

ToR Reference No.: 2021/08 WP6	Author(s): Marco Falconi
Version: Final	Date: 20/10/2020
TERMS OF REFERENCE FOR WORK UNDER THE AUSPICES OF IMPEL	

1. Work type and title

1.1 Identify which Expert Team this needs to go to for initial consideration	
Industry and air	<input type="checkbox"/>
Waste and TFS	<input type="checkbox"/>
Water and land	X
Nature protection	<input type="checkbox"/>
Cross-cutting tools and approaches	<input type="checkbox"/>
1.2 Type of work you need funding for	
Exchange visits	<input type="checkbox"/>
Peer reviews (e.g. IRI)	<input type="checkbox"/>
Conference	X
Development of tools/guidance	X
Comparison studies	X
Assessing legislation (checklist)	<input type="checkbox"/>
Other, (please describe):	<input type="checkbox"/>
1.3 Full name of work (enough to fully describe what the work area is)	
Water and Land Remediation 2	
1.4 Abbreviated name of work or project	
WLR2	

2. Outline business case (why this piece of work?)

2.1 Name the legislative driver(s) where they exist (name the Directive, Regulation, etc.)
<ul style="list-style-type: none"> • 1st legislative driver Soil Thematic strategy https://ec.europa.eu/environment/soil/three_en.htm COM(2006)231 final https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52006DC0231 • 2nd legislative driver. Stockholm Convention (art. 6, last version)

<http://www.pops.int/Portals/0/download.aspx?d=UNEP-POPS-COP-CONVTEXT-2017.English.pdf>

- 3rd legislative driver
MINAMATA convention on Mercury <http://www.mercuryconvention.org/>
- 4th legislative driver
No net land take by 2050 reported for the first time in the Roadmap to a Resource Efficient Europe, COM(2011) 571 final 3rd legislative driver.
[http://www.europarl.europa.eu/meetdocs/2009_2014/documents/com/com_com\(2011\)0571_/com_com\(2011\)0571_en.pdf](http://www.europarl.europa.eu/meetdocs/2009_2014/documents/com/com_com(2011)0571_/com_com(2011)0571_en.pdf)

2.2 Link to IMPEL MASP priority work areas

- | | |
|---|--------------------------|
| 1. Assist members to implement new legislation. | <input type="checkbox"/> |
| 2. Build capacity in member organisations through the IMPEL Review Initiatives. | <input type="checkbox"/> |
| 3. Work on 'problem areas' of implementation identified by IMPEL and the European Commission. | X |
| 4. Other, (please specify): | <input type="checkbox"/> |

2.3 Why is this work needed? (background, motivations, aims, etc.)

The contaminated sites management is a process that has different speeds in Members States. This is due partly on difference in legislation that would mean different definitions as for making some examples "potentially contaminated sites", "contaminated sites", "remediated sites". For this reason, the European Commission-JRC launched an initiative with EEA-EIONET network to find common definitions and a survey in MS in 2018 (<https://ec.europa.eu/jrc/en/publication/status-local-soil-contamination-europe-revision-indicator-progress-management-contaminated-sites>) that resulted in defining 6 site statuses.

Site status 1: sites where polluting activities took/are taking place: a) estimated and b) registered – (rather than 'sites registered').

Site status 2: sites in need of investigation/still to be investigated or under investigation where there is a clear suspicion of contamination (NB: it may not be relevant to all countries, in some countries there is a transition from status 1 to status 2 following risk assessments).

Site status 3: sites that have been investigated, but no remediation is needed (unless land-use changes, i.e. in application of the principle of fit for current use).

Site status 4: sites that need or might need remediation or risk-reduction measures (RRM), including natural attenuation (monitoring to be part of the preparative investigations how to remediate).

Site status 5: sites under/with ongoing remediation or RRM (probably common to all countries).

Site status 6: site remediated or RRM completed or sites under aftercare measures (i.e. sites that are monitored after remediation). Monitoring to be performed to confirm that remediation or RRM goals are achieved.

