



World Green Roof Congress

Delivered by CIRIA in partnership with Livingroofs.org

17-18 September 2008 London, UK



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sharing knowledge
building best practice

Background

The World Green Roof Congress (WGRC) brings together leading green roof experts from over ten countries, providing a platform for communicating inspirational case studies, research and policy initiatives. This exciting and respected Congress promotes the implementation and use of green roofs, giving a greater understanding of their benefits while stimulating innovation.

The Congress

Supported by the Greater London Authority, the European Federation of Green Roof Associations, and The International Green Roof Association, CIWEM, Green Roofs Healthy Cities and Allen & Overy LLP, this inspiring Congress will promote the implementation of green roofs providing a greater appreciation of their benefits, through education shifting their implementation from 'quirky' exceptions to the mainstream rule.

Day 1: a practical overview of green roofs, demonstrating their application and showcasing the benefits. There will be a series of inspiring keynote presentations highlighting achievements, both in the UK and overseas.

Day 2: allows delegates to view the evidence supporting the benefits as well as the life cycle of implementing green roofs. The Congress will highlight the latest innovations and research to support the effective delivery of green roofs.

Why you should attend

Green roofs and green walls have the potential to revolutionise building designs, providing environmental and social benefits. Furthermore, whole life costs show that green roofs cost the same or less than conventional roofing and can promote other long-term benefits.

The primary objective of the Congress is to share and disseminate good practice and highlight the implementation of green roofs, demonstrating their contribution to sustainability. Delegates can expect to gain much from attending including:

- an overview, best practice and focused details of green roof implementation
- higher quality urban living, within a challenging regulatory and financial framework
- recognised experts to discuss the opportunities delivered by green roofs
- benefit from case studies and recent research
- an understanding of green roofs in sustainable urban regeneration and climate change adaptation
- inspiring those within the built environment sector to implement green roofs where practical
- provide a forum for all stakeholders to discuss the challenges and progress the implementation of green roofs.

Who should attend

- Local authorities
- Clients
- Engineering, ecological and environmental consultants
- Contractors
- Architects
- Landscape Architects
- Manufacturers from the built environment sector
- Other policy and decision makers.

Reception hosted by the Greater London Authority

The GLA are delighted to host the World Green Roof Congress pre-registration reception on the **16 September 2008 from 18.00-20.00** at **City Hall, London SE1 2AA.**

If you wish to attend please indicate on the Congress booking form as places are limited.

