Gedge is a recognised authority, designer, consultant and public speaker on green roofs and has worked on green infrastructure projects in the UK for the last 15 years. Some of these are recognised as seminal projects, especially in London. Dusty also advises on projects globally through his consultancy the Green Infrastructure Consultancy (GIC).

Dusty has been a TV presenter on a number of UK shows and makes green infrastructure, green roof and nature videos. He is also an avid nature photographer and social networker, posting on Twitter, Facebook and G+.

www.dustygedge.co.uk



Ece OzdemirogluUK Committee on Climate
Change, Founder of eftec

Ece Ozdemiroglu is an environmental economist, a Member of the UK Climate Change Committee and the founding director since 1992 of eftec – Economics For the Environment.

Ece specialises in interpreting economic value evidence for natural capital, ecosystem services, cultural heritage, charitable sector and value of information.

At eftec, she manages the team's work on economic valuation, economic appraisal, natural capital accounting, and has delivered over 500 projects since 1992.

Her other roles include:

- Economics Lead of the Valuing Nature Programme
- Convener of the British Standards Institute's Committee on Assessing and Valuing Natural Capital
- Member of the Natural Capital Initiative steering group

Associate Editor of the Journal for Environmental Economics and Policy

eftec.co.uk

www.theccc.org.uk



Edmund MaurerGreening Buildings Lead, City of Linz Planning Department

Edmund studied at Horticultural College as garden and landscape designer in Vienna Schönbrunn 1984-1988. He then worked for two private garden companies in Austria. In 1989, he joined Innsbruck's City Gardens Department until 1993. In 2000, he joined the Gardens Department at the City of Linz.

Since 2000, Edmund has been Linz's lead on green roofs and façade greening, making many green roof presentations at conferences across Europe.

Edmund also guides green roof tours in Linz and coordinates with the Department for Public Transport.

He lives in his own house with a big garden in the countryside, in the middle of Austria.

www.linz.at



Elisabeth SchmidDirector, iCube, Fondazione iCons

Elisabeth is Director of the iCube
Programme of Fondazione iCons which
aims to sustain the idea of 'Research
for Society' through public
communication and engagement of all
societal players. She has a Masters
Degree in linguistic communication
and multilingual mediation sciences
with a specialization in translation. She
has over ten years experience
developing and managing large-scale
non-profit communication projects and
campaigns, with specific expertise in
Smart Cities, Energy and Bioeconomy.

In 2009, she joined youris.com the European Research Media Center managing coordination and support actions on energy, bioeconomy, environment, health, mobility and future technologies.

In 2016, Elisabeth launched the iCube Programme to drive social impact from public-funded research, engaging different communities and measuring communication and engagement impacts. Elisabeth also works in the H2020 URBAN GreenUP project as communications lead and facilitator, designing citizen engagement and cocreation frameworks, to measure and analyse social acceptance.

www.icons.foundation www.icube.global www.urbangreenup.eu



Ellen Dams PCS Ornamental Plant Research Centre

Ellen Dams started as researcher at the ornamental plant research institute, PCS, located in Destelbergen, Belgium.

PCS Ornamental Plant Research is a private, non-profit research institute for ornamental horticulture, tree nursery and landscape & gardening. PCS focuses on bottom-up practical and applied scientific research, and is specialized in supporting and advising growers and green managers.

Ellen works in the landscape and gardening division, where she coordinates projects on urban green infrastructure, with a specific focus on the development of green wall systems.

Ellen works on the Flemish project 'Building Green: Green walls for sustainable buildings and cities'.

www.pcsierteelt.be



Eveline Bronsdijk Sustainability Advisor, City of Rotterdam

Eveline is an advisor at the Sustainability Department of Rotterdam, part of the Urban Development Department of the city.

In 2008, she started as an advisor on Rotterdam's green roofs programme and is currently one of the key advisors for the Multifunctional Roofscape Programme 2016. This is an integrated programme that includes issues like greening the city, managing and filtering surface water, the Urban Heat Island effect and social and community aspects.

In 2017, the programme received the C40 Award in the Cities4Tomorrow category, based on the high score it receives for the co-benefits provided to the city by the programme and resulting green infrastructure.

Besides this programme, Eveline is creating awareness around the issue of the Urban Heat Island effect to embed it within government policies, and since 2015 has also been coordinating international delegations for RAS: the Rotterdam Adaptation Strategy and the Rotterdam Resilience Strategy.

Recent article on Eveline and her work in Evonik Magazine



Gary Grant FCIEEM Director, The 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 The Bartlett Faculty of the Built Environment, 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.

greeninfrastructureconsultancy.com



Dr Gemma JeromeManager, Building With Nature
Benchmark Programme

Gemma Jerome is the Manager of Building with Nature, the UK's first benchmark for high quality green infrastructure. Gemma has been developing the benchmark with a team of industry and research specialists since 2015, and is very excited to be now leading on establishing Building with Nature as the go-to standards framework for the design, delivery and long-term management and maintenance of nature-rich development.

Gemma is a qualified environmental planner with a research and practice specialism in green infrastructure. Through her doctoral studies she has examined the role of community groups and the health and social outcomes of green infrastructure delivery at the residential and community scale.

www.buildingwithnature.org.uk



Hattie HartmanSustainability Editor at the Architects' Journal

Hattie is an American architect, planner and journalist, based in London since 1991, and sustainability editor at The Architects' Journal, a position she created after joining the journal's editorial team in 2006. She is responsible for the AJ's dedicated coverage of sustainable design in the built environment and maintains close relationships with leading practitioners in the UK and abroad. She lectures on mainstreaming green design and various technical aspects of sustainability, frequently assessing projects for their sustainability credentials.

Hattie is the author of London 2012: Sustainable Design (Wiley, 2012), editor of Atelier Ten's Invisible Architecture (Laurence King, 2015) and co-author of forthcoming Energy, People, Buildings for RIBA Publishing. Hattie also guest edited AD Brazil: Restructuring the Urban (April 2016) prior to the Olympic Games in Rio.

Hattie frequently chairs specialist sustainable design seminars, for organisations such as Foster + Partners, Landscape Institute and the Alliance for Sustainable Building Products. Hattie is also LafargeHolcim Awards Ambassador, supporting the LafargeHolcim Awards for Sustainable Construction in the UK.

www.architectsjournal.co.uk



Helen TaylorFounding Director, Hosta
Consulting

Founded in 2012 by Helen Taylor, Hosta Consulting is an award winning landscape architecture practice based in Nottingham. The company applies an innovative and technical approach to create green spaces that maximise opportunities for people, biodiversity and the environment.

Working across education, social housing, property development in both corporate and public sectors, the team manages projects from concept design through to installation and throughout the stakeholder engagement process. The company has a varied design portfolio that includes: green roofs, podium gardens, green walls, pocket parks and interior greening. Careful project management ensures projects are delivered to a high standard for clients both efficiently and within budget.

The company has a strong environmental and social ethos and endeavours to integrate sustainability within all its operations.

www.hostaconsulting.co.uk



Hendrik Jan TeekensGreen Roof Green Deal,
Enschede, The Netherlands

Hendrik Jan Teekens is a Dutch water designer with a background in nature, landscape design and technology. He works on river restoration projects and natural designs for the Dutch Water Board and has been working for nine years for the municipality of Enschede.

Together with city builders, traffic engineers and green designers, he is making the city greener and climate proof. Enschede is a city of 160,000 near the German border. The city is 40 metres above sea level which is unusual for Holland, but similar to a lot of European cities. Because of the height difference and a lot of paving, the city is quite vulnerable to heavy rainfall. Because of its industrial textiles past, the city has serious groundwater problems.

The city is investing considerably in more sustainable water approaches. Hendrik Jan is combining this finance with the city's green needs.

Hendrik Jan is an active member of 'Dutch Green Deal Green Roofs', a nationwide organisation to stimulate green roofs in Holland, designing a new water tax with differentiation for climate actions for citizens for the municipalities in Holland.

Learn more on facts and values of the Netherland Green Deal Green Roofs here Green Deal Green Roofs .



lain Rennick Head of Structural Funds, Green Infrastructure Scotland

I have worked for SNH since it was formed in 1992, and prior to that for one of our predecessor bodies, the Countryside Commission for Scotland. The posts I've been in over that lengthy period (time flies!) have covered most aspects of our remit.

Latterly, I was an Area Manager for 11 years, responsible for our operational delivery across east Central Scotland. A strand running through my career has been an interest in improving the environment of urban communities, with my involvement spanning from the Countryside Around Towns project in the 1980's through to the Central Scotland Green Network initiative today.

I'm very pleased, therefore, to be part of a project that has the resources to make a real difference on the ground in some of our most disadvantaged communities, with all the environmental, social, economic and health benefits that can bring.

www.greeninfrastructurescotland.sco t/content/iain-rennick-head-structural -funds



lain TitheringtonDrainage Lead Officer, Cardiff
City Council

Ian Titherington is a Local
Government Civil Engineer who has
specialised in the design and
maintenance of drainage systems for
30 years. He was the instigator of the
Greener Grangetown project, a
pioneering scheme that has
successfully retro-fitted sustainable
drainage in an inner city community of
Cardiff.

