

NEWS-SECS



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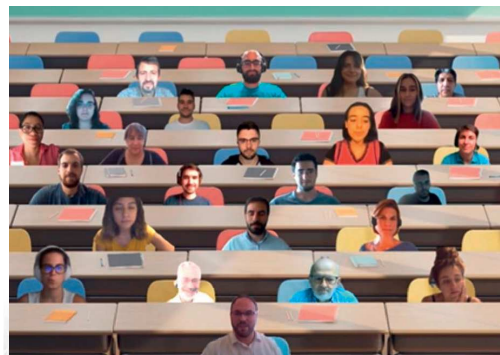


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GREENER PROJECT H2020: CONSORTIUM MEETING

During several days between April and May 2021, the partners from the European GREENER Project H2020, “Integrated systems for effective environmental remediation”, virtually met to hold the 24 Months Consortium Meeting. Regardless the COVID-19 pandemic situation, the GREENER partners shared important outcomes achieved until that moment, and discussed on the main challenges and upcoming steps throughout the project WPs. Bioremediation applied under the GREENER Project H2020 is a branch of biotechnology that employs the use of microbial organisms in the removal of contaminants from soil, water and/or sediments, belonging to 13 different sites located in Europe and China. The contaminants identified on the sites are representative of those that have a significant impact in the European territory (hydrocarbons, toxic metals and metalloids, antibiotics, pesticides, azodyes, and/or their complex mixtures).

Great progress towards the promising scaling-up and field testing of some of the different innovative and sustainable technologies under study was shared by the concerned partners. For instance, either on soil and water bioremediation tasks, promising advances on microbial consortia characterization by means of high throughput DNA sequencing to determine the microorganism present at polluted soil sites was presented; or the determination of the genes harboured by these microorganisms in order to determine those encoding enzymes implicated in the biodegradation of organic pollutants. These molecular methods and the bioinformatic analysis allow the evaluation of the potential of the microbial populations present at the site for the degradation of these pollutants and facilitate the isolation of individual strains and consortia proficient in biodegradation. Besides, the

involved partners delivered the status and results for the promising lab-scale technologies: phycoremediation, phytoremediation, metal recovery as nanoparticles, bio-electrochemical systems (BES), and biostimulation/bio-augmentation strategies. In addition, the initial planning for upscaling the most promising tested technologies and the later field testing was discussed and sketched. Since the GREENER project is based upon sustainability in all its dimensions, an interesting discussion on the Work Package related to the Impact of the project was held. Last but not least, the main hallmarks and short/mid-term plan in terms of Dissemination, Communication and Exploitation were commented. For the events celebrated until that moment, it was highlighted, for instance, the involvement of Universidad de Burgos in the European Researchers’ Night in November 2020, or during the Women and Girls in Science’ Week during February 2021, among a large and diverse number of events and workshops attended by all GREENER partners. It was also informed the launch of the GREENER Project H2020 video in the Official DG Research & Innovation account (<https://lnkd.in/d9TC8uF>), together with the most remarkable forthcoming conferences: CONDEGRES 2021, CISDS2020, EUROSIL2021, AquaConSoil, or the AP-ISMET conference. Besides, the main scientific outputs, in terms of publications, was commented, along with the current strategy on IPR issues.

All the relevant information and news on the GREENER Project can be found in the GREENER Project Website, LinkedIn, Twitter or Facebook accounts.

Enviado por el Dr. Carlos Rad

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RESOLUCIÓN DEL PARLAMENTO EUROPEO SOBRE LA PROTECCIÓN DEL SUELO

El pasado 28 de abril se publicó la Resolución del Parlamento Europeo sobre la protección del suelo. Estamos un paso más cerca de tener un marco de protección que nos ayude a conservar este medio tan valioso y a concienciar a la sociedad de ello. Se puede consultar el texto aprobado en el siguiente enlace: https://www.europarl.europa.eu/doceo/document/TA-9-2021-0143_ES.html