Programme Day One

08.45	Registration, refreshments and exhibition	14.05	Designing for ecological sustainability <i>Dr Ken Yeang, Llewelyn Davies Yeang, UK</i> <ul style="list-style-type: none">■ the ecological basis for design■ designing for ecological nexus■ integrating the built environment with the natural environment■ providing a horizontal and vertical green infrastructure as the framework for design and planning.
09.30	Chairman's introduction <i>Jim McLelland, Sustain</i>	14.35	Benefits for biodiversity <i>Dr. Stephan Brenneisen, Life Sciences and Facility Management, University of Applied Sciences, Switzerland</i> <ul style="list-style-type: none">■ the Swiss Biodiversity Approach to green roofs■ the importance of biodiversity on roofs both in the urban and rural realm■ case studies.
09.35	Keynote address <i>Mayor of London, (invited)</i> <ul style="list-style-type: none">■ why London for the Congress?■ the London plan – addressing sustainability■ living roofs and walls■ London climate change partnership■ achievements and plans for the future.	14.55	Benefits for sustainable water management <i>Dr Manfred Kohler, University of Applied Sciences, Neubrandenburg, Germany and WGRIN, President</i> <ul style="list-style-type: none">■ the drivers for implementing sustainable water management■ the benefits for stormwater management■ examples of rainwater harvesting.
09.55	The North American perspective <i>Peter Lowitt, Green Roofs for Healthy Cities, USA</i> <ul style="list-style-type: none">■ the drivers for implementing green roofs■ the benefits and achievements of their approach■ challenges faced and lessons learnt■ what next?	15.15	Refreshments and exhibition
10.15	The German perspective <i>Wolfgang Ansel, International Green Roof Association, (IGRA) Germany</i> <ul style="list-style-type: none">■ the drivers for implementing green roofs■ the benefits and achievements of their approach■ challenges faced and lessons learnt■ what next?	15.45	International benefits for climate change adaption <i>Dr Brad Bass, Adaptation and Impacts Research Group Environment, Canada</i> <ul style="list-style-type: none">■ demonstrating the benefits for climate change adaptation■ Toronto Energy Modelling at both a City and Building Scale■ anecdotes and case studies.
10.35	Refreshments and exhibition	16.05	Landscape and amenity - a UK perspective <i>Dr Nigel Dunnett, University of Sheffield, UK</i> <ul style="list-style-type: none">■ the drivers for integration■ challenges of integration■ achievements.
11.05	A European municipality perspective on green roofs <i>Edmund Maurer, Municipality of Linz, Austria</i> <ul style="list-style-type: none">■ the history and development of the Linz Green Roof Policy■ incentives■ rationale■ and barriers to good implementation of green roofs.	16.25	Partnership approach to implementing green roofs <i>Robert Runcie, Environment Agency, England and Wales</i> <ul style="list-style-type: none">■ why is green roof implementation a priority?■ promoting green roofs through planning■ practical support and guidance on implementation■ achievements in London to date■ future opportunities.
11.25	The British policy response <i>Paul Collins, Nottingham Trent University, UK</i> <ul style="list-style-type: none">■ UK drivers for green roof implementation■ national and local policy responses■ policy gaps and challenges■ what next?	16.45	Q & A session
11.45	Commercial drivers for green roofs <i>Lawrence Robertson, Lend Lease, UK</i> <ul style="list-style-type: none">■ commercial drivers for green roofs■ a vision for green roof implementation■ the importance of master planning■ working with the EA and other partners.	17.00	Close of Congress session
12.05	Q & A session	18.30	Congress reception – 10th floor green roof terrace Allen & Overy LLP
12.30	Lunch and exhibition	21.00	Close
14.00	Chairman's introduction <i>Andrew Hedge, Dow Hyperlast</i>		

Programme Day Two Delegates to indicate which stream they wish to attend on the booking form for the Congress

	<p>Work stream A Lifecycle of implementing green roofs and green walls</p>		<p>Work stream B Evidence base behind green roofs and green walls</p>
08.15	Refreshments and exhibition	08.15	Refreshments and exhibition
	Chairman <i>Peter Allnutt, Alumasc Ltd</i>		Chairman <i>Sarah Langley, Flag UK Ltd</i>
	Planning green roofs and green walls		Performance for biodiversity
09.00	Development of modular green roofs for high-density urban cities. <i>Dr Sam Hui, Department of Mechanical Engineering, University of Hong Kong</i>	09.00	Plant selections for calcareous grasslands on green roofs in the UK. <i>Min-Sung, Choi, Department of Landscape, University of Sheffield, UK</i>
	Designing green roofs and green walls	09.20	Can green roofs provide invertebrate habitat in the urban environment. <i>Dr Gyongyver Julia Kadas, University of London, UK</i>
09.20	Good for business - Rotherham's innovative greening. <i>Michela Griffith, Landscape Design, Rotherham Council, UK</i>	09.40	Extensive green roofs using geophytes in the UK, effect of substrate depth and covering plants. <i>Ayako Nagase, University of Sheffield, UK</i>
	Constructing and managing green roofs and green walls	10.00	Q & A session
09.40	Development of extensive vegetated sedum roofs: maintenance, moss and flowering. <i>Tobias Emilsson, Swedish University of Agricultural Sciences, Sweden</i>	10.15	Refreshments and exhibition
10.00	Q & A session		Chairman <i>Steve Ball, English Partnerships</i>
10.15	Refreshments and exhibition		Performance for stormwater management
	Chairman <i>Nick Ridout, Bauder Ltd</i>	10.45	Traditional to green roof conversion scenarios for residential and industrial buildings. <i>Anna Palla, Dept of Construction, Environmental and Territorial Engineering, University of Genova, Spain</i>
	Local, regional and national standards for green roofs and green walls	11.05	Test calculation of stormwater outflow restraint effect by green roof in the high-density area. <i>Prof Hajime Koshimizu, School of Agriculture, Meiji University, Japan</i>
10.45	Identifying the drivers for a green roof policy for Birmingham, UK. <i>Rosemary Coyne, Advantage West Midlands, UK</i>	11.25	Green roof storm water detention: laboratory and full-scale experiences in the Mediterranean climate. <i>Anna Palla, Dept of Construction, Environmental and Territorial Engineering, University of Genova, Spain</i>
11.05	Development and Implementation of locally-sourced extensive green roof substrate in New Zealand. <i>Dr Elizabeth Fassman, Dept of Civil and Environmental Engineering, University of Auckland, New Zealand</i>	11.45	Q & A session
11.25	Case study I Aerial boardrooms and allotments in the sky. <i>Dave Richards, Sector 39, UK</i>	12.00	Lunch and exhibition
11.45	Q & A session		
12.00	Lunch and exhibition		