He is currently one of the lead Officers in the Welsh Capital for delivering statutory SuDS legislation in Wales, the first of its kind in the UK.

www.cardiff.gov.uk



Prof Isabel de Felipe
Director of PRONATUR and
Board of itdUPM Technical
University of Madrid

Isabel was previously Associate Professor at the Technical University of Madrid and is currently a member of the Board of Directors of the itdUPM. She also sits on the Board of Directors of PRONATUR. As an active member of WGIN and EFB, Isabel has participated in the international congress since 2009 and edited several books in English and Spanish such as 'Naturación Urbana' (1999), 'Green Cities in the World' (2014, 2015), 'Agricultura Urbana Integral' (2015), 'Vertical Urban Agriculture' (2018) and 'Multifunctional Green Urban Infrastructures' (2019 in print).

She has directed a great number of cooperation projects in America, Asia and Africa, and as a researcher she has participated in national and international projects on urban green infrastructure and has been involved in regular courses on urban agriculture and more recently (2018) in a Massive Online Open Course (MOOC) on 'Green Cities'. Also she has been director of PhD and Masters Theses on the topic of urban agriculture.

www.itd.upm.es www.pronatur.com.pe



Ivan MustakovFounder, Landsaacpe Design
Studio, Bulgaria

Ivan Mustakov is a Bulgarian landscape architect, founder of Landscape Design Studio, specializing in urban landscape design and construction management. Ivan works to promote blue-green infrastructure and nature-based solutions in Bulgaria. Inspired by his four year old son, Ivan developed a concept for transformable, mobile green spaces, BOXSCAPE, one of three EUGIC 2017 Budapest Award winners.

Ivan has a Masters of Landscape
Architecture at the University of
Forestry, Sofia, becoming Honorary
Professor at the University of Forestry
in Landscape Construction and
Maintenance 2005-6, also Chair of the
Department of Landscape Architects
at the Bulgaria-Sofia Chamber of
Architects 2013-16 and is currently a
board member of the Council of the
Chamber of Architects.

Ivan and his team are focused on developing sustainable concepts to bring positive impact to people and the environment, with a holistic approach for the synthesis of architecture and landscape. This integrated vision has brought a number of awards from national and international competitions, publications and participation at professional events and forums.

www.landscapedesignstudio.bgs www.boxscape.eu



James Hewetson-Brown Founder, Wildflower Turf Ltd

James founded Wildflower Turf in 2003. With 20 years expertise in the lawn turf market, he wanted to find a solution to problems faced growing wild flowers from seed. He went on to create the UK's first soil-less growing system for wildflowers and grasses to meet the demand for superior quality, ready-made wildflower meadows without the establishment problems of traditional seeding methods. With a life in the countryside, agricultural training and many years' experience running a family farm business and soil-less turf operation, James has a practical approach to his wild flower thinking. From gardens to parks, he has helped develop over 1,000,000m2 of wild flower spaces, giving him a unique insight into the realistic requirements for successful results.

Wildflower Turf Ltd continuously invests in R&D, testing new products and services. They launched a revolutionary wildflower product in 2019 called Wildflower Earth, have a comprehensive accreditation programme for expert installers in wildflower landscapes and train designers and specifiers in exemplary wildflower environments. They famously provided 80,000m² of wildflower turf to the 2012 Olympics and subsequent transformation works at the Queen Elizabeth Olympic Park.

www.wildflowerturf.co.uk



Jim McClellandFounder and Director of
Sustmeme, EUGIC Chair

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.

www.sustmeme.com



Jo Deketelaere Founder, Greenbeat AS, Norway

Jo Deketelaere started his career in international business development for large utilities focussing on climate mitigation, environmental policies and investment in low carbon emitting technologies. Believing strongly that green infrastructure is an important climate adaptation tool and that we need to bring nature back to create cities where people enjoy living, Jo started his own company Greenbeat to develop a smart blue-green roof.

A first project funded by H2020 OrganiCity showed that green roofs have a hard time in periods of extended droughts as observed in spring and summer 2018 and served as a start for automated watering of green roofs. Jo joined forces with two other companies: Sumaqua, a spin-out of Leuven University Belgium, who tested smart green roofs in Antwerp, and Agilis, a Norwegian ICT company. The consortium is currently developing 'RainBrain, the smart blue-green roof', and has received funding from H2020 SynchroniCity.

RainBrain combines sensors and weather data with predictive models to detect the watering needs of vegetation, automates watering by reusing grey water, and empties water reservoirs proactively when heavy rainfall is predicted, to create more storage capacity.

www.rainbrain.be



John Little

Director, Grass Roof Company, Green Roof Shelters and Green Roof Training

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 more than 15 years, recently being awarded TPAS Contractor of the Year 2019.

Based on this work, he has produced a useful, sustainable grounds maintenance contract template that allows contractors to put people first.

He has also launched a range of small green roof shelters based on second-hand shipping containers and designed portable structures, most recently installed at IKEA Greenwich and across the UK.

www.greenroofshelters.co.uk www.grassroofcompany.co.uk



Jonny Sadler
Programme Director,
Manchester Climate Change
Agency

Jonny is Programme Director at the Manchester Climate Change Agency. The Agency is responsible for coordinating the development and implementation of Manchester's climate change strategy for 2018-38, to help ensure the city meets its targets to become a zero carbon city by 2038 and stays within its science-based carbon budget of 15m tonnes CO2 for 2018-2100.

Jonny is responsible for the operation of the Agency and leads on the development of citywide climate change policy, programmes, partnerships, communications, and funding. Working with local and international partners, the Agency works to engage Manchester's 550,000 residents and 18,000 businesses, to enable them to collectively define the city's future and play a part in making it happen.

Jonny was previously Head of Environmental Strategy at Manchester City Council.

www.manchesterclimate.com



Prof Dr Julián BrizFounder of PRONATUR, Director at WGIN and EFB, Technical University of Madrid

Julián has been researching and lecturing for more than three decades at the Technical University of Madrid, with special attention to market research and socioeconomic affairs, governance of local policies, publishing articles, books and directing PhD theses and research projects. Julian is President and Founder of PRONATUR, the Spanish Society for Green Cities. As a person passionate about urban farming, years ago he founded the Observatory of Urban Agriculture in Spain, with regular meetings to discuss the main problems and potential solutions of urban farming, in the Foro Agrario framework.

An active member of the Board of Directors of WGIN and EFB. Julián has participated in the international congress since 2009 and edited several books in English and Spanish. As a researcher, he has participated in national and international projects on urban green infrastructure, has been involved in regular courses on urban agriculture and more recently (2018) in a Massive Online Open Course (MOOC) on 'Green Cities' organized by itdUPM. He is currently involved in the development of a Living Lab on Urban Farming and Green Infrastructure with basic research in quality urban environment and climate change.

www.itd.upm.es www.pronatur.com.pe www.worldgreenroof.org



Karishma Gulrajani Economist, Vivid Economics

Karishma is an economist at Vivid Economics interested in the intersection of big data, policy and sustainable development. Having worked in the data driven field of competition economics for a number of years, she now focuses on applying microeconomic analysis to issues of urban planning and energy access.

She is part of a team working on Greenkeeper, an innovative tool which measures the value of urban greenspaces in order to inform policy decisions and private investment. Her role on the project focuses on leveraging mobile phone location data to deliver new insights into the use and benefits of greenspaces.

She holds an MSc in Economics from the University of Warwick.

www.vivideconomics.com



Laura GattiVertical Forests Designer,
Studio Laura Gatti

Laura Gatti is an agronomist, landscape consultant and landscape designer and co-designer of the multiaward-winning 'Bosco Verticale' by architect Stefano Boeri, as well as Vertical Forest Nanjing, La Forêt Blanche Paris, Trudo Vertical Forest Eindhoven and more.

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.

Laura is also the Founder and first President of the Italian Society of Arboriculture, and Adjunct Professor at the Department of Agricultural and Environmental Sciences, University of Milan since 2005. She was awarded Professional of the Year 2008 and the Fabio Rizzi Medal by Flormart-Miflor, the most important Italian exhibition.

www.lauragatti.it



Dr Laura TozerDurham University and H2020
Naturvation

Laura is a Postdoctoral Research Associate Deptartment of Geography Durham University, researching ways to catalyse sustainable urban transformations for climate change, focusing on policies and politics of urban climate change and sustainability action, particularly interested in understanding how political levers can help accelerate renewable energy and building energy efficiency. She is part of the H2020 NATURVATION project, nature-based solutions for sustainable cities. NATURVATION is assessing what NBS can achieve in cities, how innovation is taking place, working with communities and stakeholders to develop knowledge and tools to realise the potential of NBS to meet urban sustainability goals.

Laura's PhD evaluated whether low carbon initiatives for urban buildings do lead to systemic decarbonisation in Stockholm, London, San Francisco and other cities transitioning to carbon neutrality ,leading to a SSHRC Joseph Armand Bombardier Scholarship and publication in book chapters and journal articles. Previously, Laura was Director of Operations Community Energy Partnerships Program, a \$10 million CAD grant program funding community groups and cooperatives developing renewable energy projects in Ontario, Canada.

www.naturvation.eu



Dr Leila TolderlundLandscape Architect &
Associate Chair, University of
Colorado

Leila thrives when observing the interaction between people and green infrastructure in cities. She is Assistant Professor and Associate Chair in the Landscape Architecture Department at University of Colorado, Denver, USA, as well as practicing in her own firm. She has a focus on public health related to urban living systems design, planning and theory, and enjoys 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 studies abroad,
primarily to Scandinavia with her
Danish background. She has been with
UCD since 2006 and speaks at national
and international green infrastructure
conferences and events.

www.ucdenver.edu/academics/ colleges/ArchitecturePlanning/ facultystaff/directories/Pages/ Individual%20Pages_LA/ Tolderlund Leila.aspx



Louise ClarkeHead of Sustainable Places,
Berkeley Group

Louise is Head of Sustainable Places at the Berkeley Group and is responsible for setting and implementing the group's strategy to create sustainable places.

