Brownfield Land Wales

Regulatory updates and practical solutions for improved remediation, regeneration and environmental management

About this event

Brownfield Briefing is coming to Cardiff. Recognising the differences in planning and environmental law in Wales and some of the key remediation challenges due to the local landscape and industrial heritage, this Brownfield Briefing conference will also address a wide range of key issues and recent developments in contaminated land investigation, remediation and redevelopment.

Get first-hand insight into:

- Conducting optimal risk assessments to develop and communicate appropriate remediation strategies
- Using sampling data and computer modelling effectively in site investigation and risk assessment
- A case-study approach to the development of former mining sites and associated considerations
- Site selection and evaluation of brownfield land for potential redevelopment into green space
- Exploiting emerging geospatial and geotechnical techniques in site investigation
- First hand analysis of the Powys landfill site decision and its implications
- Project reports on current major brownfield developments across Wales
- Selection of remediation solutions - options appraisal, latest technologies and best practice
- The latest changes and future outlook in planning and environmental law
- Current thinking around former heavy industry and previously polluted land

Why attend?

Expert speakers
All speakers are hand picked to provide a balanced view of the issues at hand - predominantly based in the region and all prepared to share new insight and guidance to manage risk and remediation and make the right planning and development decisions.

Current thinking
Designed by you, for you, the conference programme has been written following in-depth research with environmental health and contaminated land specialists, risk assessors, planners, consultants and stakeholders from across Wales and the west of England.

Case studies
Get insight into hands-on experience through case studies that provide real-life examples of technical matters, practical considerations and best practices that you can apply to your own brownfield work.

Cost & Time Effective Format
Benefit from one immersive, topical day designed to highlight key issues and impart practical advice and guidance.

Networking
Meet fellow senior professionals, service providers and clients to share knowledge and expand your professional network.

Who should attend?

- Local Authority Contaminated Land, Regeneration & Planning Officers
- Site Investigation and Remediation Professionals
- Property & Planning Consultants
- Land Quality Managers
- Regeneration and Development Directors
- Developers & Land Owners
- Technical Directors
- Environmental and Geo-environmental Consultants
- Legal Advisers

+44 (01743 818 008  orders@environment-analyst.com  www.brownfieldbriefing.com/wales-2017
Brownfield Land Wales

Regulatory updates and practical solutions for improved remediation, regeneration and environmental management

Cardiff, 30 November 2017

9.00 Registration and coffee

9.30 Opening Remarks from Conference Chair
Christine Mardle, Remediation Manager, Hydrock

9.40 Regulatory and Legal Update: Detailing the Current Regulatory Outlook and Approach to Brownfield Land in Wales
- Developments in the planning and regulatory regime
- Funding and investment trends
- Outlook in the medium term
Stephen Morris, Partner, Real Estate, Acuity Legal

10.10 Brownfield Land Use and Availability: Review of Current Trends, Divestments and Changes
- Exploring current attitudes to brownfield land and key development barriers
- Assessing the impact of Brexit and financing hurdles
- Understanding current thinking on the role of brownfield land in future planning considerations
- Brownfield land in relation to local development planning – how are different regions and councils differing in outlook?
- Ownership issues, availability and finance – what are the medium-to long-term strategic land opportunities?

10.40 Case Study: Urban Regeneration Scheme
This is Porth Teigr: Gain first-hand insight into the development of this 38 acre mixed-use development.
Mark is responsible for igloo’s direct developments in Wales and the South West and currently leading the Porth Teigr project, igloo’s joint venture with the Welsh Government for the regeneration of Roath Basin in Cardiff Bay. As one of the most important waterfront developments in the UK this case study will cover key areas including site choice, purported economic benefits and local consultation.

11.05 Morning refreshments and networking

11.30 Infrastructure Development & Site Selection: Current Thinking on Contaminated Land
- Current thinking on developing infrastructure in and around brownfield land
- Key consideration for site selection and economic considerations
- Benefits assessment around regeneration and site selection
Charlie Martin, Senior Scientist, ARUP Wales

12.00 Case Study: Contaminated Land: Liability in Light of Powys
Get a walk-through the recent Powys County Council decision in relation to liability for contaminated land. What does this mean for landowner liability and brownfield development?
Aidan Thomas, Partner, Planning & Environment, Berwin Leighton Paisner

12.25 Emerging Contaminants: Update on Poly- and Per-fluoroalkyl Substances (PFAS)
Poly- and per-fluorinated chemicals (PFAS) are manufactured compounds used in a variety of industries (such as aerospace, automotive, textiles, and electronics), and can also be found in some food packaging and firefighting materials. Over the last decade, PFAS have been gaining increased attention from the environmental regulators and stakeholder communities as emerging contaminants, due to their persistence in the environment and potential risk to exposed human and ecological receptors. Environmental testing has identified their presence in environmental media well beyond the points of manufacturing, as well as food products.

