



### **3<sup>rd</sup> WASTE2H2 Workshop**

"Waste-to-gas cutting-edge technologies "

20-22<sup>nd</sup> February, 2023

#### **Agenda**

##### **Day 1 – 20<sup>th</sup> February**

9.00-9.30 h: Registration

9.30-10.00 h: Opening ceremony

*Speakers: Prof. Luís Loures (IPPortalegre), Prof. Paulo Brito (IPPortalegre)*

10.00-11.30 h: 1<sup>st</sup> Discussion Panel "Novel technologies for hydrogen, biomethane and overall renewable gas production: Portuguese developments"

*Moderator: Francesca Santoni (ENEA)*

*Experts: Margarida Gonçalves (FCT-NOVA), Diogo Santos (IST), Pedro Rodrigues (HyChem), Rui Galhano dos Santos (c5Lab/IST), Gonçalo Lourinho (CoLAB BIOREF)*

11.30-12.00 h: Coffee break

12.00-13.30 h: 2<sup>nd</sup> Discussion Panel "Renewable gas production: Policy and regulations – Does thermal gasification have a significant role in the upcoming years?"

*Moderator: Klas Engvall (KTH)*

*Experts: Campos Rodrigues (AP2H2), Tiago Maciel Pereira (Galp), Paulo Brito (IPPortalegre), Mafalda Ramos (Circle Molecule)*

13.30-15.00 h: Lunch

15.00-16.00 h: Visit to IPPortalegre's working facilities: BioBIP Energy



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16.00-20.30 h: Visit to Marvão and dinner at Varanda do Alentejo. End of Day 1

## Day 2 – 21<sup>st</sup> February

8.00-9.30 h: Trip to Évora

9.30 – 11.00 h: UÉvora project presentations

*Speaker: Diogo Canavarro "CER Infrastructure & Cooperation"*

11.00-11.30 h: Coffee break

11.30-13.00 h: Visit to Évora University, Chair of Renewable Energy:

*EMSP - Évora Molten Salt Platform*

*PECS - Plataforma de Ensaios de Concentradores Solares*

*Microrrede PV\*EES*

*Laboratório SoLab*

*Rede de monitorização DNI*

13.00-18.00 h: Free time to visit Évora

18.00-19.30 h: Return to Portalegre

20.00 h – Dinner at Hotel Palace Portalegre

### Day 3 – 22<sup>nd</sup> February

9.00 -10.15 h: PhD student's presentations

*Speaker 1: Philipp Graefe "CO<sub>2</sub> Fischer-Tropsch synthesis"*

*Speaker 2: Santa Margarida Santos "Refuse Derived Fuel as feedstock for energy production: Challenges and opportunities"*

*Speaker 3: Luís Calado "Development of integrated processes for the recovery of waste materials by thermal gasification"*

*Speaker 4: Ana Carolina Assis "Use of by-products from gasification and carbonization from polymeric residues and biomass for application in liquid phase adsorption"*

10.15-10.30 h: Coffee break

10.30-11.45 h: PhD student's presentations

*Speaker 1: Bruna Petry "Swine Biorefinery - PigWasteBioRefinery Project"*

*Speaker 2: Vítor Silva "Study of an integrated system for the production of sustainable biofuels from waste"*

*Speaker 3: Raul Micena "Technological routes for the energy use of Municipal Solid Waste in Brazil: alternatives to landfills"*

*Speaker 4: Yasmin Chaves "Potential of biogas production from mixtures of food waste and landfill leachate"*

11.45-12.15 h: Closing ceremony and end of workshop

*Speakers: WASTE2H<sub>2</sub> consortium*

12.15-13.00 h: WASTE2H<sub>2</sub> Consortium meeting