



The potential of bioremediation for clean soils and groundwater in Europe

Official event of the [BioBio 2024](#) of the EU bioremediation project cluster

Prague, Czech Republic

20 June 2024



Rationale:

The EU Bioremediation cluster gathers 6 key ongoing bioremediation projects funded by the European Commission: MIBIREM, SYMBIOREM, BIOSYSMO, NYMPHE, EDAPHOS, and ISLANDR. This workshop will showcase the tremendous potential of bioremediation in creating healthier soils, cleaning up groundwater, and improving air quality. This environmentally friendly approach relies on natural processes and microorganisms to remove contaminants without causing harm to delicate ecosystems.

Registration:










Registration through the BioBio 2024 website: <https://www.biobio.vscht.cz/>

Disclaimer:

MIBIREM, BIOSYSMO, SYMBIOREM, NYMPHE, EDAPHOS and ISLANDR projects are funded by the European Union under the Horizon Europe funding programme.



Agenda

08:30	Keynote Prof. Nicolas Kalogerakis Technical University of Crete, Greece	
09:10	Welcome by the chair Victor de Lorenzo CSIC – Centro Nacional de Biotecnología, Spain	
09:15	NYMPHE project latest advancements Giulio Zanaroli, NYMPHE coordinator University of Bologna, Italy	
09:35	MIBIREM project latest advancements Thomas Reichenauer, MIBIREM scientific coordinator AIT Austrian Institute of Technology, Austria	
09:55	BIOSYSMO project latest advancements Akanksha Mishra, BIOSYSMO senior researcher IDENER, Spain	
10:15	SYMBIOREM project latest advancements Leire Ruiz Rubio, SYMBIOREM coordinator University of the Basque Country, Spain	
10:35	EDAPHOS project latest advancements Michel Chalot, EDAPHOS coordinator University of Bourgogne-Franche-Comté, France	
10:50	ISLANDR project latest advancements Juha Kaija, ISLANDR coordinator Geological Survey of Finland, Finland	
11:05	Coffee break	
<u>Panel discussion including Q&A with the audience</u>		
11:30	Setting the scene by the chair Victor de Lorenzo CSIC – Centro Nacional de Biotecnología, Spain	
11:35	Technical discussion with representatives of the EU bioremediation cluster projects <u>Moderated by the chair, Victor de Lorenzo</u>	

	<p><u>Topics covered:</u></p> <ul style="list-style-type: none"> - The use and release of bacteria, microbes and GMOs for (bio-)remediation purposes into the environment – what are the environmental, toxicological, societal and (EU) policy implications? - Classical enrichment, single strain or artificial bacteria microbiomes – what are the scientific implications depending on the approach taken for (bio-)remediation of pollutants on contaminated sites? - Implementation and regulation barriers to account for when considering the up-scaling or large-scale implementation of different (bio-)remediation systems <p><i>With the participation of:</i></p> <ul style="list-style-type: none"> - Patrick Rudelsheim, NYMPHE project Perseus BVBA, Belgium - Thomas Reichenauer, MIBIREM project AIT Austrian Institute of Technology, Austria - Rocío Barros Garcia, BIOSYSMO project University of Burgos, Spain - Leire Ruiz Rubio, SYMBIOREM project University of the Basque Country, Spain - Michel Chalot, EDAPHOS project University of Bourgogne-Franche-Comté, France - Juha Kaija, ISLANDR project Geological Survey of Finland, Finland 	
12:25	<p>Wrap up and closing remarks by the chair Victor de Lorenzo CSIC – Centro Nacional de Biotecnología, Spain</p>	
12:30	<p>END of cluster workshop and start of the BioBio 2024 closing ceremony</p>	