This includes leading and focusing on their commitments to climate change including net gain, overheating, net zero carbon homes and social value.

Louise has specialised in sustainability throughout her career and has a keen interest in placemaking which stemmed from her masters in Urban Design.

Louise sits on the Green Construction Board and is a CIC Board member.

www.berkeleygroup.co.uk/about-us/sustainability



Mario Balzan Institute of Applied Sciences, MCAST, Malta

Mario is Senior Lecturer at the Malta College of Arts, Science and Technology (MCAST), an ecologist and environmental scientist with several years experience in environmental management and sustainability.

Mario's research interests focus on natural resource management and applied ecology, more specifically spatio-temporal modelling of biodiversity and ecosystem services, environmental management for provision of ecosystem services, and identification and implementation of nature-based solutions to societal challenges. His PhD explored habitat management to provide ecosystem services in rural areas. He has led the assessment and mapping of green infrastructure and ecosystem services in cultural landscapes in collaborations with policy-making and urban planning stakeholders.

Mario is coordinator of H2020 Project ReNature—promoting research excellence in nature-based solutions for innovation, sustainable economic growth and human well-being in Malta. ReNature aims to implement a nature-based solutions strategy to promote research and innovation and develop solutions for economic growth, improve human well-being and tackle environmental challenges.

www.renature-project.eu



Mark Atherton
Director of Environment, Greater
Manchester Combined Authority

Mark joined the Association of Greater Manchester Authorities in 2012 as Director of Environment for Greater Manchester transferring to GMCA in 2017, providing strategic support to Greater Manchester Low Carbon Hub leading development and delivery of strategies, policies, research and demonstration projects on environment and low carbon work areas. Current work includes a smart energy demonstration project on aggregation of heat with Air Source Heat Pumps, domestic energy efficiency, community energy promotion, natural capital investment planning, climate change adaptation research and developing work programmes between GM and government departments, including the Urban Pioneer for the UK's 25 Year Environment Plan.

Mark joined the Northwest Regional Development Agency in 2002, ending as Director of Energy and Environment, managing an annual ~£30M project investment portfolio, providing innovative strategic leadership to energy and environmental technologies sector development, carbon reduction, sustainable consumption and production and environment quality.

Greater Manchester Combined Authority (GMCA)



Mark Nieuewenhuijsen Director, Urban Planning, Environment and Health, Global Institute for Public Health

Mark Nieuwenhuijsen PhD is Director of the Urban Planning, Environment and Health Initiative at ISGLOBAL, Barcelona.

Mark is a world leading expert in environmental exposure assessment, epidemiology, and health impact assessment with a strong focus and interest on healthy urban living. He led the EC funded PHENOTYPE www.phenotype.eu study, examining the relations between green space and health, and he is/was a co-investigator EC funded HELIX http:// www.projecthelix.eu/ that examines the early life exposome including green space and childhood diseases, and the EC funded BlueHealth project evaluating the relationship between blue space and health.

He has edited three books on Exposure Assessment and on Environmental Epidemiology, and one on integrating human health into urban and transport planning, and has coauthored 400 papers published in peer reviewed journals and 30 book chapters. In 2018, Mark was awarded the ISEE John Goldsmith Award for Outstanding Contributions to Environmental Epidemiology.

www.isglobal.org/en/-/marknieuwenhuijsen-urban-planningenvironment-and-health-initiative



Matthew Halsall

Public Realm Manager, London Legacy Development Corporation

Matthew is a Public Realm Design Manager at the London Legacy Development Corporation where he oversees short and long term changes to Queen Elizabeth Olympic Park and developments emerging around it. His background is in the private sector having previously worked at both Landscape Architectural and multidisciplinary design practices in London, U.S. and the Netherlands. Matt is currently managing projects to reconfigure road infrastructure toward sustainable modes of transport and advising on a number of design projects in vicinity of Queen Elizabeth Olympic Park as well as shaping policy and design guidance. He also runs his own practice Matthew Halsall Design Studio, with works ranging from community allotment gardens to woodland housing.

www.queenelizabetholympicpark.co.u k/our-story/the-legacy-corporation



Dr Maurizio Crasso

Harpo verdepensile, Board of AIVEP Italian Green Roof Association and the EFB

Dr Crasso is a geologist and green roof contractor. From 2003, he was the manager and developer of green roof systems for a Mediterranean climate, with the Italian company Harpo. Nowadays, Harpo verdepensile is the professional market leader in Italy.

Maurizio also sits on the board of AIVEP, the Italian green roof association, and is the Italian delegate at the EFB, European Federation of Green Roof and Wall Associations.

He is coauthor of several research papers and publications on green roofs. He was coordinator of the research group composed of Harpo and the Universities of Trieste and Genova, 'Defining behavior models of green roofs for buildings and environment', cofinanced by Harpo and the European Community.

He participated deeply on writing the Italian norm UNI 11235 on green roofs.

www.harpogroup.it/verdepensile/home



McKenna Davis
Ecologic Institute Berlin

McKenna Davis is a Fellow at Ecologic Institute Berlin, focusing on the assessment of green infrastructure, nature-based solutions, ecosystembased approaches to climate change adaptation and mitigation, and their surrounding governance frameworks. McKenna's expertise extends to European biodiversity and nature protection policies and the links to climate change adaptation.

McKenna is currently involved in Horizon 2020 projects NATURVATION (Nature-based Urban Innovation), leading an assessment of the legal, political and planning frameworks supporting deployment of NBS, and in the BiodivERsA ENABLE project, assessing citizen perceptions and preferences for socio-cultural ecosystem services. McKenna also leads Ecologic's work in H2020 CLEVER Cities, developing its analytical framework and producing a multifaceted guidance tool to help cities adopt and advance NBS to meet urban regeneration challenges.

Key aspects of McKenna's work also include the European Nature Directives and Natura 2000 Network, coordinating Ecologic's role in evidence -based improvements to the Birds and Habitats Directives implementation projects and Framework Contract to Monitor LIFE Projects.

Ecologic Institute Berlin



Michael White
Marketing & Development
Director, Polypipe

After graduating from Southampton University with a degree in Mechanical Engineering, Michael began his career in construction as a building services engineer developing specialist systems for applications across healthcare, manufacturing and leisure sectors. After completing post graduate studies in environmental and water management, he became to a dedicated consultant engineering role, focussed on network modelling and optimisation for water supply companies in the UK and overseas.

Developing a new approach to pressure monitoring and control, Michael became involved in marketing the system. His career moved towards commercial product development and especially communicating the features and benefits of new breakthroughs to target markets. This led to full-time marketing and media relations for a specialist agency for technology businesses in automotive, manufacturing and logistics.

In Polypipe Civils, Michael overseas the marketing and R&D departments., ensuring Polypipe maintains its market -focus by engaging in and developing new thought leadership programmes while driving product and service innovation across all its manufacturing and support operations.

www.polypipe.com/civils-and-infrastructure



Morgan Taylor Head of Ecology, Greengage Environmental

Morgan is Head of Ecology at Greengage, focusing on complex biodiversity projects, providing designled ecological solutions, and producing corporate strategies for a number of high-profile clients on biodiversity net gain, green infrastructure and ecological management.

Morgan provides industry CPD training on biodiversity, green infrastructure and planning, including RIBA training on GI. He has spoken at a number of conferences and industry events including University of Greenwich's International Biophilic Design Conference and the BCT's Landscape Scale Conservation Symposium, guest lecturing at a number of universities and contributing to international research workshops, his policy reviews and think-pieces published in a variety of industry journals and websites.

In 2018 Morgan won CIEEM Members Award and was a Finalist in CIRIA's BIG Biodiversity Champion Award. He was also a finalist for the UKGBC Rising Star Award 2016 for his work with urban biodiversity and GI. He has a first class Bachelors and Master's degree in Marine Biology, is a Chartered Environmentalist and full member of the Chartered Institute of Ecological and Environmental Management (CIEEM). Morgan has championed biodiversity on developments throughout the UK.

www.greengage-env.com



Nick White
Net Gain and Green
Infrastructure, Natural England

Nick leads Natural England's work developing and securing environmental 'net gain' outcomes from development (both biodiversity and natural capital). Nick works closely with developers, local authorities and across Government supporting the adoption and mainstreaming of net gain.

A graduate of the University's of Manchester (BA Hons) and Leeds (MA and PhD) Nick joined Natural England in 2008. Previously Nick worked as a manager in the National Health Service in Lancashire, was the Historical Advisor for the Imperial War Museum North, ran a charity in London and coordinated the London Biodiversity Partnership.

www.gov.uk/government/ organisations/natural-england



Nicola Murphy-EvansProject Manager CLEVER Cities at Greater London Authority

Nicola is the Greater London Authority's Project Manager for CLEVER Cities, Horizon 2020 funded project exploring how nature based solutions can address urban regeneration challenges.

