Date: 24/02/2017 14:59:14

Transnational training needs for sustainable brownfield remediation



Resites European Regional Development Fund
Please add any comments and wishes for the transnational training seminar here
*Name
Erika Rizzo
*Email
erika.rizzo@port.venice.it
What format of trainings do you prefere?
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
Please list other
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
ono no
Who might be the most suitable trainer?
universities teachers
practitioners from public entities or environemental bodies
practitioners from services prividers
✓ 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 involvmentinvestigation
remedy options, selection of remedy methods, remedy design, remedy construction,
operation and maintenace
monitoring, optimisation and closeup
monitoring, optimisation and closeup
monitoring, optimisation and closeup Please write about any other step that would be worth to include in the training
Please write about any other step that would be worth to include in the training Remediation technologies in detail with successfull case studies.
Please write about any other step that would be worth to include in the training Remediation technologies in detail with successfull case studies. What kind of remediation technologies would be the most intersting for you?
Please write about any other step that would be worth to include in the training Remediation technologies in detail with successfull case studies. What kind of remediation technologies would be the most intersting for you? monitored natural attenuation
Please write about any other step that would be worth to include in the training Remediation technologies in detail with successfull case studies. What kind of remediation technologies would be the most intersting for you? monitored natural attenuation permeable reactive barriers
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	education and research
	remediation
	monitoring
	management
	owner of contaminated site
V	public authority dealing with brownfields
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Contact	
h.lewandov	wska@um.bydgoszcz.pl

Date: 23/02/2017 13:06:34

Transnational training needs for sustainable brownfield remediation

Fields marked with * are mandatory.



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*Name

Michele Vernier

*Email

michele.vernier@comune.venezia.it

What format of trainings do you prefere?

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

small size brownfield
medium size brownfield
Iarge 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
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estimation of costs
remediation concept
legal obligations, permits
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data availability
coopeartion with public bodies
cooperation with owners
impact of contamination for nearby areas
remediation techniques
monitoring
Please list other
What kind of a catainable varied inting mathed a consult you like to know?
What kind of sustainable remediation methods would you like to know?
green remediation
direct push well technology remediation process optimisation
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performance based environment management
project risk management
life cycle costs analysis
Comments
Outilitients

yes
no no no no no no no no no no no no no no no no no no no no no no no no no no no no no no
Who might be the most suitable trainer?
✓ universities teachers
☑ practitioners from public entities or environemtntal bodies
 practitioners from services prividers remediation experts
✓ remediation experts
If you know potential experts for training please write name and surname and institution
If you know potential experts for training please write harne and surname and institution
What kind of remediation phase is the most interesting for you?
planning: concept evaluation, sustainable remediation concept, stakeholder involvment
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What kind of remediation technologies would be the most intersting for you? I monitored natural attenuation I permeable reactive barriers I air sparging/soil vapour extraction I ex situ bioremediation I stabilisation/solidification
What kind of remediation technologies would be the most intersting for you? I monitored natural attenuation I permeable reactive barriers I air sparging/soil vapour extraction I ex situ bioremediation I stabilisation/solidification I chemical oxidation
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What kind of remediation technologies would be the most intersting for you? I monitored natural attenuation I permeable reactive barriers I air sparging/soil vapour extraction I ex situ bioremediation I stabilisation/solidification I chemical oxidation I in situ bioremediation I soil washing
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What kind of remediation technologies would be the most intersting for you? I monitored natural attenuation I permeable reactive barriers I air sparging/soil vapour extraction I ex situ bioremediation I stabilisation/solidification I chemical oxidation I in situ bioremediation I soil washing I thermal desorption I other

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

	education and research
	remediation
	monitoring
	management
	owner of contaminated site
V	public authority dealing with brownfields
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Contact	
h.lewandov	wska@um.bydgoszcz.pl

Date: 16/02/2017 08:26:36

Transnational training needs for sustainable brownfield remediation



ReSites European Union European Regional Development Fund
Please add any comments and wishes for the transnational training seminar here
*Name
Stefan Kacuba
*Email
stefan.kacuba@portauthority.hr
What format of trainings do you prefere?
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
Please list other
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
Commonto
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 environemental bodies
practitioners from services prividers
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 involvment
investigation
remedy options, selection of remedy methods, remedy design, remedy construction,
peration and maintenace
monitoring, optimisation and closeup
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Please write about any other step that would be worth to include in the training
What kind of remediation technologies would be the most intersting 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

What is the field of your work?
education and research
remediation
monitoring
management
owner of contaminated site
public authority dealing with brownfields
Background Documents
transnational_trainings_in_bydgoszcz_description.docx (/eusurvey/files/446edf47-ffd1-4798-b51d-701a272f5864
Contact
h.lewandowska@um.bydgoszcz.pl

Date: 28/02/2017 18:35:00

Transnational training needs for sustainable brownfield remediation



Development Fund		
Please add any comments and wishes for the transnational training seminar here		
±		
*Name		
Peter Medved		
*Email		
peter.medved@celje.si		
What format of trainings do you prefere?		
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		
Iarge 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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Please list other		
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 environemental bodies □ practitioners from services prividers □ remediation experts
If you know potential experts for training please write name and surname and institution
Marta Popova, Claudia Neculau, SPAQUE Belgium
What kind of remediation phase is the most interesting for you? planning: concept evaluation, sustainable remediation concept, stakeholder involvment investigation remedy options, selection of remedy methods, remedy design, remedy construction, operation and maintenace monitoring, optimisation and closeup
Please write about any other step that would be worth to include in the training
What kind of remediation technologies would be the most intersting 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 whermal desorption other
Please list other technologies
any successful method for heavy metal (Pb, Zn, Cd,) pollution (concentrations over 20 mg/kg soil of Cd for example)

	education and research
	remediation
	monitoring
	management
	owner of contaminated site
V	public authority dealing with brownfields
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Contact	
h.lewandov	wska@um.bydgoszcz.pl

Date: 24/02/2017 14:22:23

Transnational training needs for sustainable brownfield remediation

Fields marked with * are mandatory.