Get the latest information on changes in position on toxicity and acceptable drinking water levels. Coverage will also be given on the emerging contaminants at source and in drinking water supply as well as oversight on suitable remediation technologies.
Dr Phil Studds, Director, Ramboll Environ

12.55 Q&A

13.10 Lunch

14:00 Contaminated Land Solutions from Mine Water Treatment By-Products
For years rivers ran orange through uncontrolled discharges of mine water. Removing this hydrous ferric oxide (HFO) from mine water has not only resulted in the clean-up of over 400km of rivers in the UK, but also provides valuable by-products that can be used for treatment of contaminated land. HFO has multiple sorption sites for removal of both cations and anions. The Coal Authority has for years used this for phosphate removal from wastewater treatment but in recent years has looked at other options for this by-product. This presentation provides insight as to: innovation in mine legacy management; how mine water HFO has and can be used for treatment to stabilise and retain arsenic contaminated soils on site through absorption; and future opportunities and development of HFO as adsorption media for contaminated land.
Peter Thorn, Principal Innovation Technical Manager, Coal Authority
Brownfield Land Wales
Regulatory updates and practical solutions for improved remediation, regeneration and environmental management

14.25 Resource recovery from brownfield – can pollution pay its way?
- Sustainable remediation – brownfield sites as a valuable resource
- Resource recovery from waste storage and disposal sites in the geoenvironment
- Can offsetting costs through resource recovery make tackling orphan sites viable?
- Low intensity, low cost remedial systems – working with natural processes
- In-situ remediation and recovery in heterogeneous systems

Dr Michael Harbottle, Senior Lecturer in Geoenvironmental Engineering, Cardiff University School of Engineering

14.50 The Development of a Wales based Work Programme delivering Metal Mine Remedial Measures
- Legacy, Strategy, Scoping & Assessment
- Implementation of Intervention Measures & R&D thus far
- Coal Authority High Level Review
- Aspirations going forward include Mine Hazard Assessment, Surface Water Management & Metal Mine Water Treatment Systems.

Peter Stanley, Geotechnical Engineer, Natural Resources Wales

15.15 Afternoon refreshments and networking

15.35 Remediation: Review of New Applied Technologies and Best Practice Strategy
- Using options appraisals to select the best technology and balance the cost/benefits of clean-up
- Appraising sustainability of options against factors including site conditions, likelihood of eliminating contaminants and timeframes
- Processes of natural attenuation
- Sustainable reuse of materials
- Emerging applied technologies for contaminated soil and water treatment and waste management capabilities

Daymion Jenkins, Regional Director UK South, Ground Risk & Remediation, WSP

16.05 Remediation in Practice: Chemical Remediation Case Study
- Appraising your clean-up options
- Bioremediation developments around clean-up of heavy-chemical sites in wales
- Using chemical oxidation and dual-phase extraction
- Site case study

Steve Edgar, Director VertaseFl

16.30 Environmental Risk & Liability Outlook 2018
- Legal changes and cases on the horizon
- How to increase protection for your brownfield and development projects
- Update on the Environment (Wales) Act and shifting legal requirements

Anthony Vines, Barrister & Mediator, Civitas

16.50 End of Day Q&A

17.30 Closing Remarks from Chairman
and Close of Conference
Brownfield Land Wales
Regulatory updates and practical solutions for improved remediation, regeneration and environmental management

Delegat Rates

<table>
<thead>
<tr>
<th>Three ways to register</th>
<th>Event times</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://www.brownfieldbriefing.com/wales-2017">www.brownfieldbriefing.com/wales-2017</a></td>
<td>Thursday 30 November</td>
</tr>
<tr>
<td><a href="mailto:orders@environment-analyst.com">orders@environment-analyst.com</a></td>
<td></td>
</tr>
<tr>
<td>+44 (0)1743 818 008</td>
<td></td>
</tr>
</tbody>
</table>

Event times

Location

Jurys Inn Cardiff, 1 Park Pl, Cardiff, CF10 3UD

Social media

Talk about this event on twitter #BBWales17

Supported by:

Exhibitors:

- cordek
- Landmark
- Ramboll
- Environ
- Shawcity
- The Institution of Environmental Sciences
- British Drilling Association
- EIC

NB - All listed prices exclude VAT at 20%