



[www.cabernet.org.uk](http://www.cabernet.org.uk)

[www.dais.unive.it/~glocom](http://www.dais.unive.it/~glocom)

[www.greenland-project.eu](http://www.greenland-project.eu)

[www.timbre-project.eu](http://www.timbre-project.eu)

[www.zerobrownfields.eu](http://www.zerobrownfields.eu)

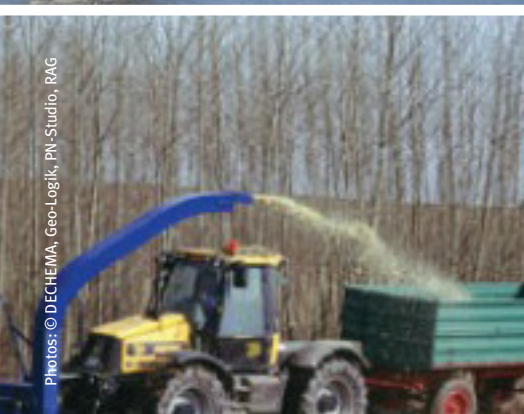
## CONFERENCE PROGRAMME

# CABERNET 2014: Tailored & Sustainable Redevelopment towards Zero Brownfields

### 4<sup>th</sup> 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”

14<sup>th</sup> – 16<sup>th</sup> October 2014 · Frankfurt am Main · Germany



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## Tuesday, 14<sup>th</sup> October 2014

09:30	REGISTRATION	
10:50	<b>OPENING</b> Hans van Duijne, Deltares, The Netherlands Paul Nathanail, University of Nottingham, UK  <i>Chair: Paul Nathanail, University of Nottingham, UK</i>	
11:15-11:55	<b>KEYNOTE LECTURE</b> <b>Integrated urban policies and land management</b> Didier Vancutsem, URBACT, EU	
	<b>Policy approaches to brownfield regeneration challenges</b>  <i>Chair: Matthew Ashmore, University of Nottingham, UK</i>	<b>Gentle soil remediation options 1</b>  <i>Chair: Andrew Cundy, University of Brighton, UK</i>
12:00	<b>Value creation by connecting societal challenges with land management</b> Margot de Cleen, Ministry of Infrastructure and the Environment, The Netherlands	<b>Phytoremediation of trace element-contaminated soils in Europe – option appraisal based on long-term field experiments</b> Markus Puschenreiter, University of Natural Resources and Life Sciences Vienna, Austria
12:30	<b>Tradable planning permits for land use control – A Policy approach for less greenfield development and more brownfield regeneration?</b> Detlef Grimski, Federal Environment Agency, Germany	<b>Gentle Remediation Options for the management of largescale contaminated agricultural sites in Saxony, Germany</b> Silke Neu, Saxon State Office for Environment, Agriculture and Geology, Germany
13:00	<b>The EU Guidelines on Environmental and Energy State aid for 2014-2020 and the Remediation of Contaminated Sites</b> Joachim Sanden, Ministry of Urban Development and Environment of the Free and Hanseatic City of Hamburg, Germany	<b>Microbial community structure and activity in trace element-contaminated soils (phyto)managed by Gentle Remediation Options (GRO)</b> Maria Touceda-González, AIT Austrian Institute of Technology GmbH, Austria
13:30	LUNCH	LUNCH
	<b>Solutions to bring state-of-the-art knowledge and information into application</b>  <i>Chair: Stephan Bartke, UFZ, Germany</i>	<b>Gentle soil remediation options 2</b>  <i>Chair: Markus Puschenreiter; University of Natural Resources and Life Sciences Vienna, Austria</i>
14:30	<b>Brownfield regeneration in a circular economy</b> Jaap Tuinstra, Soil Protection Technical Committee, The Netherlands	<b>Field demonstrations of Gentle (Phyto)Remediation Options in the EU FP7 GREENLAND network of trace element-contaminated sites</b> Michel Mench, INRA – University of Bordeaux, France
15:00	<b>The Brownfield Navigator</b> Linda Maring, Deltares, The Netherlands	<b>Deployment of aided phytostabilisation at field scale: set up and monitoring lessons</b> Valérie Bert, INERIS, France
15:30	<b>Timbre Information System for the provision of tailored and customized information on brownfield regeneration according to users' requirements</b> Lisa Pizzol, University Ca' Foscari Venice, Italy	<b>Processing of plant biomass harvested at trace element-contaminated sites managed by gentle (phyto)remediation options</b> Valérie Bert, INERIS, France
16:00	COFFEE BREAK	COFFEE BREAK
	<b>Approaches to regeneration and evaluation of their sustainability</b>  <i>Chair: Uwe Ferber, Projektgruppe Stadt + Entwicklung, Germany</i>	<b>Gentle soil remediation options 3</b>  <i>Chair: Markus Puschenreiter; University of Natural Resources and Life Sciences Vienna, Austria</i>
16:30	<b>Conceptual site or project models for sustainability assessment and overall value</b> Pierre Menger, Tecnalia, Spain	<b>Developing a practical decision support tool (DST) for the application of gentle remediation options</b> Andrew Cundy, University of Brighton, UK
17:00	<b>Biomass production on brownfields</b> Karl Eckert, Projektgruppe Stadt + Entwicklung, Germany	<b>Testing novel combinations of amendments for stabilization of metals in heavily contaminated soils</b> Grzegorz Siebielec, Institute of Soil Science and Plant Cultivation (IUNG), Poland
17:30	End Day 1	
18:00	Get together/ Poster Party	