Ple	ease add any comments and wishes for the transnational training seminar here
*Name	
* N	ame
* N	Municipality of Solec Kujawski PP5

*****Email

dotacje@soleckujawski.pl

What format of trainings do you prefere?

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

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
Please list other
What kind of a catainable varied inting mathed a consulation to be 2000
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
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Would you like to know about brownfield information sources, experts pool, networks of cooperation?		
yes		
o no		
Who might be the most suitable trainer?		
universities teachers		
☑ practitioners from public entities or environemthal bodies		
practitioners from services prividers		
✓ 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 involvment		
remedy options, selection of remedy methods, remedy design, remedy construction,		
operation and maintenace		
monitoring, optimisation and closeup		
Please write about any other step that would be worth to include in the training		
What kind of remediation technologies would be the most intersting for you?		
monitored natural attenuation		
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air sparging/soil vapour extractionex situ bioremediation		
stabilisation/solidification		
chemical oxidation		
soil washing		
thermal desorption		
other		
Please list other technologies		
i lease list other technologies		

What is the field of your work?
education and research
remediation
monitoring
management
owner of contaminated site
public authority dealing with brownfields
Background Documents
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Contact
h.lewandowska@um.bydgoszcz.pl

Date: 07/03/2017 10:55:57

Transnational training needs for sustainable brownfield remediation



4	Resites European Union European Regional Development Fund
Plea	se add any comments and wishes for the transnational training seminar here
*Nai	mo
	Fiene Grieger
*Email	
(grieger@isw-institut.de
_	t format of trainings do you prefere? It 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		
Diagon list ather		
Please list other		
bundling of smaller areas to larger sites		
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
o no
Who might be the most suitable trainer?
universities teachers
practitioners from public entities or environemental bodies
practitioners from services prividers
▼ 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 involvment
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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

holistic approach for remediation - usage - exploitation / usage (the future

use determines the remediation measures)

What is	s the field of your work?
V	education and research
	remediation
	monitoring
	management
	owner of contaminated site
	public authority dealing with brownfields
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Contact	
h.lewandov	wska@um.bydgoszcz.pl

Date: 24/02/2017 15:37:58

Transnational training needs for sustainable brownfield remediation



Resites European Regional Development Fund
Please add any comments and wishes for the transnational training seminar here
*Name
Suzana Belošević
*Email
suzana.belosevic@rijeka.hr
What format of trainings do you prefere?
presentation of general knowledge
presentation of case studies
discussions with experts
workshops workshops
best practice examples

 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
Please list other
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? o yes no
Who might be the most suitable trainer? universities teachers practitioners from public entities or environemental bodies practitioners from services prividers remediation experts If you know potential experts for training please write name and surname and institution
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Please list other technologies

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Backgro	und Documents
V	public authority dealing with brownfields
	owner of contaminated site
	management
	monitoring
	remediation
	education and research

h.lewandowska@um.bydgoszcz.pl

Date: 23/02/2017 10:21:22

Transnational training needs for sustainable brownfield remediation

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discussions with experts

best practice examples

workshops



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		Development Fund
Please add any com	ments and w	vishes for the transnational training seminar here
*Name		
marta valente	e	
		
*Email		
marta.valente@c	omune venez	zia it
What format of traini	ngs do you p	orefere?
presentation	of general kr	nowledae
	_	
presentation	of case studi	lles

What sites do you deal with?
small size brownfield
medium size brownfield
Iarge size brownfield
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private ownership
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other
Please list other technologies

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Backgro	und Documents
V	public authority dealing with brownfields
	owner of contaminated site
	management
	monitoring
	remediation
	education and research

h.lewandowska@um.bydgoszcz.pl

Date: 23/02/2017 13:19:03

Transnational training needs for sustainable brownfield remediation

Fields marked with * are mandatory.



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Please add any	v comments.	and wishes	tor the	tranchational	training	seminar	nere
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*Name

Dennis Wellington

*Email

dennis.wellington@comune.venezia.it

What format of trainings do you prefere?

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

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medium size brownfield
Iarge size brownfield
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Would you like to know about brownfield information sources, experts pool, networks of cooperation?
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practitioners from services prividers
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 involvment
investigation
remedy options, selection of remedy methods, remedy design, remedy construction,
operation and maintenace
monitoring, optimisation and closeup
Please write about any other step that would be worth to include in the training
What kind of remediation technologies would be the most intersting 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 description
other
Please list other technologies

Contact	
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Backgro	und Documents
V	public authority dealing with brownfields
	owner of contaminated site
	management
	monitoring
	remediation
	education and research

h.lewandowska@um.bydgoszcz.pl

Date: 23/02/2017 13:05:50

Transnational training needs for sustainable brownfield remediation

Fields marked with * are mandatory.



*Name

Pagani Brigida

*Email

brigida.pagani@comune.venezia.it

What format of trainings do you prefere?

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

small size brownfield
medium size brownfield
Iarge 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
Please list other
What kind of a catainable varied inting mathed a consult you like to know?
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
Outilitients

yes
no no no no no no no no no no no no no no no no no no no no no no no no no no no no no no
Who might be the most suitable trainer?
universities teachers
☑ practitioners from public entities or environemtntal bodies
practitioners from services prividers
_ `
✓ remediation experts
If you know potential experts for training please write name and surname and institution
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Would you like to know about brownfield information sources, experts pool, networks of cooperation?

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