Prior to this role, she was involved in developing a long-term strategy for Crystal Palace Sports Centre and was a Senior Environment Policy and Programme Officer for the Mayor's Office at London City Hall, including leading the £2 million 100 Pocket Parks initiative, providing financial and information support to London's local authorities and community sectors..

Nicola also coordinated the London team for a £10 million project on Nature Based Solutions.

clevercities.eu



Nora DankoUrban Greening Initiatives, City of Antwerp

In 2008. Nora started as Ecocity Projects coordinator at the EcoHuis, Antwerp's urban sustainability advice centre. Since 2012, her projects have moved toward urban greening and climate resilience. The EcoHuis now has a diverse menu for citizens looking to make their surroundings greener. Nora also advises schools and organisations on de-paving, greening roofs, facades and urban gardens. Nora is also engaged in many City change processes. She energetically holds workshops for street committees, brings together different City departments to optimise policies and remove barriers for green actions, initiates Urban Labs on future topics.

As a landscape architect with a background in sustainable development, she founded the core team of the Climate-resilient Sint-Andries project with Reinhilde Schmit, also a EUGIC 2019 speaker. Nora currently runs an Urban Lab on climate -resilient roofs with a wide range of stakeholders. Together with her small urban green advice team, Nora believes in the power of communication, sharing tips and inspiring stories on urban greening in Antwerp via plantwerpen.be and stadslab2050.be, installing demonstration roofs and hosting a practical exhibition on 'less grey, more green'.



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

www.urbangreenup.eu



Owen DaviesFlood Risk Manager, Royal
Borough of Greenwich

Owen is the Flood Risk Manager for the Royal Borough of Greenwich with responsibility of responding to and delivering the requirements of the FWMA, FRR and statutory consultee role. Successfully securing funding from various sources to deliver flood mitigation and alleviation projects ranging from Sustainable Drainage in the public highway through to Natural Flood Management. Owen has been involved in national and regional guidance from the SuDS Manual, B£ST and TfL SuDS guide.

With over 20 years local authority experience, across 5 London boroughs, working across Highways, Network management, Road Safety, Policy & Strategy, Asset Management, Development Control, Street Lighting PFI. Delivering award winning projects including Accessibility, Crime Reduction and Green Infrastructure alongside delivering regional guidance for London.

www.royalgreenwich.gov.uk



Paul ShafferAssociate and Manager of CIRIA's Susdrain Programme

Paul is an Associate at CIRIA, the UK Construction Industry Research & Information Association. He coordinates initiatives that promote the sustainable use and management of water with a focus on improving its integration in the built environment.

His work in this area includes the development of guidance, conferences and training designed to help overcome the challenges of implementing good practice. He has a passion for blue-green infrastructure and during his time at CIRIA has delivered initiatives on sustainable drainage, green roofs, local flood risk management, flood resilience and integrated water management.

www.ciria.org

www.susdrain.org



Paulo Palha Founder, Neoturf and President, ANCV Portuguese

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). 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.

www.neoturf.pt/pt www.landlab.pt www.greenroofs.pt



Peter Massini

Greater London Authority Green Infrastructure Principal Policy Officer

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 lead on the GLA's Green Infrastructure Strategy and is a leading contributor to framing Green Infrastructure within the new London Plan Environment Strategy.

Peter 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.

ww.london.gov.uk

Greater London Authority



Dr Phil AskewDirector of Landscapie and Placemaking, Peabody

Dr Phil Askew is Director of Landscape & Placemaking at Peabody leading on Thamesmead, London's New Town and one of London's largest regeneration and development projects. He has a background in Horticulture, Landscape Architecture and Urban Design and leading on major regeneration and green infrastructure projects.

Prior to his current role he led the design and delivery of the London 2012 Olympic Park at the Olympic Delivery Authority and its transformation into the Queen Elizabeth Olympic Park, the UKs largest new urban park in over a century.

With Peabody he is leading a process to ensure the unique landscape assets of Thamesmead are integrated into the regeneration process and create the greatest opportunities for the current and future population through landscape led green infrastructure.

www.peabody.org.uk



Dr Phoebe CarterChief Ecologist at Habitat First
Group

Turning ex-mineral sites into sustainable home developments that are species and habitat rich. Promoting the benefits of Biophilic living and making green infrastructure count. Managing nature conservation on the first two sites in the UK to be awarded 'Excellent' status under the Building with Nature accreditation.

Phoebe has worked in the UK and overseas (South Pacific and Mediterranean) and sat on the UK Overseas Territories Conservation Forum, Europe Territories Working Group.

Phoebe served as a Trustee of The Mammal Society and Chair of The Mammal Society's Surveys Committee from 2008 to 2012

www.lowermillestate.com www.silverlakedorset.com



Pierre DarmetIBPC/CIBI, Les Jardins de Gally and BiodiverCity

Pierre Darmet is Head of Marketing and Development at Les Jardins de Gally, a historic farm close to Paris, now the French leader in urban landscaping for companies, both indoor and outdoor. The company, which started in Versailles, is fully involved in the urban agriculture movement. It has also developed leadership in urban biodiversity.

Pierre was involved in the creation of the International Biodiversity and Property Council (IBPC, CIBI in French), which brings together stakeholders of living buildings and districts constructors, real estate professionals, ecologists, nature protection associations, architects, landscapers, gardeners, city councils and so on.

As General Secretary, Pierre helped develop BiodiverCity, a label now applied to one hundred projects. He drives the influence and communication of the association, with a strategy linking biodiversity to climate change: demonstrating ecosystem services of green infrastructure for resilience, such as water management and cooling the urban heat island.

The association supports public and private actors to campaign for a 'new green deal'.

www.cibi-biodivercity.com



Dr Rachel CruiseSchool of Architecture, Building and Civil Engineering,
Loughborough University

Dr Rachel Cruise is a Senior Lecturer in Structural and Architectural Design. She has a degree and diploma from the Bartlett School of Architecture, UCL and a PhD from the Department of Civil and Environmental Engineering, Imperial College London. She has worked in practice on projects such as housing for the Greenwich Millennium Village and the extension of Kings Cross main station.

She has been a Lecturer in Structural Design for three years in the Department of Civil Engineering and Architecture at the University of Bath and for six years in the School of Architecture at the University of Sheffield before joining Loughborough University in 2017.

www.lboro.ac.uk/departments/abce/ staff/rachel-cruise/



Raúl Sánchez Urban GreenUP, CARTIF Foundation

Raúl Sánchez has a Forest Engineering Degree, a Master's degree in Agroforestry Engineering and a Masters of Advanced Studies from the University of Valladolid. He also has a Masters degree in Total Quality Management, INEA and the Graduate School of the Pontificia de Comillas University ICADE. From 2005, he has been working in the Agrifood and Natural Processes Division in CARTIF Foundation, developing research lines related to sustainable agronomical processes. He also works developing smart green solutions in agronomic field (soils, fertilizers, waste use, etc.).

Head of Natural Resources in the Agrifood and Processes Division at CARTIF Foundation, and Coordinator of URBAN GreenUP project: H2020-SCC02-URBAN GREEN-UP: New methodology to develop re-naturing Urban Plans by nature based solutions. He researches soils impact, treatment of soils properties, smart soils and substrates, assessment of soils and vegetation change. He works to apply this expertise developing Nature Based Solutions for cities green roofs, smarts soils, urban farms, green corridors, improvement of the landscape connectivity, actions against erosion and green well-being areas—and re-naturing urban plans.

www.cartif.es www.urbangreenup.eu



Reinhilde SchmitUrban Development in Public
Space, City of Antwerp

In 2014 Reinhilde started as project leader at the department 'public space' for the city of Antwerp. For the large part her projects are regenerations of streets and squares situated in the inner city. More recently there has been a shift amongst both citizens and policy makers towards the implementation of green and blue infrastructure in public investments. But there is also still much work to be done.

As part of the core team of 'Climate robust St. Andries', a collective of both citizens and municipality staff, she coordinates cocreative and climate adaptive experiments on the neighbourhood scale.

With a background in human geography and urban planning she believes in working with 'urban labs' which strengths are to found in innovation, transition and a focus on learning. Practically this means experimenting and working together with a large group of stakeholders in the field. She therefore enthusiastically engages in the 'garden streets' pilot project.

www.antwerpen.be



Prof Richard Ashley
Emeritus Professor of Urban
Water, Sheffield University,
Director, EcoFutures Ltd

Professional Chartered Civil and Environmental Engineer and former MD of the Pennine Water Group (PWG) University of Sheffield. Director of EcoFutures Ltd.; researcher in flood resilience at IHE in Delft, Netherlands; Adjunct Professor at Lulea Technical University, Sweden. Recipient of the IWA/IAHR Joint Committee on Urban Drainage 2014 triennial Career Achievement Award and 2008 IWA award for research into sustainable water systems.

Richard has worked in practice with more than 50 years in research, design and science of urban drainage systems, working extensively in cross-disciplinary activities in SuDS, e.g. with Welsh Government implementation of Schedule 3, co-creator of CIRIA's benefit valuation tool B£ST, and part of the IHE team bringing flood resilience into WSUD in Australia.

