

InteGRated systems for Effective ENvironmEntal Remediation



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NEWSLETTER

Issue 8, August 2023

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The GREENER project has received funding from the European Union's Horizon 2020 research and innovation programme under the Grant Agreement No. 826312

1. GREENER CONFERENCE



On the 28th of June, the GREENER conference took place in MuttENZ, Switzerland, as well as online. This conference was organized as a satellite event of the **BioRemid 2023 conference**.

The GREENER conference focused on the following key areas:

- Presentation of the project's main results and highlights.
- Exploration of the integration of various approaches, including bio-electrochemical hybrid systems.
- Discussion of long-term ecopiles, their implementation, and effectiveness.
- Examination of scaling-up methodologies and considerations for sustainability.
- Deliberation on future perspectives in the field.

Experts working on GREENER shared their technologies and results during the conference. The conference Agenda can be found here:

https://www.greener-h2020.eu/CMS/site/files/230622_Greener_A4_Agenda_June%20v13.pdf

We appreciate your active participation and your interest in the GREENER project.



GREENER conference video

On the occasion of our workshop we have created a teaser video from our presenters thanking them for sharing their knowledge, for their excellent collaboration and

[YOUTUBE LINK](#)

2. CLUSTER WORKSHOP



On the 28th of June 2023, the EU Bioremediation cluster workshop took place in Muttenz, Switzerland, both physically and online. The workshop was organized by seven ongoing and recently concluded EU projects, namely MIBIREM, BIOSYSMO, SYMBIOREM, NYMPHE, ELECTRA, EiCLaR, and GREENER.

This workshop brought together Horizon Europe and Horizon 2020 bioremediation projects with the aim of presenting their innovative solutions for cleaning up Europe's environment. During the event, project coordinators delivered concise presentations about their respective projects. The Horizon Europe projects, which had recently commenced, provided an overview of their planned bioremediation innovations. Meanwhile, the Horizon 2020 projects shared the key outcomes of their initiatives. Following the presentations, a technical discussion took place, focusing on the role of bioremediation in the restoration of Europe's environment and its contribution to achieving the zero-pollution ambitions of the region.

We would like to thank the 130 participants that came to Muttenz or followed the event online.

GREENER workshop recording

If you're interested, you can watch the recording of the workshop for more details:

[YOUTUBE LINK](#)

2. CLUSTER WORKSHOP



3. OUR DISSEMINATION CORNER



During the event, the cluster of projects has set up a dissemination corner where all project brochures were presented. Brochures dedicated to the cluster were also designed and shared during the event, while event badges were provided to all participants. Moreover, all project posters were demonstrated in a dedicated area close to the reception of the BioRemid 2023 conference.

Material of the event can be found here:

https://www.greener-h2020.eu/en/static/dissemination_material

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CE-BIOTEC-04-2018: InteGRated systems for Effective ENvironmEntal Remediation

GREENER Conference & EU Bioremediation Projects Cluster Workshop

28 June 2023
FHNW Campus
Muttenz,
Switzerland

AGENDA

Official side-event to BioRemid 2023 of the EU bioremediation project cluster
FHNW Campus Muttenz, Switzerland, 28 June 2023

BIOREMEDIATION CLUSTER OF EU PROJECTS

HERE ARE SOME REASONS WHY BIOREMEDIATION TECHNOLOGIES ARE IMPORTANT IN EUROPE:

1. Environmental Protection: Bioremediation technologies are crucial for protecting the environment in Europe, where the industrial and agricultural activities have left behind numerous contaminated sites. These technologies help to reduce the environmental impact of pollutants and restore the ecosystem balance.
2. Economic Benefits: Bioremediation is a cost-effective method for cleaning up contaminated sites compared to traditional remediation techniques like excavation and disposal. The use of bioremediation technologies can help to save costs on transportation, disposal, and remediation.
3. Sustainable Approach: Bioremediation is a sustainable approach to remediation that does not require the use of hazardous or other harmful substances. The use of bioremediation technologies can help to reduce the environmental impact of remediation activities and restore the ecosystem balance.
4. Regulatory Compliance: The European Union has established strict environmental regulations to protect the environment and public health. Bioremediation technologies can help to meet these regulations and ensure that remediation activities are carried out in a safe and effective manner.

Project Details
Start date: 1 March 2020
Duration: 4,5 years
EU contribution: EUR 4,964,168,25

Project webpage
www.greener-h2020.eu

Registration: Upon invitation only.

MORE DETAILS

Disclaimer: Funded by the European Union

BM, BIOSYSMO, SYMBIOREM and NYMPHE projects are funded by the European Union under the Horizon Europe funding programme. The ELECTRA, EICLAR and GREENER projects are funded by the European Union Horizon 2020 research and innovation programme.

