



Proposals for NORMAN Joint Programme of Activities 2024

Title	Priority substances for soil monitoring in support of the upcoming Soil Monitoring Law
Type of activity	Working groups activities
Leader	Laetitia Six (OVAM) and Annegret Biegel-Engler (UBA)
Topic / activities	<p>Background / Justification for the proposed activity:</p> <p>The proposal for a European Soil Monitoring Law (SML) was approved by the European Parliament in April 2024, followed by the approval by the European Council in June 2024. It is expected that upon completion of the trialogues, the SML will be approved and the Directive will need to be implemented at Member States level shortly after. The long-term objective of this Directive is to achieve healthy soils by 2050.</p> <p>The SML focusses on 3 pillars: (1) setting up a soil monitoring framework to assess the soil health throughout Europe, (2) sustainable soil management and (3) risk assessment and management of contaminated sites. The activities within this project will be targeting pillar 1, soil monitoring.</p> <p>In the original proposal by the EU Commission, the "organic contaminants" to monitor were not defined. Hence, the European Council advised that in order to ensure the protection of soil from pollution by emerging substances (CEC, contaminants of emerging concern) that can pose significant risk to human and animal health and can contaminate surrounding air, surface waters and groundwater, mechanisms to detect and assess such substances should be established. A watch list, as in use in the Water Framework Directive (WFD) for surface and groundwater, should be developed for monitoring such soil contamination. The substances or groups of substances to be placed on the 'soil watch list' should be substances for which the available information indicates that they could pose a significant risk at Union level to, or via, the soil environment, and for which the monitoring data are insufficient. The number of such substances or groups of substances to be monitored and analysed under the watch lists should not be limited.</p> <p>Though the watch list is also up for discussion in the trialogues, the current proposal is that the EU Commission, in cooperation with the Member States, shall establish an indicative watch list of soil contaminants, having a high potential to affect soil health, human health or the environment. Member States may then adapt their soil contamination descriptor accordingly.</p> <p>Description of the proposed activity and expected outcomes for 2024:</p> <p>The aim of this project is to help in defining the watch list for monitoring soil contamination. This will be done on the basis of most recent scientific knowledge on the potential risks of the contaminants for soil health, human health and the environment, experiences in monitoring and available monitoring data in Member States. It is expected that on the short term this project will yield a list of soil contaminants that should be monitored with high priority and for which the analytical possibilities (LOQ, routine analysis, harmonised methods, ...) and the economic aspects are positive ("low hanging fruit").</p> <p>Since during the project also a prioritisation mechanism for soil contaminants and for predefined protection goals will be developed, a longer watch list will be established for which soil monitoring is recommended, but possibly analytical hurdles still are to be taken.</p> <p>Working groups will be defined at the kick-off meeting foreseen beginning of 2025.</p> <p>Added value / Link with other NORMAN activities and / or other projects</p> <ul style="list-style-type: none"> - Support the EU COM (DG ENV) with the implementation of the upcoming Soil Monitoring Law - Ensuring that the ambitions of Europe to protect soils and further reduce soil pollution to levels no longer harmful to health and natural ecosystems is achieved by proper monitoring - Lift the ambition of Member States to consider the priority substances in their monitoring schemes - Links with WG-1 for the identification of priority contaminants and existing prioritisation mechanisms - Link and use of EMPODAT database - Link with PARC project T4.2, where a tool for prioritisation is being developed. - Link with other EU-funded projects: Aragorn, TerraChem, SOILCRATES ...
Participants	OVAM, UBA, Aarhus University, Agroscope, INERIS, INRAE, ISSeP, NILU, OFB, Örebro University, Ecotox centre, IDAEA-CSIC, WUR, IRSA-CNR, National and Kapodistrian University of Athens (UOA), NILU, University of Copenhagen, NIBIO, ISSeP, IMDEA Water, KWR water, Agroscope, Recetox To be completed!!
Proposed contribution	In-kind contribution is foreseen in all proposed activities as a complement to NORMAN funding. OVAM – Laetitia Six

Commenté [LS1]: To all WG7 members:
To be completed if not on the list already

NORMAN Association N° W604002510

www.norman-network.net



	UBA – Annegret Biegel-Engler, Jan Koschorreck, Peter Von der Ohe, Pia Kotschik, Silvia Pieper Ineris – Valeria Dulio, Sandrine Andres IDAEA-CSIC – Miren Lopez de Alda WUR – Vera Felix da Graca Silva, Célia Bento IRSA-CNR – Anna Barracaracciolo, Paola Grenni, Stefano Polesello UOA – George Gkotsis, Nikolaos Thomaidis NILU - Eldbjørg Sofie Heimstad University of Copenhagen – Xenia Trier NIBIO – Marit Almvik Aarhus University – Katrin Vorkamp ISSeP – Elodie Bouhouille, Sophie Crévecœur IMDEA – Raffaella Meffe, Ana de Santiago KWR Water – Stefan Kools Agroscope – Thomas Bucheli Recetox - Jakub Hofman To be completed!!
Contribution needed from NORMAN Association ¹	Organisation of live workshop: - Kick-off meeting 1000 € for catering → Full day workshop beginning of 2025 to define the Working groups and have a first brainstorm per WG

Commenté [LS2]: To all WG7 members :
Please complete the names of involved people

¹ Please, provide here a transparent justification of the requested resources and of the in-kind contribution, thereby distinguishing between the costs associated with “person-months” for the organisation, the “travelling costs” for invited speakers and the costs for the logistics (e.g. meals, room rental etc.)