



ToR for Water and Land Remediation

Preface:

Due to the evolving constraints of the COVID-19 pandemic the face-to-face events and milestones set in this ToR might need to be revised and changed. For further information, please contact the Project Manager(s) or send an email to the [IMPEL Secretariat](#).

ToR Reference No.: 2020/09	Author(s): Marco Falconi
Version: 02	Date: 26/03/2020
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	<input checked="" type="checkbox"/>
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	<input type="checkbox"/>
Development of tools/guidance	<input checked="" type="checkbox"/>
Comparison studies	<input checked="" type="checkbox"/>
Assessing legislation (checklist)	<input checked="" 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.	
1.4 Abbreviated name of work or project	
Water and Land Remediation.	



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"> • Soil Thematic strategy. • COM(2006)231 final. • Stockholm Convention (art. 6, last version). • MINAMATA Convention on Mercury. • No net land take by 2050 reported for the first time in the Roadmap to a Resource Efficient Europe, COM(2011) 571 final. 	
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.	<input checked="" type="checkbox"/>
4. Other, (please specify):	<input type="checkbox"/>
2.3 Why is this work needed? (background, motivations, aims, etc.)	
<p>The contaminated sites management is a process that has different speeds in Members States. This is due partly to differences 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.</p> <p>Site status 1: sites where polluting activities took/are taking place: a) estimated and b) registered – (rather than 'sites registered').</p> <p>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).</p> <p>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).</p> <p>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).</p> <p>Site status 5: sites under/with ongoing remediation or RRM (probably common to all countries).</p> <p>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.</p>	



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 goes slowly in particular for the last phase with some of the countries with substantial no progress, the report says.

This project aims to speed up the process, focusing on the remediation phase that is often the bottleneck, with Remediation Verification 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 verification 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.
- 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.

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 multi-years with continuation in 2021-2024, here is reported just the activities 2020:

Proposed schedule:

- **1st October 2020:** Expert workshop (Warsaw).
- **November 2020:** Drafting of the guidance papers for a couple of Remediation techniques.
- **November 2020:** Potential participation in person or in videocall of PM to Eurogeosurveys (EGS) Athens and CIGRAC in Lisbon to get interest of experts and stakeholders.
- **December 2020:** Videoconference project team meeting.

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.



4. Final project report.
5. Project presentation for the Water & Land Conference (and other expert meetings).
6. Possibly press statements, etc.

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

See 3.1.

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. The project manager will stimulate their engagement through NCs and participation to conferences.

Risk of not holding the Warsaw workshop due to travel constraints in Europe. It is high risk but with small cost for IMPEL: the interested people will book with a refundable option and the meeting will be held in videoconference. Same for presence in EGS and CIGRAC.

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)

- Marco Falconi, ISPRA, Italy.
- Sean Scott, Leitrim County Council, Ireland.

4.3 Other IMPEL participants (name, organisation and country)

- Daniel Grůza, Czech Environmental Inspectorate, Czech Republic.
- Marija Stepanova, State Environmental Service, Latvia.
- Enis Tela, State Inspectorate of Environment, Forestry, Water, Albania.
- Elbasan Shala, Ministry of Infrastructure and Environment, Kosovo.
- Arton Ramadani, Ministry of Infrastructure and Environment, Kosovo.
- Romana Šumak, The Inspectorate of RS for the environment and spatial planning, Slovenia.
- Pinar Ece, The Ministry of Environment and Urbanization, Turkey.
- Tugba Ceren İSTEK, The Ministry of Environment and Urbanization, Turkey.
- Katarzyna Wardak, Chief Inspectorate for Environmental Protection, Poland.
- Andreea Husu, National Environmental Guard, Romania.
- Matei Liviu, National Environmental Guard, Romania.
- Brigitte Mrvelj Čečatka, State Inspectorate of the Republic of Croatia, Croatia.
- Tea Markoč, State Inspectorate of the Republic of Croatia, Croatia.



- Jesús Mallada, Gobierno de La Rioja, Spain.
- Ruth Ciarlo, Environment & Resources Authority, Malta.
- Gabriella Grima, Environment & Resources Authority, Malta.
- Stefania Curmi, Environment & Resources Authority, Malta.
- Jean-Pierre Janssens, Brussels Environment, Belgium.
- Saïd El Fadili, Brussels Environment, Belgium.
- Regina Vilão, Portuguese Environment Agency, Portugal.
- Jorge Santos Garcia, Portuguese Environment Agency, Portugal.
- Annabelle Foot, Environment Agency, England.
- Trystan James, Natural Resources Wales, UK.

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

- Common Forum for Contaminated Land in Europe (www.commonforum.eu).
- Nicole - Network for Industrially Co-ordinated Sustainable Land Management in Europe (www.nicole.org).

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

	Year 2020 (exact)	Year 2021	Year 3	Year 4
How much money do you require from IMPEL?	6 500 EUR	23 500 EUR		
How much money is to be co-financed?				
Total budget	6 500 EUR	23 500 EUR		

6. Detailed other costs of the work for year 2020

6.1 Are you using a consultant?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
6.2 What are the total costs for the consultant?	N/a.
6.3 Who is paying for the consultant?	N/a.
6.4 What will the consultant do?	N/a.



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?	N/a.
6.7 Who is paying for the additional costs?	N/a.
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: The communication for all phases of the project will be done through the Communications Officer of the IMPEL Secretariat.

7. Communication and follow-up (checklist)

	What		By when
7.1 Indicate which communication materials will be developed throughout the project and when? <i>(all to be sent to the Communications Officer at the IMPEL Secretariat)</i>	TOR ^{✓*} Interim report ^{✓*} Project report ^{✓*} Progress report(s) [✓] Press releases News items for the website ^{✓*} News items for the e-newsletter Project abstract ^{✓*} IMPEL at a Glance [✓] Other, (give details):	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Oct 2019 Dec 2020 In preparation and after all the meetings and conferences.
7.2 Milestones / Scheduled meetings (for the website diary).	See 3.1.		



7.3 Images for the IMPEL image bank.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
7.4 Indicate which materials will be translated and into which languages.	The “Remediation Verification Scheme” should be translated at least into German and Italian. To be evaluated in other MS languages.
7.5 Indicate if web-based tools will be developed and if hosting by IMPEL is required.	N/a.
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 Organisation (FAO).
7.7 Identify parallel developments / events by other organisations, where the project can be promoted.	<ul style="list-style-type: none">• Intersol, France-Belgium.• Remtech Europe, Italy.• Pollutec, France.• REMEDY, Poland.• International Committee on Contaminated Land, TBD.• CRC Care, (tbd).

✓) 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 costs

Detailed Event Costs

Water and Land Remediation

						
	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	Kick-off Meeting	2	3 600,00 €	2 400,00 €	500,00 €	6 500,00 €
Location	Warsaw					
Month	01 October 2020					
Number of Participants	10					
Description of Event						
Location						
Month						
Number of Participants						
		Total Costs	3 600,00 €	2 400,00 €	500,00 €	6 500,00 €