

Transnational training needs for sustainable brownfield remediation

Fields marked with * are mandatory.



Please add any comments and wishes for the transnational training seminar here

*Name

*Email

What format of trainings do you prefer?

- presentation of general knowledge
- presentation of case studies
- discussions with experts
- workshops
- best practice examples

What sites do you deal with?

- small size brownfield
- medium size brownfield
- large size brownfield
- contaminated brownfield
- private ownership
- public ownership
- mixed ownership

Would you like to gain knowledge about many subjects or rather concentrate on one specific issue?

- general knowledge
- specific issues

What aspects of brownfield remediation is the most challenging for you?

- estimation of costs
- remediation concept
- legal obligations, permits
- funding opportunities and optimisation of costs
- investigation
- data availability
- coopeartion with public bodies
- cooperation with owners
- impact of contamination for nearby areas
- remediation techniques
- monitoring

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Train technologies/combined remedies according to different contamination (e. g. metals, hydrocarbons, etc).

What kind of sustainable remediation methods would you like to know?

- green remediation
- direct push well technology
- remediation process optimisation
- performance based environment management
- project risk management
- life cycle costs analysis

Comments

Would you like to know about brownfield information sources, experts pool, networks of cooperation?

- yes
- no

Who might be the most suitable trainer?

- universities teachers
- practitioners from public entities or environmental bodies
- practitioners from services providers
- remediation experts

If you know potential experts for training please write name and surname and institution

What kind of remediation phase is the most interesting for you?

- planning: concept evaluation, sustainable remediation concept, stakeholder involvement
- investigation
- remedy options, selection of remedy methods, remedy design, remedy construction,
- operation and maintenance
- monitoring, optimisation and closeup

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Remediation technologies in detail with successful case studies.

What kind of remediation technologies would be the most interesting for you?

- monitored natural attenuation
- permeable reactive barriers
- air sparging/soil vapour extraction
- ex situ bioremediation
- stabilisation/solidification
- chemical oxidation
- in situ bioremediation
- soil washing
- thermal desorption
- other

Please list other technologies

Capping.

What is the field of your work?

- education and research
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Background Documents

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Stefan Kacuba

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stefan.kacuba@portauthority.hr

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Marta Popova, Claudia Neculau, SPAQUE Belgium

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any successful method for heavy metal (Pb, Zn, Cd,...) pollution
(concentrations over 20 mg/kg soil of Cd for example)

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bundling of smaller areas to larger sites

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holistic approach for remediation - usage - exploitation / usage (the future use determines the remediation measures)

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