



Workshop CNPEM-USP-KU Leuven (EPNOE) Challenges and opportunities to promote Circular Bioeconomy 23rd and 24th November 2021

Online workshop via Zoom

9:00-13:00 (Brazil) - 13:00-17:00 (CET) - November 23rd

09:00 (BR) 13:00 (CET)	Opening (20 min): <ul style="list-style-type: none"> - EPNOE overview - CNPEM (Sirius) overview - USP (bioeconomy-oriented labs) overview - KU Leuven (bioeconomy-oriented labs) overview
09:20 (BR) 13:20 (CET)	Session I: Opportunities of cooperation and funding in Bioeconomy (Moderator: Pedro Fardim, KU Leuven)
09:20 (BR) 13:20 (CET)	Bioeconomy strategy and perspective in Brazil - Eduardo Couto – LNBR/CNPEM Director
09:40 (BR) 13:40 (CET)	Bioeconomy strategy and perspective in Europe – Roman Brenne - European Commission
10:00 (BR) 14:00 (CET)	Multi-lateral funding opportunities (Horizon) - Moacyr Martucci Jr, USP, National Contact Point Coordinator for the Horizon Europe, Brazil
10:20 (BR) 14:20 (CET)	Round-table with speakers (20-25 min)
Break - 5min	
10:50 (BR) 14:50 (CET)	Session II: Biotechnological advances in biomass conversion/valorization (Moderator: Mario Murakami)
10:50 (BR) 14:50 (CET)	A competitive fungal platform for advanced (lignocellulosic) sugars - Mario Murakami (LNBR-CNPEM)
11:10 (BR) 15:10 (CET)	Enzyme technology - Igor Polikarpov (USP-São Carlos)
11:30 (BR) 15:30 (CET)	Cell biofactories - Michael Sauer (BOKU, Austria)
11:50 (BR) 15:50 (CET)	Microbial platforms for biomass valorization - Kevin Verstrepen (KU Leuven)
12:10 (BR) 16:10 (CET)	Round-table with speakers (20-25 min)
12:35 (BR) 16:35 (CET)	Take home messages of day 1
12:25 (BR) 16:45 (CET)	End of Day 1



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09:00 (BR) 13:00 (CET)	Session III: New bio-based technologies for transportation and energy (Moderator: Elisabete Frollini)
09:00 (BR) 13:00 (CET)	Biofuels - Rene Wijffels (WUR, The Netherlands)
09:20 (BR) 13:20 (CET)	Current status of 2G ethanol in Brazil and worldwide - Tassia Junqueira (LNBR/CNPEM)
09:40 (BR) 13:40 (CET)	Raízen – leading the energy transition - Mateus Schreiner Garcez Lopes (Raizen)
10:00 (BR) 14:00 (CET)	Biofuels - Juha Lehtonen (VTT, Finland)
10:20 (BR) 14:20 (CET)	Round-table with speakers (20-25 min)
10:45 (BR) 14:45 (CET)	(Break) 5 min
10:50 (BR) 14:50 (CET)	Session IV: Bio-based polymers / Polysaccharide-based materials (Moderator: Carmen Freire)
10:50 (BR) 14:50 (CET)	Bio-based polymers - Bert Volkert (Fraunhofer, Germany)
11:10 (BR) 15:10 (CET)	Nanostructured materials and biosensors - Oswaldo Novaes Oliveira Jr. (USP)
11:30 (BR) 15:30 (CET)	Bioplastics & Bioeconomy based on territorial regeneration - Luigi Capuzzi (Novamont, Italy)
11:50 (BR) 15:50 (CET)	How bio-based plastics can contribute to a net-zero carbon circular economy – Yuki Hamilton Onda Kabe (Braskem)
12:10 (BR) 16:10 (CET)	Round-table with speakers (20-25 min)
12:35 (BR) 16:35 (CET)	Final remarks and next steps for collaboration
12:50 (BR) 16:50 (CET)	End of workshop