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www.dais.unive.it/~glocom

www.greenland-project.eu

www.timbre-project.eu

www.zerobrownfields.eu

CONFERENCE PROGRAMME and CALL FOR POSTERS

CABERNET 2014: Tailored & Sustainable Redevelopment towards Zero Brownfields

4th International Conference on Managing Urban Land

Final Conference of the EU FP7 Project “HOMBRE”
In cooperation with the EU FP 7 Projects “GLOCOM”, “Greenland” and “TIMBRE”

14th – 16th October 2014 · Frankfurt am Main · Germany



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THE CONFERENCE IS CO-FUNDED BY PROJECTS WITHIN THE 7TH FRAMEWORK PROGRAMME OF THE EUROPEAN COMMISSION



» INVITATION

October 2014 sees the 4th International Conference on Managing Urban Land taking place in Frankfurt am Main, Germany. The conference programme illustrates the global importance of reusing derelict, abandoned and underuse land in order to support the wise and perhaps even sustainable future of our cities. Working with friends from European Commission funded projects GLOCOM, Greenland, TIMBRE and HOMBRE means we can cover the social, environmental, economic and political aspects of managing urban land in depth. For most people the term 'brownfield' raises images of derelict factories, aban-

doned train stations, or closed mines. But brownfields are also sites of opportunities: the empty spaces in the land use puzzle can help us deliver the sort of cities we are trying to create. Increased understanding of how redevelopment affects city systems now means we can make better use of increasingly scarce financial and physical resources. Therefore, we invite you to Frankfurt between 14 – 16 October 2014 for three days of knowledge sharing, mutual inspiration and scientific validation of experiences from around Europe and beyond.

» CONFERENCE CHAIRS

- Hans van Duijne Deltares / The Netherlands, coordinator HOMBRE
- Paul Nathanail University of Nottingham / UK, CABERNET

» SCIENTIFIC COMMITTEE

- Renato Baciocchi University of Rome „Tor Vergata“ / Italy
- Valerie Bert Institut national de l'environnement et des risques (INERIS) / France
- Ioan Bica Technical University of Civil Engineering Bucharest / Romania
- Andrea Critto Ca'Foscari University Venice / Italy
- Andrew Cundy University Brighton / UK
- Dominique Darmendrail Common Forum / EC, France (tbc)
- Uwe Ferber Projektgruppe Stadt+Entwicklung / Germany
- Pauline van Gaans Deltares / The Netherlands
- Detlef Grimski Federal Environment Agency / Germany
- Matthias Groß Friedrich Schiller Universität Jena, UFZ / Germany
- Euan Hall The Land Trust / England
- Marc Kaszynski Etablissement Public Foncier Nord-Pas de Calais / France
- Petra Kidd CSIC-IIAG / Spain
- Jurate Kumpiene Lulea University of Technology / Sweden
- Antonio Marcomini Ca'Foscari University Venice / Italy
- Michel Mench Institut National de la Recherche Agronomique (INRA) / France
- Anna Starzweska-Sikorska IETU / Poland
- Stefan Trapp Danish Technical University / Denmark
- Barbara Vojvodíková Technical University of Ostrava / Czech Republic

» ORGANISING COMMITTEE

- Stephan Bartke UFZ / Germany
- Maaïke Blauw Deltares / The Netherlands
- Elisa Giubilato Ca'Foscari University Venice / Italy
- Detlef Grimski Federal Environment Agency / Germany
- Lisa Pizzol Ca'Foscari University Venice / Italy
- Markus Puschenreiter BOKU / Austria
- Thomas Track DECHEMA e.V. / Germany
- Katja Wendler DECHEMA e.V. / Germany

» PARTICIPANTS

We invite especially scientists, engineers, stakeholders from environmental management (e.g. environment agencies, national and local authorities), brownfield managers, urban managers, spatial planners and site owners, as well as environmental consultants, R&D and manufactur-

ing firms to participate, exchange experiences and learn about new developments. We are certain that you will find something interesting at each time slot, regardless of whether you are new to the field or have been practicing for decades.

