



Brownfield and Contaminated Land, Belfast 2019

About this event

We're pleased to confirm that our annual **Brownfield and Contaminated Land** conference will be returning to **Belfast** on **1st May**, and once again bring you the latest information necessary to combat your risk assessment and remediation challenges.

With new innovative techniques and practical strategies, to ensure you can deliver effective brownfield development within revised planning and policy frameworks in the Republic of Ireland and Northern Ireland, this conference is one not to miss.

Key topics to be discussed include:

- Outlining the current regulatory framework and any recent or forthcoming revisions to contaminated land and groundwater guidance
- Managing brownfield land as part of local development planning
- Practical techniques for improved data management, visualisation and presentation to better inform a risk assessment
- Managing the legacy of historic landfill sites for potential development
- Clarifying current waste licensing, permitting and management procedures and the re-use of soils
- Regional remediation case studies

Why attend?

Expert panel

This event brings together a mix of regulators, practitioners and consultants to review and discuss key policies and practical solutions to a variety of risk assessment and remediation issues.

Case studies

Learn from hands-on experience in a series of case studies which will provide technical guidance and practical frameworks, and come away with best practices that you can apply immediately within your organisation.

Time efficiency and focus

Remove yourself from day to day distractions and benefit from a series of focused presentations, designed to tackle key issues and impart practical advice and guidance.

Q&A panel discussions

In addition to expert-led presentations, there will also be a number of Q&A discussion sessions throughout the day, giving you the opportunity to address your specific questions and challenges and share your opinions with others.

Networking

Meet and mingle with senior professionals in your sector and make the most of this invaluable networking and knowledge-sharing opportunity.

9.00 Registration and Refreshments

9.30 Opening Remarks from the Chair

Owen Williams, Senior Environmental Adviser, Brownfield Development Services

The Role & Viability of Brownfield Land in Development

9.35 Northern Ireland: Managing Brownfield Land as Part of Local Development Planning

- Outlining our approach to Local Development Planning and how brownfield and contaminated land will be managed as part of this:
 - identifying the key challenges and possible solutions to overcome them
- Exploring how the process from site investigation to remediation to redevelopment could be simplified and accelerated:
 - improving the availability of information on former land-use and vacant land
 - improving confidence in risk-assessment and verification reports when signing-off planning consents
 - detailing what other information / action is needed to facilitate this process
- Collaborating with communities and stakeholders to achieve effective brownfield remediation and development

10.00 Republic of Ireland: Examining the New National Planning Policy Framework and Implications for Brownfield Land Development

- Assessing how implementation of the framework is progressing and what the buy-in is from Local Authorities
- Examining the key changes to the new National Planning Framework that affect brownfield land development and their implications:
 - viability assessments in planning applications
- Outlining the role of the Land Development Agency in redeveloping under-used sites and achieving housing targets
- Examining how Local Authorities are identifying and prioritising brownfield land for development

10.25 Guidance for the Development of Small Brownfield & Contaminated Sites

There are many challenges that can be faced when developing small brownfield sites. As well as dealing with contaminated land, technical, financial, programme and planning issues all need to be considered. This presentation will detail guidance contained within a recent CIRIA publication as to what is typically required during each stage of the development process, from pre-acquisition through to project close-out, taking into consideration the potential issues that might be faced when dealing with a small brownfield site.

Hannah Fraser, Director, H Fraser Consulting Ltd

10.45 Q&A

11.00 Morning Refreshments & Networking

Regulatory & Policy Updates

11.25 Outlining the Current Regulatory Framework and any Recent or Forthcoming Revisions to Contaminated Land & Groundwater Guidance

- Update on the assessment of the risks to Northern Ireland of not having a contaminated land regime
- Examining the current status and likely timescales for the implementation and enforcement of Part III of the Waste and Contaminated Land (Northern Ireland) Order 1997

- Detailing the forthcoming regulations for hazardous and non-hazardous substances in groundwater and permitted sites

Contaminated Land Investigation

12.05 Examining the Development of an All-Ireland Approach to the Investigation, Analysis & Assessment of Asbestos in Soil

The Ireland Brownfield Network (IBN) has produced a guidance document to support an all-Ireland approach for the investigation, assessment, and management of asbestos in soils, and the subsequent management of identified risks.

The document references existing legislation and industry-led guidance, as well as examples of best practice. The aim of this document is to provide a guide explaining the legal requirements with regards to asbestos and identify appropriate mitigation measures to support the safe management and development of brownfield land.

Speaker to be confirmed, Ireland Brownfield Network

12.35 Practical Techniques for Improved Data Management, Visualisation & Presentation to Better Inform a Risk Assessment

- Optimising new technologies available for data collection to get a better understanding of a site and improve your CSM
- Using GIS to add value to your desk study and SI data to give a better visualisation and understanding of the site and inform the remedial strategy

13.05 Networking Lunch

14.00 Managing the Legacy of Historic Landfill Sites for Potential Development

Ground-Gas: Assessing & Managing the Risks from Landfill Gases

- Understanding the potential risks from different gases at different points in the landfill excavation and remediation process
- Best practice landfill gas monitoring techniques
- Assessing the parameters to be considered in the risk assessment:
 - managing uncertainties in modelling these risks

Groundwater: Managing the Risks to Groundwater

- Assessing the levels of risk to groundwater posed by landfill leachate:
 - what is the life-span for specific contaminants?
 - identifying any likely peaks and reductions in risk
 - assessing the behaviour of the plume over time
 - measuring the likely ingress of leachate onto sites adjacent to landfills
- Better understanding leachate testing techniques and how this can be used effectively for groundwater contamination risk assessment

14.30 Case Study: Kerdiffstown Landfill Remediation Project

14.55 Q&A

Cost-Effective & Compliant Waste Management

15.05 Clarifying Current Waste Licensing, Permitting & Management Procedures and the Re-Use of Soils

Northern Ireland:

- Examining current waste sampling, definition and classification procedures
- Clarifying waste authorisation requirements for brownfield developments and the Regulator's view on:
 - the movement and use of soils between sites
 - what can be re-used where
 - effective tracking of waste and duty of care
- Assessing the impact of recent changes to landfill tax legislation and strategies for managing this in a cost-effective and compliant manner

Republic of Ireland:

- Understanding the appropriate classification of materials – when is a waste not a waste?
- Clarifying Article 27 of the *European Communities (Waste Directive) Regulations 2011* and examining its effective application

15.35 Afternoon Refreshments & Networking

Regional Remediation Case Studies

16.00 This session will include regional case studies of innovative remediation technologies and regeneration projects.

16.40 Q&A

16.50 Closing Remarks from the Chair and Close of Conference