In 2018, Richard led a review of future needs for water and wastewater infrastructure in EU member states for OECD and DG Environment, and is participating in several EU projects on blue-green infrastructure and asset management. ~600 publications with many significant research findings, mainly for urban drainage and flooding.

www.ecofutures.eu www.sheffield.ac.uk



Richard ScottDirector, National Wildflower
Centre

Richard Scott is Director of the National Wildflower Centre, based at The Eden Project, previously working for pioneering Environmental charity Landlife, delivering creative conservation projects nationally. Landlife founded the National Wildflower Centre in 2000, now proudly homed at The Eden Project in an exciting new evolution, to make a difference, with serious intent.

There is a smile in the possibility of flowers which links every culture, bringing hope, opportunity, colour and transformation. Passing on the joy, conveying the possibility of what can be done, transforming landscapes, in likely and unlikely places. Bridging urban and rural, social and regional divides, and linking people in the process of transformation. Over the years, Richard has championed many creative conservation techniques using unusual substrates, and techniques to deliver lasting and sustainable project work. The National Wildflower Centre is set to help deliver incredible wildflower landscapes on an increasingly large scale, in the places where they are needed, where people can see and celebrate them – not just as nature reserves, which despite decades of conservation effort have sadly become more isolated – but as part of the environment we live in.

National Wildflower Centre



Robin Dagois Urban Soil and Plant Selection Engineer, Plante & Cité

My work mainly focus on urban soil, agronomy and selection of plants for green landscapes in cities. By the past, I had the opportunity to study the fertility and the agronomic properties of industrial polluted soils located in Eastern and Northern parts of France (Research Program: Reiterre). My task aimed to evaluate the future evolution and pedogenesis of such soils under contrasted climatic and plant influences. I later expanded my experience with anthropogenic soil by studying the agronomic properties of constructed soils for agricultural practices in the Lorver research project.

Since 2018, I joined Plante & Cité in Angers to run study programs on urban agronomy and innovation in green landscapes. Some of my current studies include permeable paving and surfaces, plant selection for green roofs, integrated management of shrubs and nature based solutions for cities

www.plante-et-cite.fr



Russell Galt
Director, IUCN Urban Alliance

Russell Galt is an environmentalist and the Director of the International Union for Conservation of Nature (IUCN) Urban Alliance — a global movement for greener cities. He considers access to a clean, safe and wildlife-rich environment to be a human right that requires special attention in cities.

Russell holds an LLM in Natural Resources Law and Policy from the Centre for Energy, Petroleum and Mineral Law and Policy at the University of Dundee as well as a BSc (Hons) in Ecology from the University of Edinburgh.

He has spent the past decade working internationally—from Brussels, Cape Town, Nairobi and Edinburgh—for IUCN, ICLEI – Local Governments for Sustainability, the South African National Biodiversity Institute and the United Nations Environment Programme.

www.iucn.org



Sara Venn Founder, Edible Bristol

Sara Venn is a horticulturalist and food activist who founded Incredible Edible Bristol 5 years ago and who's work now sees her supporting communities to create beautiful and productive gardens from lost and unloved spaces across the city of Bristol.

Having come from a career in the nursery world, Sara's focus is on ensuring good horticultural skills are shared across communities and ensuring these spaces make change for the communities that are working on them.

www.ediblebristol.org.uk



Sean RobinsonSpecification Director, Polypipe
Civils

Sean is Specification Director at Polypipe Civils with over 18 years' experience in the building industry, 15 of which with Polypipe Civils. Sean manages a team of specification specialists, ingwork with engineers, architects, landscape architects and local authorities encouraging early involvement with Polypipe's Permavoid Sub-Base replacement oil treating system, Polystorm conventional deep underground attenuation and soakaway tanks and Permavoid blue-green roofs and podium decks, all of which support the development of green infrastructure.

Sean finds solutions to industry challenges such as climate change, planning requirements and new building techniques to meet regulations. His insight and immersive knowledge of industry requirements and the products and systems Polypipe manufacture and develop all result in supporting Blue-Green Infrastructure and biophilic design. Sean has also been instrumental in the content development of Polypipe's new Inspiring Green Urbanisation Design Guide, created to give guidance to engineers, architects, landscape architects and local authorities on how to successfully design and implement effective blue green solutions.

www.polypipe.com/civils-and-infrastructure



Sue IllmanIllman Young, Past President of the Landscape Institute

Sue Illman is Managing Director of Illman Young, a landscape architectural practice based in Cheltenham, and was President of the Landscape Institute from 2012-2014. Whilst her practice works across most planning and development sectors, she is probably best known for her advocacy work promoting integrated water management and SuDS through inter-professional collaboration. Catchment management alongside the integration of grey, green and blue in our urban landscape has never been more relevant, and is a subject that Sue continues to promote; a role that has been recognised in her current position as Champion for Flood Mitigation and Resilience on behalf of the Construction Industry Council (CIC).

Sue was a co-author of the new SuDS Manual, launched in November 2015 by CIRIA, lead author for the new SuDS Construction guidance published by CIRIA in November 2017, and both lead and co-ordinated the recently-launched LLFA Review of SuDS — Achieving Sustainable Drainage.

Photo by Robert Taylor illman-young.com



Taina SuonioFifth Dimension—Green Roofs in Urban Areas, University of Helsinki

Taina Suonio is a garden designer, horticulturist, environmental biologist, and researcher in the Fifth Dimension – Green Roofs in Urban Areas research group of the University of Helsinki, focusing on environmental change and policy on urban green roofs. She is also a frequent lecturer at various educational institutions in her native Finland and abroad, and contributor to media in urban greening and gardening matters.

Taina obtained her British Higher
National Diploma in Horticulture in
Northern Ireland. She is the coinitiator of the Greenest of the Green
award-winning block of flats project in
Helsinki. In London she worked with
Prof Nigel Dunnett to create the
'dreamy and magical' Barbican Centre
roof garden.

After 14 years contributing to other designers at the Chelsea Flower Show, for 2019 Taina will present her own design, a Finnish first, The Roots in Finland Kyrö Garden.

Other positions include Deputy Chair of the National Association of Green Environment, Chair of The Garden Builders' Association and Chair of The Finnish Horticulturists' Association. She has been a Member of the Executive Board of the Scandinavian Green Roof Association since 2015.



Dr Tijana Blanusa RHS Wisley and Reading University

Dr Tijana Blanusa is a Principal Horticultural Scientist at the Royal Horticultural Society, UK's largest gardening charity. She is leading and developing RHS research into ecosystem services provision of urban vegetation, particularly focusing on what domestic green spaces can contribute. Her interests are in understanding plant traits which contribute to better provision of cooling, rainfall mitigation and air quality improvement.

In the talk, Tijana will provide examples from her recent RHS research on green roofs, walls and urban hedges which highlights plant traits that can be linked to improved provision of multiple ecosystem services.

rhs.org.uk www.reading.ac.uk



Tom RafteryPhotovoltaic product manager,
Bauder Ltd

Tom Raftery has been with Bauder since 2006. In his role as PV product manager, Tom manages and oversees all PV projects the company is involved with. Tom plays an instrumental part in bringing new products to market, most recently BioSOLAR in 2016. This system layers a PV array on a green roof, utilising a unique mounting system and enabling maximum sustainability credentials for both biodiverse requirements and renewable energy generation. Tom is an ambassador for innovation, working with suppliers and partners to enable the delivery of PV into new markets. He also has a passionate supporter of community energy and is a director at M & S Community Energy Society.

www.bauder.co.uk

www.helsinki.fi



Dr Tom YoungGroup Technology Manager,
STRI Group

Tom is STRI Group's Technology Manager, and takes the lead in coordinating development of innovative services and products for the sports turf and green infrastructure market for STRI. He has worked for STRI Group for 5 years, managing research trials for clients as well as developing the company's green roof consultancy and substrate testing capabilities. STRI now has the UK's only GRO approved green roof substrate laboratory, which tests green roof substrates to approved test methods designed specifically for green roof applications. Tom works closely with the majority of substrate manufactures in the UK to develop new substrate mixtures and to optimise current mixtures. Tom has also been a key member of the team which has developed the first UK BSI green roof substrate standard, due for publication in Spring 2019.

Prior to STRI, Tom graduated from the University of Sheffield in 2014 with a PhD in Biological Sciences, specialising in the optimisation of green roof substrate for sustainable plant growth and specific service provision in collaboration with a sponsor company and the Green Roof Centre.

www.strigroup.com



Vera Enzi
Grünstattgrau GmbH, EFB
European Federation of Green
Roof and Wall Associations

Vera Enzi is an international expert in nature-based solutions and green infrastructure on buildings such as green roofs, outdoor and indoor green walls. She has an MSc in Landscape Planning and Landscape Architecture from University of Natural Resources and Applied Life Sciences Vienna (BOKU) and used to work in urban green infrastructure research at the Institute of Soil-bioengineering and landscape construction (IBLB).

As spokeswoman, she represents the European Federation and Austrian Association of Green Roofs and Walls EFB, the Austrian Green Roof and Living Wall Association VfB and helped form ÖGREEN in 2016 – the new Austrian Network for Green Infrastructure. 2017 she co-developed the Green Living Lab with over 300 Networkpartners "GRÜNSTATTGRAU – Innovations for Green Cities" and cofounded GRÜNSTATTGRAU Research and Innovation GmbH, currently in position of CEO.

www.efb-greenbuildings.eu www.gruenstattgrau.at www.gruenstattgrau.org



Wendy Allen
Wendy Allen Designs

Wendy Allen is an RHS Gold Medal winning garden designer who specialises in designing and building eye-catching rain gardens. Her garden 'The Rain Chain' won the Best Sustainable Garden award at the RHS Hampton Court Flower Show 2009. Her projects feature in the UK Rain Gardens Guide and Small Green Roofs by Nigel Dunnett, Dusty Gedge, John Little and Ed Snodgrass.