Tuesday, 14th October 2014

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| 11:00 | OPENING | |
| 11:15-11:55 | KEYNOTE LECTURE Integrated urban policies and land management Emmanuel Moulin, URBACT, EU/France | |
| | Policy approaches to brownfield regeneration challenges | Gentle soil remediation options 1 |
| 12:00 | Value creation by connecting societal challenges with land management Margot de Cleen, Ministry of Infrastructure and the Environment, The Netherlands | Phytoremediation of trace element-contaminated soils in Europe – option appraisal based on long-term field experiments Markus Puschenreiter, University of Natural Resources and Life Sciences Vienna, Austria |
| 12:30 | Tradable planning permits for land use control – A Policy approach for less greenfield development and more brownfield regeneration? Detlef Grimski, Federal Environment Agency, Germany | Flash pyrolysis of metal-contaminated biomass: characterization of biomass and obtained pyrolysis liquids Jolien Janssen, University of Hasselt, Belgium (tbc) |
| 13:00 | The EU Guidelines on Environmental and Energy State aid for 2014-2020 and the Remediation of Contaminated Sites Joachim Sanden, Ministry of Urban Development and Environment of the Free and Hanseatic City of Hamburg, Germany | Microbial community structure and activity in trace element-contaminated soils (phyto)managed by Gentle Remediation Options (GRO) Maria Touceda-González, AIT Austrian Institute of Technology GmbH, Austria |
| 13:30 | LUNCH | LUNCH |
| | Solutions to bring state-of-the-art knowledge and information into application | Gentle soil remediation options 2 |
| 14:30 | Brownfield regeneration in a circular economy Jaap Tuinstra, Soil Protection Technical Committee, The Netherlands | Field demonstrations of Gentle (Phyto)Remediation Options in the EU FP7 GREENLAND network of trace element-contaminated sites Michel Mench , INRA – University of Bordeaux, France |
| 15:00 | The Brownfield Navigator Linda Maring, Deltares, The Netherlands | Deployment of aided phytostabilisation at field scale: set up and monitoring lessons Valérie Bert, INERIS, France |
| 15:30 | Timbre Information System for the provision of tailored and customized information on brownfield regeneration according to users' requirements Lisa Pizzol, University Ca' Foscari Venice, Italy | Processing of plant biomass harvested at trace element-contaminated sites managed by gentle (phyto)remediation options Valérie Bert, INERIS, France |
| 16:00 | COFFEE BREAK | COFFEE BREAK |
| | Approaches to regeneration and evaluation of their sustainability | Gentle soil remediation options 3 |
| 16:30 | Conceptual site or project models for sustainability assessment and overall value Pierre Menger, Tecnalia, Spain | Developing a practical decision support tool (DST) for the application of gentle remediation options Cundy, Andrew, University of Brighton, UK |
| 17:00 | Biomass production on brownfields Karl Eckert, Projektgruppe Stadt + Entwicklung, Germany | Testing novel combinations of amendments for stabilization of metals in heavily contaminated soils Grzegorz Siebielec , Institute of Soil Science and Plant Cultivation (IUNG), Poland |
| 17:30 | End Day 1 | |
| 18:00 | Get together/ Poster Party | |

Wednesday, 15th October 2014

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| 08:55 - 09:35 | KEYNOTE LECTURE Soil Remediation and Land Management – a Win-Win Situation Harald Burmeier, ITVA/Germany | |
| | Decision support tools on technologies for land revitalization | Brownfields ahead?! – Early Brownfield Indicators |
| 09:40 | Tool-assisted design and comparative evaluation of sustainable land use alternatives for brownfield redevelopment Michael Finkel, University of Tuebingen, Germany | Early Warning indicators brownfield regeneration: tipping points ahead? Pauline van Gaans, Deltares, The Netherlands |
| 10:10 | Soft re-use of Brownfields: decision support and opportunity matrix Victor Beumer, Deltares, The Netherlands | Use of social and economic indicators for the selection of sustainable site remediation options Valérie Cappuyns, KU Leuven, Belgium |
| 10:40 | GIS-based Identification of Infill Development Potentials on the Basis of Topographic and Cadastral Databases – Prospects and Limits Robert Hecht, Leibniz Institute of Ecological Urban and Regional Development, Dresden, Germany | Towards the anticipation of brownfield emergence? Elsa Limasset, BRGM, France |
| 11:10 | COFFEE BREAK | COFFEE BREAK |
| | Emerging strategies and technologies for effective remediation 1 | Real world challenges and pilot cases for brownfield regeneration |
| 11:40 | HOMBRE technology trains: smoothening the transition of brownfields to new uses? Martijn Smit, Wageningen University, the Netherlands | Solec Kujawski (Poland) – HOMBRE philosophy around local brownfield regeneration project Wojciech Irmanski, Geo-Logik, Poland |
| 12:10 | Technology train for reusing excavated material in a Brownfield regeneration context Renato Baciocchi, University of Rome “Tor Vergata”, Italy | The brownfield city: Famagusta, Cyprus Paul Nathanail, University of Nottingham |
| 12:40 | Integrated strategies for Brownfield regeneration: treatment of subsoil and alkaline residues by the combined EcogROUT-carbonation process Wouter van der Star, Deltares, The Netherlands | Assessing the socio-economic benefits of turning brownfields into green/blue spaces: a case study for Eindhoven and Copenhagen Peter Cornelis Roebeling, CESAM – Department of Environment and Planning, University of Aveiro, Portugal |
| 13:10 | LUNCH | LUNCH |
| 14:05 - 14:45 | KEY NOTE LECTURE The New Paradigm of Transatlantic Brownfields Partnerships Dale Medearis, Northern Virginia Regional Commission/USA | |
| | Emerging strategies and technologies for effective remediation“ 2 | Prioritization and communication approaches |
| 14:50 | In situ remediation of Pb/Zn mining and processing impacted sites Petra Kidd, ILAG-CSIC, Spain | Specifics of brownfields prioritization in large municipalities (case study area Brno) Klusáček, Petr, Institute of Geonics, Czech Republic |
| 15:20 | A Novel Remediation Approach for POPs Contaminated Solids Using Carbonaceous Materials Long Zhao, Chinese Research Academy of Environmental Sciences, China | Communication-Based Approach to Improvement of Old Industrial and Commercial Areas Anja Batke, Beate Huf, Regionalverband FrankfurtRheinMain, Germany |
| 15:50 | COFFEE BREAK | COFFEE BREAK |
| | Tools and technologies to foster land revitalization | Sustainable urban land management |
| 16:20 | Biochars for mitigation organic contaminants in soil Lisa Lundin, Umeå University, Sweden | Urban planning and design with the subsoil system Fransje Hooimeijer, TU Delft, The Netherlands |
| 16:50 | Immobilization of Metals using Biochar and Green Waste Compost to Aid Biomass Production on a Contaminated Site Sarah Jones, r3 environmental technology ltd, UK | Brownfields and Gap Sites as Potential for Sustainable Urban Development – A Survey of German Cities and Towns Andreas Blum, Leibniz Institute of Ecological Urban and Regional Development, Germany |
| 17:20 | How to engage towards an effective and sustainable redevelopment of large and complex brownfield sites Elsa Limasset, BRGM, France | Efficient Organisational Structures for the Management of Land Resources Uwe Ferber Projektgruppe Stadt + Entwicklung, Germany |
| 17:50 | End Day 2 | |
| 19:30 | Conference Dinner | |