## Wednesday, 15<sup>th</sup> October 2014

08:00	REGISTRATION	
	<i>Chair: Thomas Track, DECHEMA e.V., Germany</i>	
08:55 - 09:35	<b>KEYNOTE LECTURE</b> <b>Soil Remediation and Land Management – a Win-Win Situation</b> Harald Burmeier, ITVA/Germany	
	<b>Decision support tools on technologies for land revitalization</b>	<b>Brownfields ahead?! – Early Brownfield Indicators</b>
	<i>Chair: Linda Maring, Deltares, The Netherlands</i>	
09:40	<b>Tool-assisted design and comparative evaluation of sustainable land use alternatives for brownfield redevelopment</b> Michael Finkel, University of Tuebingen, Germany	<b>Early Warning indicators brownfield regeneration: tipping points ahead?</b> Gerald Jan Ellen, Deltares, The Netherlands
10:10	<b>Soft re-use of Brownfields: decision support and opportunity matrix</b> Victor Beumer, Deltares, The Netherlands	<b>Use of social and economic indicators for the selection of sustainable site remediation options</b> Valérie Cappuyns, KU Leuven, Belgium
10:40	<b>GIS-based Identification of Infill Development Potentials on the Basis of Topographic and Cadastral Databases – Prospects and Limits</b> Robert Hecht, Leibniz Institute of Ecological Urban and Regional Development, Dresden, Germany	<b>Towards the anticipation of brownfield emergence?</b> Elsa Limasset, BRGM, France
11:10	COFFEE BREAK	
	<b>Emerging strategies and technologies for effective remediation 1</b>	<b>Real world challenges and pilot cases for brownfield regeneration</b>
	<i>Chair: Tim Grotenhuis, University of Wageningen, The Netherlands</i>	
11:40	<b>HOMBRE technology trains: smoothening the transition of brownfields to new uses?</b> Martijn Smit, Wageningen University, the Netherlands	<b>Solec Kujawski (Poland) – HOMBRE philosophy around local brownfield regeneration project</b> Wojciech Irmanski, Geo-Logik, Poland
12:10	<b>Technology train for reusing excavated material in a Brownfield regeneration context</b> Renato Baciocchi, University of Rome “Tor Vergata”, Italy	<b>The brownfield city: Famagusta, Cyprus</b> Paul Nathanail, University of Nottingham
12:40	<b>Integrated strategies for Brownfield regeneration: treatment of subsoil and alkaline residues by the combined EcogROUT-carbonation process</b> Wouter van der Star, Deltares, The Netherlands	<b>Assessing the socio-economic benefits of turning brownfields into green/blue spaces: a case study for Eindhoven and Copenhagen</b> Peter Cornelis Roebeling, CESAM – Department of Environment and Planning, University of Aveiro, Portugal
13:10	LUNCH	
	<i>Chair: Hans van Duijne, Deltares, The Netherlands</i>	
14:05 - 14:45	<b>KEYNOTE LECTURE</b> <b>A Local Perspective on Unlocking Innovative Transatlantic Cooperation</b> Dale Medearis, Northern Virginia Regional Commission/USA	
	<b>Emerging strategies and technologies for effective remediation“ 2</b>	<b>Prioritization and communication approaches</b>
	<i>Chair: Renato Baciocchi, University of Rome „Tor Vergata“, Italy</i>	
14:50	<b>In situ remediation of Pb/Zn mining and processing impacted sites</b> Wolfgang Friesl-Hanl, AIT Austrian Institute of Technology GmbH, Austria	<b>Specifics of brownfields prioritization in large municipalities (case study area Brno)</b> Petr Klusáček, Institute of Geonics, Czech Republic
15:20	<b>A Novel Remediation Approach for POPs Contaminated Solids Using Carbonaceous Materials</b> Long Zhao, Chinese Research Academy of Environmental Sciences, China	<b>Communication-Based Approach to Improvement of Old Industrial and Commercial Areas</b> Anja Batke, Beate Huf, Regionalverband FrankfurtRheinMain, Germany
15:50	COFFEE BREAK	
	<b>Tools and technologies to foster land revitalization</b>	<b>Sustainable urban land management</b>
	<i>Chair: Renato Baciocchi, University of Rome „Tor Vergata“, Italy</i>	
16:20	<b>Biochars for mitigation organic contaminants in soil</b> Lisa Lundin, Umeå University, Sweden	<b>Urban planning and design with the subsoil system</b> Fransje Hooimeijer, TU Delft, The Netherlands
16:50	<b>Immobilization of Metals using Biochar and Green Waste Compost to Aid Biomass Production on a Contaminated Site</b> Sarah Jones, r3 environmental technology ltd, UK	<b>Brownfields and Gap Sites as Potential for Sustainable Urban Development – A Survey of German Cities and Towns</b> Andreas Blum, Leibniz Institute of Ecological Urban and Regional Development, Germany
17:20	<b>How to engage towards an effective and sustainable redevelopment of large and complex brownfield sites</b> Pascale Michel, BRGM, France	<b>Efficient Organisational Structures for the Management of Land Resources</b> Uwe Ferber Projektgruppe Stadt + Entwicklung, Germany
17:50	End Day 2	
19:30	Conference Dinner	