Currently Wendy designs and builds Rainscapes for UK Rivers Trust Action for the River Kennet, involving communities and schools to create rain gardens which have a positive benefit for people, rivers and biodiversity. These projects have recently achieved a Britain in Bloom award and are shortlisted for the Wiltshire Life Conservation Award.

www.wendy all endesigns.co.uk



Yolande BarnesChair of The Bartlett Real Estate
Institute, UCL

Yolande has been examining and analysing real estate markets since 1986. As Director of World Research at Savills, Yolande provided evidence-based advice to clients and thought-leadership in real estate.

She set up and ran the UK residential research department, pioneering and developing new techniques for measuring place potential, land values and sustainable urbanism.

In 2012, she applied these techniques globally and in 2014 took on all sectors worldwide, focusing on cities.

She is an advisor to a variety of different enterprises and organisations. She writes regularly for research publications, national and international newspapers on a variety of property-related topics, and regularly appears on television and radio.

www.ucl.ac.uk/bartlett/real-estate/people/academic-staff



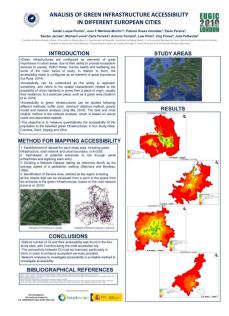
Yvonne Lynch
Urban Greening and Resilience
Consultant

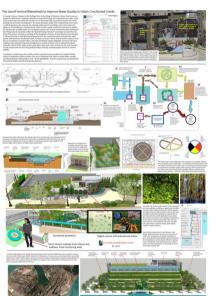
Yvonne is a leading urban greening and climate adaptation expert. She has advised local and state governments around Australia and internationally on how to green cities and adapt to extreme climate conditions. She is impact focused and helps governments to accelerate policy change and implementation.

She led City of Melbourne's Urban Forest and Ecology team for several years. The work of the team garnered multiple best practice and innovation awards under her leadership. A core component of Yvonne's approach is focused on combining cutting edge research with the power civic engagement to develop innovative solutions and drive implementation for urban greening.

Yvonne Lynch on Linkedin

POSTERS





001 | Green Infrastructure accessibility in different European Cities

Green infrastructure is very important in cities, as it provides a wide range of ecosystem services to people. Thus, accessibility to them is a factor of marked importance as it influences a large number of parameters, such as use variability, safety, quality and quantity.

PRESENTER Adrián Luque-Florido, Institute of Geomorphology and Soils. Department of Geography. Málaga University

CO-PRESENTERS Juan Francisco Martínez-Murillo^{1,2}, Paloma Hueso-González¹, Paulo Pereira³, Sander Jacobs⁴, Michael Leone⁴, Carla Ferreira⁵, Antonio Ferreira⁵, Luis Pinto⁵, Jörg Priess⁶, Julia Palliwoda⁶.

PARTNERS 1. Instituto de Geomorfología y Suelos. Universidad de Málaga, 2. Departamento de Geografía, Universidad de Málaga, 3. Environmental Management Centre, Mykolas Romeris University Lithuania, 4. Institute for Nature and Forest, Belgium, 5. Escola Superior Agrária de Coimbra, Portugal, 6. Helmholtz-Center for Environmental Research, Germany. 7. Biodiversa, 8. Ministerio de Economía, Industria y Competitividad, Gobierno de España

CONTACT adrydmlg@gmail.com

002 | The Use of Vertical Watersheds to Improve Water Quality in Urban Core Buried Creeks

My project improves water quality in buried urban creeks using vertical watershed units that generate biogeochemical cycles to treat, cool the water to a steady temperature, provide carbon sequestration and create pollinator habitats. These units also function as gateways, rest areas and environmental education stations.

LOCATION Village of Downers Grove, Illinois, USA

PRESENTER Domenico D'Alessandro, President, d'Alessandro & Associates

CONTACT domenicodalessandro20@gmail.com



Silva, V.-*, Micha, A.-Y., Annada, P.-, Annada, C. M., Yahna, P.-, Calmeros, C. S. C.*

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INTRODUCTIONGener notify, as nature based solutions (1985), play important roles concerning the ecosystem services and functions the provide in ubsa context. Their implementation depends on perspapilo location, criminal, construction detail and composed residencial feelings on interest of everyoge tables (in low savanibles in consideration monous dispulsions) and provides ana





Since green rods are a combination of botics and abolic factors insteading with the surrounding environment, its important to evaluate green rods succession over time, Herein, the proper plant selection is a ley best of levengow, or select to gather valuable information regarding our selected components under the extreme conditions of the coast line. However, more research in sended to based suitable conditionation for each geographical location. It will allow to extend the life of green roofs and encourage the application of green roofs worldwide.

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ilmar ® FC

003 | Green roof implementation and assessment in coastal areas

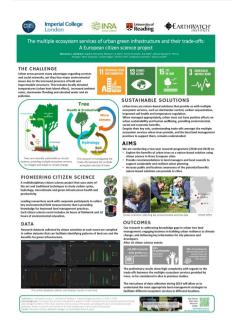
Green roofs as nature-based solutions, play important roles concerning the ecosystem services they provide and functions they play in urban context. In this study, we aim to evaluate performance and success of pilot green roofs systems under the extreme conditions of the Portuguese coast line.

PRESENTER Paulo Palha, Engineer Director of Neoturf and President of the Portuguese Association for Green Roofs (ANCV)

CO-PRESENTERS Silva, V.^{1,2}, Mucha, A. P., PhD¹, Arenas, F., PhD¹, Almeida, C. M., PhD¹, Palha, P.,Eng.³, Calheiros, C. S. C., PhD¹

PARTNERS ¹CIIMAR - Interdisciplinary Centre of Marine and Environmental Research of the University of Porto, Terminal de Cruzeiros do Porto de Leixões, Avenida General Norton de Matos, S/N, 4450-208 Matosinhos, Portugal ²FCUP – Faculdade de ciências da Universidade do Porto, Rua do campo alegre S/N, 4169-007 Porto, Portugal ³Neoturf - Rua das Amoreiras, 155, 4460-227 Senhora da Hora, Portugal

CONTACT paulopalha@neoturf.pt



004 | The multiple ecosystem services of urban green infrastructure and their trade-offs: a European citizen science project

Multidisciplinary citizen science research on urban trees in three European cities in UK and France. Increasing our understanding of best land management strategies to provide multiple ecosystem services of urban trees, especially reducing flood risk and urban heat island effect.

PRESENTER Dr Macarena L. Cárdenas, Research Manager, Earthwath Europe

CO-PRESENTERS and PARTNERS Daphne Parramon-Dhawan and Prof Steven Loiselle, Earthwatch Europe, Dr Jo Clark and Miss Nerea Ferrando, University of Reading, Dr Ana Mijic and Dr Wouter Buytaert, Imperial College London, Professor Thierry Ameglio, Dr Marc Saudreau and Dr Jérôme Ngao, INRA, Dr Jérôme Colin and Dr Guillaume Schreiner, CNRS

CONTACT mcardenas@earthwatch.org.uk

ewgis.org/earthwatch-stp/europe/index.html earthwatch.org.uk/what-we-do/environmental-themes/climate-change/sustainablecities www.youtube.com/watch?v=BabS1y8flQ8&feature=youtu.be



005 | Building for biodiversity

Habitat First Group build for biodiversity with net biodiversity gain delivered on-site. Sites provide rich networks of green infrastructure bringing benefit to wildlife and people through a landscape-led approach to quarry restoration. Sites were first in the UK to be awarded the Full (Excellent) award from Building with Nature.

PRESENTER Dr Phoebe Carter, Chief Ecologist, Habitat First Group

CONTACT pcarter@habitatfirstgroup.com

www.habitatfirstgroup.com



006 | **SOCIAL ORCHARDS**

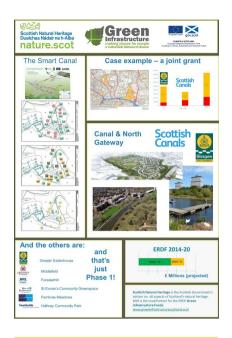
Social Orchards is a social enterprise that transforms neglected spaces and enhances any publicly-accessible land by planting fruit trees, creating community orchards and inter-layered food-forests (or forest gardens) to deliver fresh food to the whole community that is free of cost and healthy.

PRESENTER Robert Walker, Social Orchards and Soil Asylum

PARTNERS London National Park City, Social Farms and Gardens, Royal Horticultural Society, Cultivate London, Grow London, National Trust, Moat Housing, Peabody Housing, Harmony Developments, Sufra, Eagle House Schools Group, EcoLocal, The Orchard Project, Open Orchard Project, Incredible Edible, Heritage Fruit Tree Company, Karuna Insight Design, Evergreens Exterior Services, Keepers Nursery, TESCO

CONTACT info@socialorchards.co.uk

www.facebook.com/socialorchards



007 | Green infrastructure strategic intervention

Update on the Green Infrastructure Fund since EUGIC2017, concentrating on The Smart Canal in Glasgow with its cutting edge stormwater management. Its location, innovative smart management of water, location of green infrastructure. Grant split.