Thursday, 16th October 2014

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| 09:00 | KEYNOTE LECTURE Re-use of land: possibilities, decision making and stakeholders Paul Bardos, r3/UK | |
| | Tools and methods for decision making and awareness raising | |
| 09:40 | The HOMBRE BR2 tool for understanding urban systems Matthew Ashmore, University of Nottingham, UK | |
| 10:10 | Acting Sustainably: Redevelopment Scenarios for Borovo (Vukovar, Croatia) Dr. Irena Đokić, The Institute of Economics, Croatia | |
| 10:40 | Awareness raising for soil and necessarily for Remediation within the GREENLAND project Wolfgang Friesl-Hanl, AIT Austrian Institute of Technology GmbH, Austria | |
| 11:10 | EXTENDED COFFEE BREAK | |
| | Best practice – lessons learnt“ | |
| 11:40-13:10 | | SPECIAL SESSION „Land information services für sustainable cities“ Project „URBIS“ (www.ict-urbis.eu) |
| 12:10 | BALANCE 4P: Integrating urban planning and the remediation sector for sustainable brownfield regeneration – experience from cases Jenny Norrman, Chalmers University of Technology, Sweden | |
| 12:40 | Brownfield redevelopment in Flanders: 5 years of transversal policy and integrated area development Koen Miseur, Enterprise Flanders, Belgium | |
| 13:10 | 20 Years of Remediation of Inhabited Contaminated Sites in Hesse -Lessons Learned Christian Weingran, HIM GmbH, Germany | |
| 13:40 | Feasibility of phytoextraction with improved tobacco and sunflower for the remediation of soluble zinc & cadmium top soil contamination - Results of a five and one year field scale experiment in Switzerland Rolf Herzig, Phytotech Foundation & AGB, Switzerland | |
| 14:10 | Conclusions & Farewell | |
| 15:10 | End of conference | |

» CALL FOR POSTERS

We ask for poster abstracts related to the 4 key topics of the conference:

- A. **Integrated urban land management and policies**
- B. **Economic, social and environmental instruments for land use management**
- C. **Innovative technologies and management tools for land revitalization**
- D. **Best practice and case studies**

The text of maximum one page, including figures, should explicitly state the objectives, new results and the conclusions or significance of the work.

Please use the abstract template that is available from www.zerobrownfields.eu/CABERNET2014.

Please send your abstract to Ms. Katja Wendler (wendler@dechema.de).

Deadline for submission of your poster abstract is 30th September 2014.

» REGISTRATION

Deadline for registration is 30th September 2014.