The last definition Site Status 6 refers to remediation that independently which are the targets

(reaching a concentration limit set by law, reaching an acceptable risk for human health, reaching an acceptable environmental risk or other) is more or less common to all. The fact is that the progress in management go slowly in particular for the last phase with some of the countries with substantial no progress, the report says.

This project aim to speed up the process, focusing to the remediation phase that is often the bottleneck, with Remediation Progress Scheme

2.4 Desired outcome of the work (what do you want to achieve? What will be better / done differently as a result of this project?)

The outcomes are:

- Support/exchange technical experience required to make progress with the task “Remediation progress scheme” in Europe in order to enable those MS in which no procedure is currently taking place to have one reference
- Schemes for remediation verification (two remediation technology per year)
- Launch a discussion on a possible role IMPEL could play in this context, having in mind its strategy to share knowledge, skills and good practices, producing technical guidance, coordinating action between countries

2.5 Does this project link to any previous or current IMPEL projects? (state which projects and how they are related)

IMPEL DECO PROJECT 2014

Water and Land Remediation

3. Structure of the proposed activity

3.1 Describe the activities of the proposal (what are you going to do and how?)

The project is designed for four years (2021-2024). Proposed schedule:

- Apr 2021 Kick-off meeting (by videoconference)
- May 2021 Preparation of two questionnaires (one for each of the two remediation technologies identified for 2021)
- Jun – Sep 2021 Survey (with questionnaires) on practical experience with remediation verification in the participant countries for each of the two remediation technologies identified for 2021
- 30 Sep 2021 End of collection of case studies for each of the two remediation technologies identified for 2021
- 1 Oct - 31 Oct 2021 Preparation of the two draft Guidelines
- 1 Nov 2021 Circulation of the first draft among the WG and internal networks for comments (deadline 20 Nov)
- 1 Dec 2021 Publication on the internet of the first draft for comments (deadline 20 Dec)

- 31 Jan 2022 Publication of two reference documents for each of the two remediation technologies identified for 2021
-
- Apr 2022 Kick-off meeting (by videoconference)
 - May 2022 Preparation of two questionnaires (one for each of the two remediation technologies identified for 2022)
 - Jun – Sep 2022 Survey (with questionnaires) on practical experience with remediation verification in the participant countries for each of the two remediation technologies identified for 2022
 - 30 Sep 2022 End of collection of case studies for each of the two remediation technologies identified for 2022
 - 1 Oct - 31 Oct 2022 Preparation of the two draft Guidelines
 - 1 Nov 2022 Circulation of the first draft among the WG and internal networks for comments (deadline 20 Nov)
 - 1 Dec 2022 Publication on the internet of the first draft for comments (deadline 20 Dec)
 - 31 Jan 2023 Publication of two reference documents for each of the two remediation technologies identified for 2022
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 - May 2023 Preparation of two questionnaires (one for each of the two remediation technologies identified for 2023)
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3.2 Describe the products of the proposal (what are you going to produce in terms of output / outcome?)

1. Report on survey results
2. Meeting report on expert workshop
3. Guidance paper for 8 remediation technologies
4. Final project report
5. Project presentation for the Water & Land Conference (and other expert meetings)
6. Project presentation on conferences
7. Possibly press statements

3.3 Describe the milestones of this proposal (how will you know if you are on track to complete the work on time?)

- Apr 2021 Kick-off meeting (by videoconference)
 - May 2021 Preparation of two questionnaires (one for each of the two remediation technologies identified for 2021)
 - 31 Jan 2022 Publication of two reference documents for each of the two remediation technologies identified for 2021
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- Apr 2022 Kick-off meeting (by videoconference)
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 - 31 Jan 2025 Publication of two reference documents for each of the two remediation technologies identified for 2024

3.4 Risks (what are the potential risks for this project and what actions will be put in place to mitigate these?)

Risk of low participation from countries where legislation of contamination is not yet well developed or clear. Risk of low number of case studies for certain remediation technologies. The project manager will stimulate their engagement through NCs and participation to conferences.