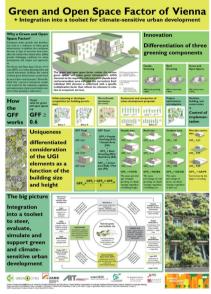
PRESENTER Martin Faulkner, Project & Funding Officer, Scottish Natural Heritage

CO-PRESENTER Iain Rennick, Head of Structural Funds, Scottish natural Heritage

PARTNERS Glasgow City Council, Scottish Canals, Aberdeen City Council, National Health Service, Southside Housing Association, West Dunbartonshire Council, South Lanarkshire Council

CONTACT martin.faulkner@nature.scot

www.greeninfrastructurescotland.scot



008 | Green and Open Space Factor of Vienna

Vienna's GOSF includes improvements like consideration of building types, compared with existing GFFs. The GFF is a multiscale toolset to simulate climatic performance of proposed designs and thus support urban planning.

PRESENTER DI Dr Florian Reinwald, Institute of Landscape Planning University of Natural Resources and Life Sciences, Vienna (BOKU)

CO-PRESENTERS DI Zita Ring, Assoc Prof, Dipl-Ing Dr Damyanovic Doris, Institute of Landscape Planning University of Natural Resources and Life Sciences, Vienna (BOKU)

PARTNERS University of Natural Resources and Life Sciences, Institute of Landscape Planning, Institute of Landscape Development, Recreation and Conservation Planning, Green4Cities, Zentralanstalt für Meteorologie und Geodynamik (ZAMG), AIT Austrian Institute of Technology, Wien 3420 Aspern Development AG, Municipality of Vienna, Vienna Environmental Protection Department 22

CONTACT florian.reinwald@boku.ac.at

www.rali.boku.ac.at/ilap/projekte/greenresilientcity www.projekte.ffg.at/projekt/2808424



009 | Madrid's Green Infrastructure and Biodiversity Plan

Madrid's Green Infrastructure and Biodiversity Plan 2020-2030 defines the guidelines of Global Strategic Planning to preserve, improve and promote natural heritage, biodiversity and associated ecosystem services in Madrid.

PRESENTERS Nuria Bautista, Technical Advisor Environment and Mobility, Beatriz García, General Director of Water Management and Green Space, Antonio Morcillo, General Deputy Director of Green Space Conservation and Urban Forest, Environment and Mobility Government area, Madrid City Council

CONTACT morcillosja@madrid.es

www.madrid.es



010 | Walthamstow Wetlands: Europe's largest urban nature reserve

The creation of an enhanced wetland habitat and leisure opportunities for visitors by re-using dredged sediment from reservoirs within Walthamstow Wetlands. By characterisation of the sediment, hydrology and ecology of the Thames Water reservoirs, 30,000 m³ of sediment were successfully re-used to create new ecologically diverse reedbeds.

PRESENTER Malcolm Robertson, Ecologist, Ramboll

CO-PRESENTER Fiona Seaton, PhD student, Bangor University

PARTNERS The Heritage Lottery Fund, Thames Water, the London Borough of Waltham Forest and the London Wildlife Trust

CONTACT malcolm.robertson@ramboll.co.uk

www.ramboll.co.uk



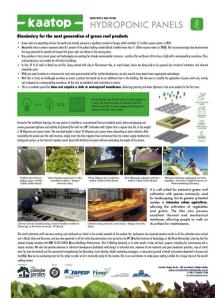
011 | Urban strategies and policies in voivodship cities for spatial optimisation through the development of green infrastructure

The research concerns voivodship cities green infrastructure strategies, programs and policies. Voivodship cities in Poland are assessed, especially anti-smog projects and urban greening. These are important to reveal which cities do not have such policies as this may be the mobilisation to create one.

PRESENTER Kamila Pawłowska, MSc Landscape Architect, Wroclaw University of Environmental and Life Sciences, Polish Green Roof Association

PARTNERS Wroclaw University of Environmental and Life Sciences, Poland

CONTACT kamila.pawlowska@upwr.edu.pl



012 | Biomimicry for the next generation of green roof products

We are presenting a new single-ply hydroponic sandwich panel that promises to replace ceramic tiles and could represent a next generation product to popularize green roofing, positioning them to compete in the wider roof market.

PRESENTER Sérgio Rocha MSc, CEO, Instituto Cidade Jardim

PARTNERS University of Bologna (Italy), University of Applied Sciences of Neubrandemburg (Germany), Brazilian Institute of Technology, at São Paulo University - IPT (Brazil), FAPESP/FINEP, Green Building Council Brazil

CONTACT sergio.rocha@institutocidadejardim.com.br

www.institutocidadejardim.com.br



013 | Intelligent Living and Growing Space

iLGS is a smart urban growing space that offers an inspiring environment based on bioclimatic design and integrated renewable energies. The space is designed to grow a wide range of fruits, vegetables and herbs during all four seasons, to encourage social interaction, and to provide new opportunities for local businesses.

PRESENTERS Suan Ho-Dinh, iLGS Project Technical Director, Suan Ltd

COPRESENTERS David Padadac, Creative Director, The Botohouse

PARTNERS The Botohouse

CONTACT suan@livingandgrowingspace.com

www.ilgslondon.co.uk



This intervention represents on the first theoretise of Ginen Infrastructure on the territories of Turis, and we do not speak only of rail gardent This space designed for a mixed motify and, in the new quaywes of the train station, as a sharing space, represents a new way of seeing the sustainability in an urban context. The surfaces are made completely draining, and alternative substates have been used.

The finishing used for the pavements has been designed as a contemporary reinterpretation of the typical historical pavements in Piedmont. It is deeply cured in all the details and tries to maintain the

Nexts have been totally eliminated in order to create continuity between pavements, gareins, water confliction systems and traffic-free most. This choice arises from the desire of conferring a new element of perception inside the Italian suburban landscapes. The connection with the existing bills lanes and the mobility systems of the park Corons Verde has been particularly studied, in order to records the processor of the proficed and the particularly conflicting and the profit of the profit of the profit of the profit of the particular of the profit of the profit

This little road axis, still in construction, brings great innovation in the fields of mobility, green and vater management and soil permeability, and guarantees a sustainable management of the urban elements, solving the problem of the flooding.

014 | New green infrastructure: rain garden and sustainable use of water in Movicentro Project, in Venaria Reale, Turin, Italy

This space designed for a mixed mobility and, in the new square of the train station, as a sharing space, represents a new way of seeing the sustainability in an urban context. The surfaces are made completely draining, and alternative substrates have been used in order to facilitate the microbial growth and a faster infiltration of the water.

PRESENTER Manuel de Canal, Landscape Architect, Project Leader, mdc-studio

COPRESENTER Silvia Bordino, Agronomist, mdc-studio

CONTACT io@mdc-studio.com

www.mdc-studio.com



015 | Green Living Concept

Green Living Concept consists of three different segments, each segment refers to one of the main environmental issues in the city of Novi Sad. GLC segments: 1) Waste sorting system 'ECO POINT' 2) Green Balconies 3) Green roofs.

PRESENTER Danica Laćarac, Project Manager, Green Roof Association of Serbia

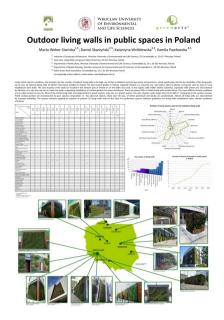
COPRESENTER Tihomir Laćarac, Aspect Communications

PARTNERS Erker Inženjering Ltd, Aspect Communications

CONTACT danica.lacarac@icloud.com

www.erker-inzenjering.com/green-living-concept





016 | Outdoor living walls in public spaces in Poland

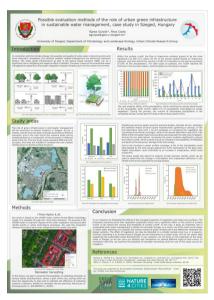
Under Polish climate conditions, the limitation for the number of outdoor living walls is the high cost of their installation and too low winter temperatures, which significantly shorten the durability of the living walls. Up to now, 18 external living walls of 1853m² have been installed in Poland.

PRESENTER Marta Weber-Siwirska, PhD, Wroclaw University of Environmental and Life Sciences and Polish Green Roof Association

CO-PRESENTERS Daniel Skarżyński, PhD, Greenarte Living Walls Company, Katarzyna Wróblewska, PhD, Wroclaw University of Environmental and Life Sciences and Kamila Pawłowska, PhD student, Wroclaw University of Environmental and Life Sciences

PARTNERS Wroclaw University of Environmental and Life Sciences, and Greenarte Living Walls Company

CONTACT marta.weber.s@gmail.com



017 | Possible evaluation methods of the role of urban green infrastructure in sustainable water management, case study in Szeged, Hungary

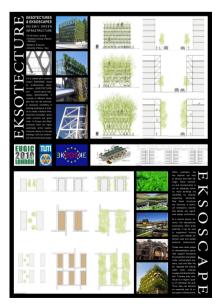
The impact of green infrastructure on urban hydrological cycles can become more important in mitigating the negative impacts of climate change. Application of the UFORE-Hydro model supports this process by including the role of urban vegetation thus providing a type of nature based solution.