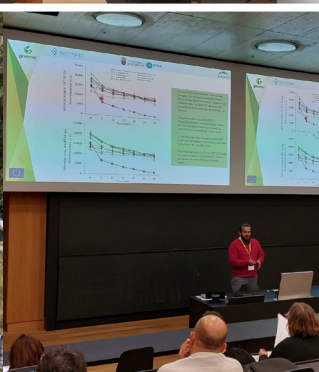
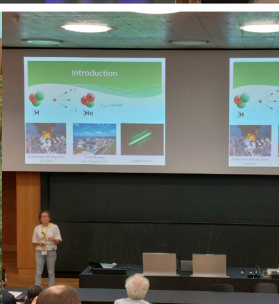
4. THE BIOREMID 2023 CONFERENCE



The third edition of the International Meeting on New Strategies in Bioremediation/Restoration Processes (BioRemid2023) was successfully held in Muttenz, Switzerland, on the 29th and 30th of June, 2023. The event was hosted by the School of Life Sciences - University of Applied Sciences and Arts Northwestern Switzerland (FHNW). The primary objective of the meeting was to foster collaboration among scientists and industry professionals, aiming to exchange the latest developments and innovations in tackling environmental challenges. The discussions revolved around crucial topics such as identifying and monitoring biohazards, implementing strategies for remediating sites contaminated with emerging pollutants like plastic-based materials and pharmaceutical active compounds, as well as priority pollutants such as heavy metals and organic micropollutants. Additionally, novel approaches in integral water cycle management and biowaste management were also explored during the event.

Members of our consortium attended the 2 days event sharing their work in oral and poster presentations.

[MORE INFORMATION HERE!](#)



5. INTERVIEWS



During the event, several interviews were conducted with GREENER consortium experts. These interviews provided an opportunity for the experts to share updates on their work and highlight the significant advancements made during the implementation of the project. These interviews served as a platform to showcase the progress, achievements, and innovations that have emerged as a result of the collective efforts of the consortium members. It allowed for a deeper understanding of the expertise and contributions of each member and provided valuable insights into the overall development of the project.

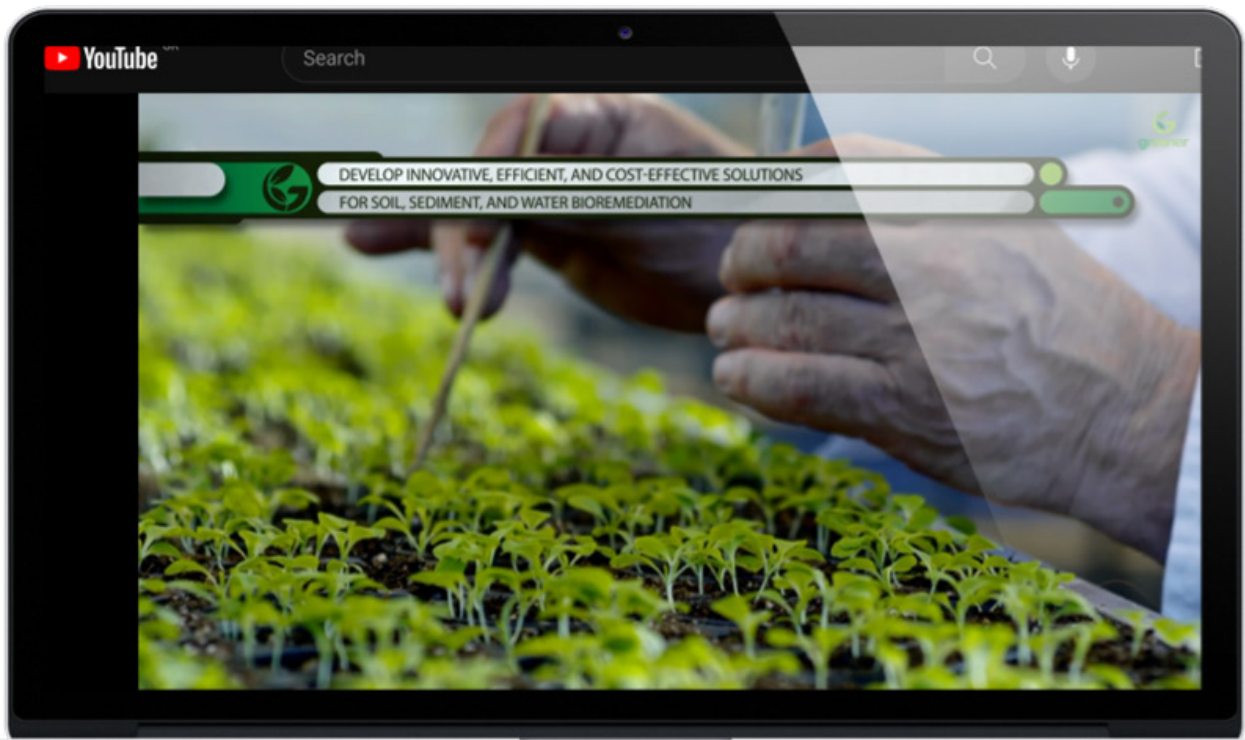


The interviews are part of the final GREENER video presented followingly.

6. GREENER FINAL VIDEO



The GREENER consortium recently unveiled their final video, which aims to showcase the accomplished goals and gather expert opinions on the implemented technologies. The video offers a platform for experts to share their views and success stories, providing valuable insights into the project's achievements.



[YOUTUBE LINK!](#)



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8. OUR TEAM



As the project comes to an end, we would like to express our gratitude to the entire consortium for their outstanding collaboration and dedicated efforts throughout the project's implementation. Your commitment and hard work have been instrumental in achieving our goals and making this project a success. We are proud to have worked alongside such a talented and dedicated team.



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We extend our thanks to our international colleagues as well for their support, providing us with insightful perspectives and knowledge transfer.



Finally, we express our deep gratitude to the cluster of 6 similar projects for their exceptional collaboration and shared commitment. Your collective efforts and cooperation have been instrumental in fostering innovation, advancing research, and achieving our mutual goals. Together, we have created a dynamic and supportive cluster, driving progress and making a significant impact.





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The GREENER team
Project Coordination team:
University of Burgos – ICCRAM



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