Programme Day Two *Continued*

	Chairman <i>Wolfgang Ansel, IGRA</i>
13.30	Case study 2 The White City living wall <i>Gary Grant,</i> <i>EDAW, UK</i>
	Vegetation
13.50	Establishment of vegetation on local dry meadows and creation of habitat for ground nesting birds. <i>Nathalie Baumann and Doris Tausendpfund,</i> <i>Life Cycle and Facility Management,</i> <i>Zurich University of Applied Sciences,</i> <i>Switzerland</i>
14.10	A 100 species wildflower roof garden. <i>Jessica Read Dip.LA</i> <i>Sustainable Landscape Architecture,</i> <i>Germany</i>
14.30	Q & A session
14.45	Refreshments and exhibition

	Chairman <i>Tim Reeder, Environment Agency</i>
	Performance for climate change adaptation
13.30	Carbon sequestration potential of extensive green roofs. <i>Kristin Getter and Dr Brad Rowe, Michigan State University, USA</i>
13.50	The energy truths of green roofs. <i>Marco Schmidt,</i> <i>TU Berlin, Germany</i>
14.10	Environmental benefits achieved by living envelopes interventions in cities. <i>Daniel Roehr,</i> <i>Landscape Architecture, University of British Columbia, USA</i>
14.30	Q & A session
14.45	Refreshments and exhibition

Plenary session

- 15.15** **Chairman** *Andrew Jones, Greater London Authority*
- 15.20** **Green roof plant selection and landscapes**
Ed Snodgrass,
Green Roof Plants, USA
- plant selection relative to design intent
 - plant selection relative to maintenance
 - plant palettes within plant groups
 - plant choices and ecological goals.
- 15.40** **The role of green roofs in adapting London to climate change**
Alex Nickson,
Greater London Authority, UK
- 16.00** **A holistic view of Green Roofs in London**
Dusty Gedge,
Livingroofs.org, UK
- 16.20** Chairman's closing comments
- 16.30** Close



Printed on paper comprising 75 per cent post-consumer waste and 25 per cent ECF recycled paper using vegetable inks.

The venue

The two day conference is being held at the prestigious offices of Allen & Overy LLP, in Bishopsgate in the heart of the City which has a series of green tiers, with roof gardens overlooking the plaza below. This green roof building serves two benefits to the Congress:

- 1 A life scale working example of a green roof to educate delegates.
- 2 A superb venue to host the evening reception, complete with exceptional views over the London skyline.



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www.worldgreenroofcongress.com

**THE WORLD GREEN ROOF CONGRESS, 17-18 SEPTEMBER 2008,
One Bishops Square, London E1 6AO, UK**



To book your place please complete the form below and return to CIRIA, Classic House, 174-180 Old Street, London EC1V 9BP, UK.
Or fax to +44 (0) 20 7253 0523. Confirmation will not be made until FULL payment is received by BACS or credit card.