4. Organisation of the work

4.1 Lead (who will lead the work: name, organisation and country) – this must be confirmed prior to submission of the TOR to the General Assembly)

Marco Falconi, ISPRA, Italy

4.2 Project team (who will take part: name, organisation and country)

- Sean Scott, Leitrim County Council, Ireland
- Andrea Sconocchia, Arpa Umbria, Italy

4.3 Other IMPEL participants (name, organisation and country)

- Enis Tesla, State Inspectorate of Environment, Forestry and Water, Albania
- Said El Fadili, Environnement Brussels, Belgium
- Jean Pierre Janssens, Brussels Institute for Environmental Management, Belgium
- Daniel Gruza, Czech Environmental Inspectorate (CEI), Czech Republic
- Brigitte Mrvelj Cecatka, Ministry of Environment and Nature Protection, Croatia
- Tea Markoc, Croatia
- Dirk Krebs, RPDA Hessen, Germany
- Arton Ramadani, Ministry of Environment and Spatial Planning, Kosovo*
- Elbasan Shala, Ministry of Environment and Spatial Planning, Kosovo*
- Francesca Benedetti, Mattm, Italy
- Roberto Riberti, Arpae, Italy
- Paolo Sconocchia, Arpa Umbria, Italy
- Marija Stepanova, State Environmental Service of the Republic of Latvia, Latvia
- Stefania A. Curmi, Environmental and Resources Authority, Malta
- Gabriella Grima, Environmental and Resources Authority, Malta
- Ruth Ciarlo, Environmental and Resources Authority, Malta
- Christina Pisani, Environmental and Resources Authority, Malta
- Jorge Garcia, Apambiente, Portugal
- Regina Vilao, Apambiente, Portugal
- Andreea Husu, National Environmental Guard, Romania
- Liviu Mateic, National Environmental Guard, Romania
- Romana Sumac, Inspectorate of the Republic of Slovenia for the Environment and Spatial Planning, Slovenia
- Neva Copi, Inspectorate of the Republic of Slovenia for the Environment and Spatial Planning, Slovenia
- Natasa Zitko Stemberger, Inspectorate of the Republic of Slovenia for the Environment and Spatial Planning, Slovenia
- Maria Jesus Mallada, Gobierno de La Rioja, Spain
- Ceren Istek, General Directorate of Environmental Impact Assessment, Permitting and Inspection, Turkish Ministry of Environment and Urbanisation, Turkey
- Trystan James, Natural Resources Wales, UK

4.4 Other non-IMPEL participants (name, organisation and country)

- Frank Swartjes, RIVM, Netherlands
- Esther Goidts, Wallonia EPA, Belgium
- Asa Valley, Swedish EPA
- Rainer Baritz, EEA
- Other to be determined

The project will involve some other network of stakeholders. Among those already identified and contacted (this is a non exhaustive list):

Common Forum (commonforum.eu) contact point Dietmar Mueller-Grabherr (Umweltbundesamt Austria)

Nicole (Nicole.org) contact point Nan Su (Nicole Chair, Netherland)

EEA EIONET WG Contamination, contact point Frank Swartjes (RIVM, Netherland)

CL:AIRE (Claire.co.uk), contact point Nicola Harries (Claire chair UK)

5. High level budget projection of the proposal. In case this is a multi-year project, identify future requirements as much as possible

Total budget is 59.450 € for 4 years (2021-2024)

This is an Excel Table, please double click on it to open it and to fill it.	2021 (exact)	2022	2023	2024
Travel and subsistence costs for IMPEL (should match the total costs of Annex I)	9.750,00 €	13.350,00 €	13.350,00 €	19.050,00 €
Travel and subsistence costs co-financed	0,00 €	0,00 €	0,00 €	0,00 €
Consultant(s) costs for IMPEL	2.000,00 €	2.000,00 €	2.000,00 €	2.000,00 €
Consultant(s) costs co-financed	0,00 €	0,00 €	0,00 €	0,00 €
Translation costs for IMPEL	0,00 €	0,00 €	0,00 €	0,00 €
Translation costs co-financed	0,00 €	0,00 €	0,00 €	0,00 €
Total costs for IMPEL	11.750,00 €	15.350,00 €	15.350,00 €	21.050,00 €
Total co-financed	0,00 €	0,00 €	0,00 €	0,00 €
Total budget	11.750,00 €	15.350,00 €	15.350,00 €	21.050,00 €

