

Contact:
aduarte@fct.unl.pt

<https://www.greenering.eu>

The second Grant period ends and Cost Action Greenering goes on its activities to develop the network. The action reaches now more than 200 participants from 35 countries. It can be highlighted the arrival of new industrial members: DFD (France), ICARBON (Turkey), DEASYL S.A. (Switzerland), ...

Several events marked out this Grant period: 1st success story of Greenering, opening of a series of Greenering webinars "When Industry meets Academia", Technical days between academia and industries... And obviously, the Cost Action continued to finance mobility with the allocation of grants for STSMs (15 STSM grantees) and participation in conferences (21 ITC grantees).

Greenering success story

Alexandre Barros from the company Hydrumedical (Portugal) initiated the webinar series "Greenering success stories". It consisted of an interested exchange of short questions and answers. chaired by Alexandre Paiva (Des Solutio – Portugal). Alexandre Barros presented Hydrumedical products, how Green chemistry (through the use of supercritical CO₂) is integrated in Hydrumedical processes, how he managed to transpose a green process from laboratory to industrial scale, difficulties encountered but also successes. The video of the entire interview is on the Greenering You Tube Channel: <https://www.youtube.com/watch?v=dEuXHbKsm-8&t=13s>

Alexandre BARROS
CEO of Hydrumedical



<https://hydrustent.com/>

Alexandre PAIVA
Des Solutio



<https://dessolutio.com>

Greenering webinar When Industry meets Academia

Irene Malpartida and Valentin Lair from the company Deasy! S.A. (Switzerland) met Mafalda Sarraguça from the faculdade de farmacia de la Universidade de Porto (Portugal) to talk about Mechanochemistry. The exchange was chaired by Ana Rita Duarte, the leader of the Cost Action Greenering.

The video of the entire interview is on the Greenering You Tube Channel: <https://www.youtube.com/watch?v=8Z-h3oLYNZY&t=85s>

Irene MALPARTIDA and Valentin LAIR
Deasy! SA



Mafalda SARRAGUÇA
Universidade de Porto



Technical days "Bubbles"

The Faculty of Technology Novi Sad (Serbia) and the Faculty of Food Technology and Biotechnology Zagreb (Serbia) organized the first Greenering Bubbles. The topic of those three-day training school was the application of green technologies and green solvents in plant processing and extract production. Representatives from 9 companies participated: **Euro Prima, Vitalon, Deverra Farm, Suncokret Granum, Sapunoteka, Imortela, Nikel, Bio et naturalis and Adena Natura.**

The video of the event is proposed on the Greenering You Tube Channel: https://www.youtube.com/watch?v=ahOWh4TQ_64&t=26s



News about STSM grantees



Des Solve research group and Des Solutio has received Andromachi Tzani, coming from National Technical University of Athens, Greece. Andromachi worked on "The Biactivity of olive leave extracts on different natural deep eutectic systems".



Natalia Czerwinska from la Universita Politecnica delle Marche (Italy) visited la Faculdade de Ciencias e Tecnologia - Universidade Nova de Lisboa (Portugal). Natalia prepared activating carbons from coffee grounds and olive stones by chemical and physical activation.



Ioanna Kostopoulou from National Technical University of Athens (Greece), is visiting LAQV@REQUIMTE lab at the Faculty of Pharmacy, Porto, Portugal. Ioanna developed new Deep Eutectic Solvents for pharmaceutical applications.



Filipa Santos from the Nova School of Science and Technology, Caparica, Portugal visited the Department of Industrial Engineering, University of Salerno, Italy. Filipa worked on the formulation of inhalable particles for tuberculosis therapy using supercritical fluids.

Greenering Papers

After the 1st Greenering Conference, held in February 2021, participants were invited to submit papers in the Special Issue "Green Chemistry and Chemical Engineering towards upscaling sustainable processes – GREENERING" open in the Journal Sustainable Chemistry and Pharmacy

K. Irtiseva, V. Lapkovskis, V. Mironovs, J. Ozolins, V. Kumar Thakur, G. Goel, J. Baronins and A. Shishkin contributed to the publication untitled "Towards Next-Generation Sustainable Composites Made of Recycled Rubber, Cenospheres, and Biobinder". This collaboration work between laboratories from Latvia and laboratories from UK was accepted in the journal Polymers (MDPI).

Full paper: <https://www.mdpi.com/2073-4360/13/4/574>



<https://www.facebook.com/COSTgreenering/>



<https://www.linkedin.com/groups/8850764/>



<https://twitter.com/CGreenering?s=09>



[Cost_action_greenering](https://www.instagram.com/cost_action_greenering)