## Thursday, 16<sup>th</sup> October 2014

08:00	REGISTRATION	
	<i>Chair: Detlef Grimski, Federal Environment Agency, Germany</i>	
09:00	<b>KEYNOTE LECTURE</b> <b>Re-use of land: possibilities, decision making and stakeholders</b> Paul Bardos, r3/UK	
	<b>Tools and methods for decision making and awareness raising</b> <i>Chair: Lisa Pizzol, University Ca' Foscari Venice, Italy</i>	
09:40	<b>The HOMBRE BR2 tool for understanding urban systems</b> Matthew Ashmore, University of Nottingham, UK	
10:10	<b>Acting Sustainably: Redevelopment Scenarios for Borovo (Vukovar, Croatia)</b> Irena Đokić, The Institute of Economics, Croatia	
10:40	<b>Awareness raising for soil and necessarily for Remediation within the GREENLAND project</b> Wolfgang Friesl-Hanl, AIT Austrian Institute of Technology GmbH, Austria	10:40
11:10	EXTENDED COFFEE BREAK	11:10
	<b>Best practice – lessons learnt</b> <i>Chair: Paul Bardos, r3, UK</i>	11:40-13:10
12:10	<b>BALANCE 4P: Integrating urban planning and the remediation sector for sustainable brownfield regeneration – experience from cases</b> Jenny Norrman, Chalmers University of Technology, Sweden	<b>SPECIAL SESSION</b> <b>“SoilBizz – A project idea for regional and local authorities to have contaminated industrial area regenerated”</b>
12:40	<b>Brownfield redevelopment in Flanders: 5 years of transversal policy and integrated area development</b> Koen Miseur, Enterprise Flanders, Belgium	<b>SPECIAL SESSION</b> <b>“Land information services für sustainable cities”</b> Project „URBIS“ ( <a href="http://www.ict-urbis.eu">www.ict-urbis.eu</a> )
13:10	<b>20 Years of Remediation of Inhabited Contaminated Sites in Hesse -Lessons Learned</b> Christian Weingran, HIM GmbH, Germany	
13:40	<b>Feasibility of phytoextraction with improved tobacco and sunflower for the remediation of soluble zinc &amp; cadmium top soil contamination – Results of a five and one year field scale experiment in Switzerland</b> Rolf Herzig, Phytotech Foundation & AGB, Switzerland	
14:10	<b>Towards Urban Land management 2065 – key take home messages and next steps</b> Hans van Duijne, Deltares, The Netherlands Paul Nathanail, University of Nottingham, UK	
15:10	End of conference	