PRESENTER Dr Ágnes Gulyás, Assistant Prof, University of Szeged Faculty of Science and Informatics, Department of Climatology and Landscape Ecology

COPRESENTER Ákos Csete, PhD student, University of Szeged Faculty of Science and Informatics, Department of Climatology and Landscape Ecology

PARTNER University of Szeged

CONTACT agulyas@geo.u-szeged.hu



018 | Eksotectures & Eksoscapes: seismic green infrastructure

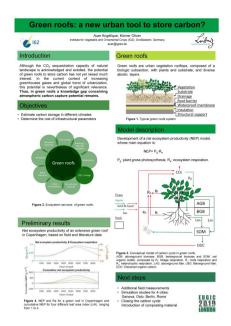
It is a collaborative research project (EKSOSKE) based on multifunctional eksoskeletons (EKSOTECTURE) and seismic-green-masterplan (EKSOSCAPES). It consists of different strategies that use the technically necessary retrofitting of existing buildings as a chance to create a resilient infrastructural ecosystem: green urban corridors and green roofs.

PRESENTER Prof Stefano Panunzi, Professor in Architectural and Urban Design, Department of BioScience and Territory

COPRESENTER Prof Ferdinand Ludwig, Professor for Green Technologies in Landscape Architecture, Department of Architecture, Technical University of Munich University of Molise, Italy

 $CONTACT\ stefano.panunzi@unimol.it$

www.baubotanik.de



019 | Green roofs: a new urban tool to store carbon?

Are green roofs a new urban tool to store carbon? The focus of this research is to estimate the carbon storage potential of green roofs, by modelling their net ecosystem productivity. The aim consist in determining their possible contribution to greenhouse gas emission mitigation.

PRESENTER Angélique Auer, Research Assistant, Leibniz Institute for Vegetable and Ornamental Crops (IGZ)

COPRESENTER Dr. Oliver Körner

CONTACT auer@igzev.de

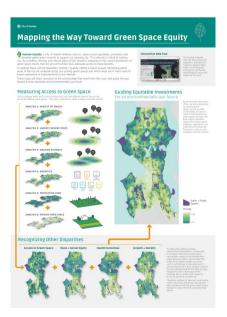


020 | Terrain Vague, Urban Futures

This project places a heavy emphasis on the enhancement and regeneration of "Terrain vague", interstitial spaces in urban environments, exploring the potential they hold through a unique and innovative design concept and scheme. Aiming to enhance all human experiences and our urban environments.

PRESENTER Jacob Neal, Department of Landscape, University of Gloucestershire

 ${\tt CONTACT\,Jacob.neal3@btinternet.com}$



021 | Mapping the way toward green space equity

The City of Seattle analyzed current disparities in access to green space and identified areas most need of the benefits it provides. These maps will direct future green investments to the communities that need them the most, and guide the way toward a more equitable and environmentally-just future.

PRESENTER Cayce James, Senior Planner, Director of Outside Citywide Initiative, City of Seattle

CONTACT cayce.james@seattle.gov

https://www.seattle.gov/opcd/outsidecitywide

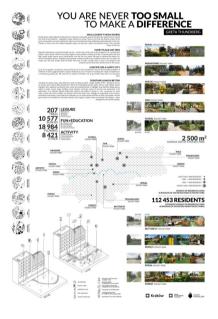


022 | Adaptive measures for an existing site

An existing council run waste recycling centre in a harsh environment, given a green infrastructure and adaptive measures treatment to improve the site efficiency and comfort of the employees. Also includes proposals for a new staff car park on an existing greenspace which currently acts as a flood defence.

PRESENTERS Stephen Handley AND Louise Handley, Urbanist/landscape designer, Studio 44 CONTACT studio44dao@gmail.com

www.arcc-network.org.uk/adaptive-places/green-infrastructure-design-challenge



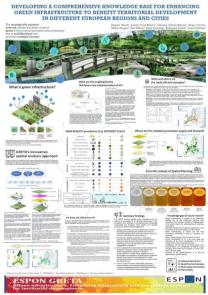
023 | You are never too small to make a difference: the role of pocket parks

Pocket parks are relevant small public spaces that give the opportunity to spend free time for all residents – regardless of age, interests or needs. They are not only the vibrant centers of the local communities, but also habitats for plants and animals improving wellbeing and biodiversity in the city.

PRESENTER Katarzyna Opalka, Coordinator of Urban Space Design Team, Krakow Municipal Greenspace Authority

CONTACT kopalka@zzm.krakow.pl

www.facebook.com/ogrodykrakowian



024 | Developing a comprehensive knowledge base to enhance Green Infrastructure and improve territorial development in different European regions and cities

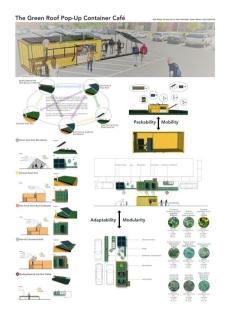
GReen infrastructure: Enhancing biodiversity and ecosysTem services for territoriAl development (GRETA) is European-wide applied research focused on the physical and functional dimensions of GI. The findings offer new knowledge, insight, and recommendations for implementing GI via multi-level governance mechanisms and cross-sector policy and planning.

PRESENTER Raquel Ubach, Researcher, Autonomous University of Barcelona

COPRESENTERS Jaume Fons-Esteve, Autonomous University of Barcelona, Gemma García-Blanco, Tecnalia, Hugo Carrao, s4e, Mirko Gregor, s4e, Elin Slätmo, NordRegio, Eeva Turunen, NordRegio, Katherine Irvine, James Hutton Institute, Laure Kuhfuss, James Hutton Institute

CONTACT Raquel.Ubach@uab.cat

https://www.espon.eu/green-infrastructure



025 | The Green Roof Pop-Up Container Café

The Green Roof Pop-Up Container Café is a mobile coffee shop and green roof educational exhibit, designed to pack into a 2.5m x 6m, customized shipping container for transportation. The unit can travel around European Cities to provide an unconventional participatory learning experience and educate the public about the benefits, components, economics, and regulations of green roofs in urban areas.

PRESENTER Gaelen Means, Student, MSc Landscape Architecture, University of Colorado Denver

COPRESENTERS MLA Candidates Kortney Harris, Kyle Roddy, Helen Davidoski, and Leila Tolderlund, Assistant Professor (CTT) and Associate Chair in the Landscape Architecture Department, University of Colorado Denver

CONTACT gaelen.means@ucdenver.edu



026 | Collaboration is the answer: the tale of the Greenest District in Cairo by the Green Hands of Civil Society

Cairo suffers from acute shortage of green spaces provision. The research is highlighting a successful case where the civil society managed to preserve and increase the green areas within Maadi district. The networked community of Maadi is the success factor behind the greenest district in Cairo, facilitated by the efforts of Maadi based NGO.

PRESENTER Merham Keleg, Lecturer Assistant and PhD student, Ain Shams University and Oxford Brookes University

PARTNERS Ain Shams University and Oxford Brookes University

CONTACT 17092835@brookes.ac.uk



027 | Green infrastructure as a climate change and risk adaptation tool in coastal cities: the case of Sétubal, Portugal

The green infrastructure of Sétubal is an environmental and land management planning instrument that recognises the territorial ecological systems and guides in a sustainable way the occupation and transformation of the territory, contributing to a more resilient community in the face of climate change.

PRESENTER Renato Monteiro, Researcher, FCT NOVA

COPRESENTERS Prof José Carolos Ferreira, Assistant Professor at FCT NOVA, Vasco Raminhas Silva, Geographer and PhD student, Municipality of Sétubal

PARTNERS MARE—Marine and Environmental Research Centre, Câmara Municipal de Sétubal

CONTACT rmc.monteiro@fct.unl.pt



028 | Teaching and learning green infrastructure in NOVA University Lisbon

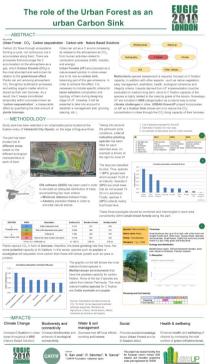
This poster focuses on the teaching and learning of green infrastructure at two courses of NOVA University of Lisbon, presenting its practical and innovative methods.

PRESENTER Cláudio Duarte, Researcher, MARE Marine and Environmental Sciences Centre, NOVA School of Science and Technology, NOVA University Lisbon

COPRESENTER Prof José Carlos Ferreira, Assistant Professor, FCT NOVA University Lisbon

PARTNERS MARE Marine and Environmental Sciences Centre, NOVA School of Science and Technology, NOVA University Lisbon, Almada Municipality, Portugal

CONTACT cj.duarte@campus.fct.unl.pt



029 | The role of the Urban Forest as an urban Carbon Sink

Urban Forests (UF) are proposed as a NBS in urban areas due to its role as carbon sink, balancing part of this gas emissions. In order to achieve this effect, it is necessary to include specific criteria for taxon selection composition and typology of them during designing stage of UF.

PRESENTER Raúl Sánchez, CARTIF- Natural Resources Area Manager, CARTIF Foundation

COPRESENTER Nuria Garcia, Deputy Manager of the Agrifood and Sustainable Processes Division, CARTIF Foundation

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www.urbangreenup.eu





www.livingroofs.org



3rd EUROPEAN URBAN GREEN INFRASTRUCTURE CONFERENCE 10-11 April 2019 Here East, Olympic Park