Email _____

Title _____ First name _____ Surname _____

Job title _____

Company name & address _____

Post/zip code _____

Country _____ Tel _____ Fax _____

Where did you hear about this event? _____

Registration (Please tick relevant boxes)

Standard Congress fee		£ Sterling
<input type="checkbox"/> Conference participant fee, 17-18 September 2008		£400 + VAT (£470.00)
Congress fees for CIRIA Core members, IGRA, EFB & GRHC members only		
<input type="checkbox"/> Conference participant fee, 17-18 September 2008		EFB/IGRA/GRHC † booking code: £300 + VAT (£352.50)
Congress fee for UK Local Authorities only		
<input type="checkbox"/> Conference participant fee, 17-18 September 2008		£300 + VAT (£352.50)
Social event		
To have an indication of how many people we can expect, we kindly request you to indicate whether you will be attending the reception below. For security reasons you must be pre-registered to attend the reception.		
<input type="checkbox"/> Pre-registration reception, 16 September 2008 at City Hall, London SE1 2AA		Included in conference fee
<input type="checkbox"/> Conference reception, 17 September 2008 at One Bishops Square, London, E1 6AO		Included in conference fee
TOTAL		£

† Members of IGRA, EFB and GRHC please contact the relevant organization for the booking code to claim your discount.

The **registration fee** for each participant includes all conference sessions, conference papers, lunch, refreshments during breaks and evening reception on 17 September 2008.

Please indicate choice of Work Streams for Day two

Work Stream A OR Work Stream B

Method of payment (Please tick relevant box)

I will pay by direct bank transfer/BACS to CIRIA, **please quote E8450 and your Company/Delegate Name**
Account Name CIRIA Barclays Bank, Sort Code: 20-65-82, Account No: 20050059
Account Name CIRIA Barclays Bank, IBAN No: GB96 BARC 2065 8220 0500 59 SWIFTBIC: BARCGB22

Or

I will pay by credit card. Please charge my credit card VISA AMEX MASTERCARD

Name of cardholder _____

Credit card No

Expiry Date

Card Validation Code _____

The Card Validation Code (CVC) is the 3 digit number which appears on the back of your credit card. For American Express credit card please supply the 4 digit number on the back of the credit card.

Name of Cardholder (as it appears on card) _____

Cardholders address (if different from above) _____

Postal/Zip code _____ City _____ Country _____

By completing this booking form I accept the conditions regarding registration and cancellation policy (see panel, right) and on the Congress website:

www.worldgreenroofcongress.com

Please check you have completed all the details above and return with payment to CIRIA, Classic House, 174-180 Old Street, London EC1V 9BP, UK or fax to +44 (0) 20 7253 0523.

Booking form

Terms and conditions

Cancellation and refund of conference and exhibition fees:

- Registration fees are refundable, minus £135.00 administrative charge for cancellations received by 29 August 2008.
- No refunds will be made after 29 August 2008 but you may substitute participants.
- Please ensure a booking form is filled out for substitutes and returned to CIRIA Events department.
- There will be NO REFUNDS for non attendance.
- Exhibition fees are refundable, minus £400.00 administrative charge for cancellations received by 29 August 2008.
- No refunds will be made after this date unless we are able to sell the cancelled exhibition space.
- Refunds will be processed as quickly as possible.
- Payments must be made in £ Pounds Sterling.
- Please note that all bank costs must be paid by your bank.
- Your registration as well as your payment will be confirmed on receipt of a completed booking form and receipt of fees.

Accommodation

For accommodation please contact Vicky Roberts at Bien Venue on tel 01625 267 885, by fax 01625 267 879 or by email vicky@bvevents.co.uk.

Dietary requirements

We will provide vegetarian options at this event. Please inform us if you need us to cater for any other dietary requirement.

Conference language

The official language for the conference is English. There will be no simultaneous translation.

Disclaimer

CIRIA and Livingroofs.org reserves the right to alter the programme and to cancel the event in case of insufficient bookings. If we cancel the event, delegates will be advised immediately (at the latest by 16 July 2008) and fees refunded in full. Please note CIRIA and Livingroofs.org cannot be held responsible for any travel and hotel cancellation charges. CIRIA and Livingroofs.org do not accept liability for injuries/losses of whatever nature incurred by participants, exhibitors and speakers, nor for loss or damage to their luggage and/or personal belongings.

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