6. Detailed other costs of the work for year 1

6.1 Are you using a consultant?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.2 What are the total costs for the consultant?	2000 €/year for a total of 8000 €/all the project
6.3 Who is paying for the consultant?	IMPEL
6.4 What will the consultant do?	Translation of final documents
6.5 Are there any additional costs (NOT included in point 5)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If your answer is 'Yes', please describe:
6.6 What are the additional costs for?	
6.7 Who is paying for the additional costs?	
6.8 Are you seeking other funding sources?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If your answer is 'Yes', please describe:
6.9 Do you need budget for communications around the project? If so, describe what type of activities and the related costs.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If your answer is 'Yes', please describe: Assistance by the secretariat to publish the final guidelines in IMPEL website, in IMPEL social media

7. Communication and follow-up (checklist)

	What		By when
7.1 Indicate which	TOR ✓ *	<input type="checkbox"/>	Dec 2020 (final)

<p>communication materials will be developed throughout the project and when?</p> <p><i>(all to be sent to the Communications Officer at the IMPEL Secretariat)</i></p>	Interim report ✓ *	<input type="checkbox"/>	
	Progress report(s) ✓	X	quarterly
	Project report ✓ *	X	yearly
	Press releases	<input type="checkbox"/>	
	News items for the website ✓ *	X	yearly
	News items for the e-newsletter	<input type="checkbox"/>	
	Project abstract ✓ *	<input type="checkbox"/>	
	IMPEL at a Glance ✓	<input type="checkbox"/>	
	Other, (give details):	<input type="checkbox"/>	
7.2 Milestones / Scheduled meetings (for the website diary).			
7.3 Images for the IMPEL image bank.	Yes <input type="checkbox"/> No <input type="checkbox"/>		
7.4 Indicate which material s will be translated and into which languages.	The “Remediation Verification Scheme” should be translated at least into German, Italian. To be evaluated other MS languages within the allocated budget for translation		
7.5 Indicate if web-based tools will be developed and if hosting by IMPEL is required.			
7.6 Identify which groups/institutions will be targeted and how.	<ul style="list-style-type: none"> • Environmental Protection Agencies of the Member States • Inspectorates of the Member States • European Commission, DG ENV and JRC • European Environment Agency, EEA • Food and Agriculture Organization, FAO 		
7.7 Identify parallel developments / events by other organisations, where the project can be promoted.	Intersol, France-Belgium Remtech Europe, Italy Green Week, Belgium Pollutec, France REMEDy, Poland IFAT, Germany CIGRAC, Portugal		

	Acquaconsoil, TBD International Committee on Contaminated Land, TBD CRC Care, TBD Other TBD
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✓) Templates are available and should be used. *) Obligatory

8. Remarks

Is there anything else you would like to add to the Terms of Reference that has not been covered above?

*In case of doubts or questions please contact the
[IMPEL Secretariat](#).*

***Draft and final versions need to be sent to the
[IMPEL Secretariat](#) in word format, not in PDF.***

Thank you.

Annex I – Detailed event costs of the project

This is an Excel table, please double click on it to open and to fill it up. You should only fill the columns and lines in light yellow.

	Event	Number of days	Travel (maximum per round trip) 360 €	Hotel (maximum per night) 120 €	Catering* (maximum per day) 25 €	Total costs per Event
Description of Event	Presentation of result of first year	2	5.400,00 €	3.600,00 €	750,00 €	9.750,00 €
Location	Warsaw					
Month	Oct 21					
Number of Participants	15					
Description of Event			0,00 €	0,00 €	0,00 €	0,00 €
Location						
Month						
Number of Participants						
Description of Event			0,00 €	0,00 €	0,00 €	0,00 €
Location						
Month						
Number of Participants						
Description of Event	5th:		0,00 €	0,00 €	0,00 €	0,00 €
Location						
Month						
Number of Participants						
		Total Costs	5.400,00 €	3.600,00 €	750,00 €	9.750,00 €