PARTICIPATION FEE:

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|--|-------|
| Conference participation (includes coffee and lunch breaks) | |
| for external participants | 140 € |
| for Advisory Board members and project partners of the EU projects GLOCOM, Greenland, HOMBRE and TIMBRE: | free |
| Conference Dinner (15.10.2014) | |
| for external participants and project partners of the EU projects GLOCOM, Greenland, HOMBRE and TIMBRE: | 80 € |
| for Advisory Board members of the EU projects Greenland, HOMBRE and TIMBRE: | free |

External participants: Please register online via https://ssl.dechema.de/CABERNET2014_Registration.html

Project Partners and Advisory Board members of the EU projects GLOCOM, Greenland, HOMBRE and TIMBRE:

To register please use the *registration form* available from www.zerobrownfields.eu/CABERNET2014.

» CANCELLATION OF PARTICIPATION

If a booking is cancelled before **22nd September 2014**, the participation fee is reimbursed less an administrative fee of 30 €. If cancellation is made at a later date, the participant is charged 80% of the participation fee. Cancellations are only accepted in writing (i.e. by fax or e-mail). The relevant cancellation date is the date of receipt.

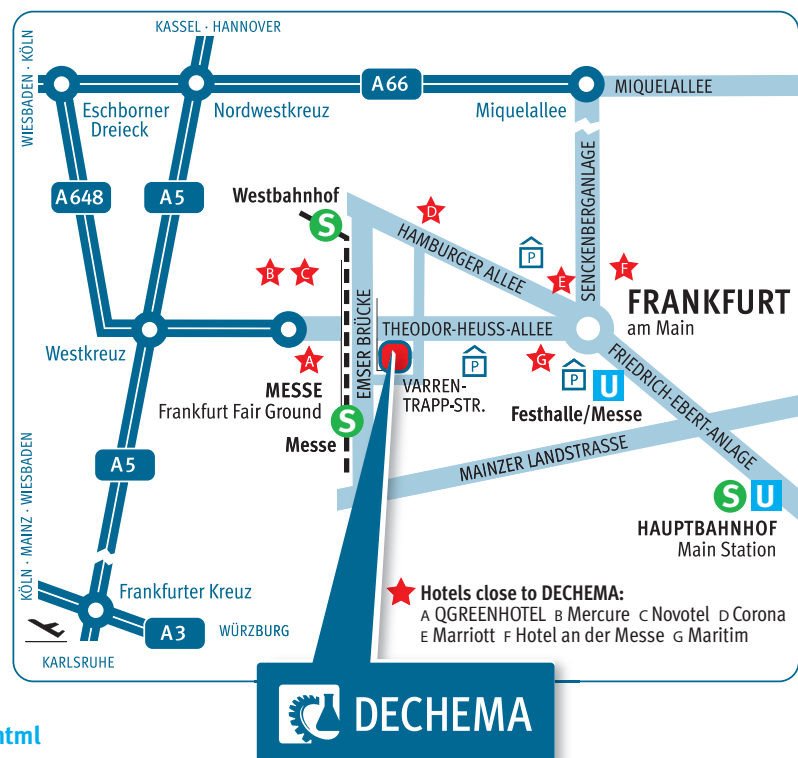
If a participant does not come to the conference or leaves before its end, the full attendance fee remains payable.

» KEY DATES

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|---------------------------------------|---|
| 5th September 2014 | Submission of the full text of the paper (to be included in the conference proceedings) |
| 18th September 2014 | 3 rd Announcement |
| 30th September 2014 | Deadline for registration and for the submission of poster abstracts |

» VENUE

DECHEMA e.V.
Theodor-Heuss-Allee 25
60486 Frankfurt am Main
Germany



Please see www.dechema.de/en/directions.html

» ACCOMMODATION

QGreenhotel by Meliá

Katharinenkreisel (Opelrondell)
60486 Frankfurt am Main
Phone: +49 (0)69 70730-0
Fax: +49 (0)69 70730-333
E-Mail: reservierung.qgreen.frankfurt@melia.com

EUR 88,00 (incl. VAT) per night for a single room
incl. breakfast.

Reservations at “QGREENHOTEL BY MELIÁ Frankfurt”
should be directly made before **September 15, 2014**
using the following link for booking:

<http://meetings.melia.com/en/Cabernet2014.html>

Mercure Hotel & Residenz Frankfurt Messe

Voltastrasse 29
60486 Frankfurt am Main
Phone: +49 (0)69 7926-0
Fax: +49 (0)69 7926-1606
E-Mail: h1204-re3@accor.com

EUR 97,32 (incl. VAT) per night for a single room
incl. breakfast.

Reservations at “Mercure Hotel & Residenz Frankfurt
Messe” should be directly made with the keyword
“**CABERNET 2014**” before **September 1, 2014**.

Reservations are binding. Charge for rooms which are not used, or cancelled too late, must be paid by the participant.

» ORGANISATION & CONTACT

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