

HORIZON EUROPE Grant Agreement nº 101080377 – C-Sink Actions required to secure the large-scale deployment of the leading CDR approaches to meet EU climate targets

Workshop with a focus on Biochar (hybrid)

 12th June 2024

 Mercure Porto Gaia Hotel, Porto (Portugal)

Workshop Agenda

Time	Item	Presenter
8:30 - 09:00	Registration	
09:00 - 09:10	Welcome	Ana Machado, IMF
09:10 - 09:30	C-SINK project presentation and biochar work in the project	Vanessa Nava/Ondřej Mašek, ICAMCYL/UED

1st Thematic Session: Biochar Use Cases

09:30 - 9:55	Impacts on multiple ecosystem services following biochar application in a biodiverse-sown pasture	Frank Verheijen Aveiro University
9:55 - 10:10	Sequential biochar uses	Ondřej Mašek, UED
10:10 - 10:25	Effects of straw-biochar mulching on runoff-erosion, organic matter content and CO ₂ fluxes of a soil from a vineyard in Alentejo (southern Portugal)	Sérgio Prats Évora University
10:25 - 10:55	1st Panel Discussion: Biochar Use Cases	ALL
10:55 - 11:25	Coffee break and posters exhibition	

2nd Thematic session: Biochar Permanence

11:25 - 11:50	Permanence or Permanent? Advanced Analytics to Determine Biochar Durability	Harald Bier, EBI
11:50 - 12:05	Biochar Permeance: Recent Trends and a Comprehensive Review	Ali Bertan, METU
12:05 - 12:20	Turning orchards into carbon assets: a biochar opportunity	Patricia Lourenço, AGROINSIDER
12:20 - 12:50	2nd Panel Discussion: Biochar Permanence	ALL
12:50 - 14:00	Lunch and networking	

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3rd Thematic session: Biochar Standardisation and Regulation

14:00 - 14:25	Biochar as Carbon Removal technology: EU policy and regulation	David Chiaramonti, Politecnico di Torino
14:25 - 14:40	Biochar as CDR strategy - Quality management systems for biochar	Raúl Carrillo Beltrán, IPC
14:40 - 14:55	Future-proof Biochar Carbon Removal Certification and Accounting through Digital Monitoring, Reporting and Verification	Anna Lehner, Carbonfuture
14:55 - 15:25	3rd Panel Discussion: Biochar Standardisation and Regulation	ALL
15:25 - 15:55	Coffee break and posters exhibition	

4th Thematic session: Biochar MRV Systems

15:55 - 16:20	Specifications obtained in the manufacture of biochar from citrus pruning in the province of Huelva	Evaristo Rafael, University of Jaén
16:20 - 16:35	Industrial-scale biochar production & WP3 pilot within C-SINK project	Ana Machado, IMF Evangelos Mouchos, MEM
16:35 - 16:50	MRV for tangible and verifiable biochar actions	Rui Lopes, CO2OFFSET
16:50 - 17:20	4th Panel Discussion: Biochar MRV Systems	ALL
17:20 - 17:40	“CO2 Removal Helix as a Powerful Clustering Tool”	Cais Jurgens, CHX
17:40 - 17:50	Closing of the event	