

Proposal title:

“Advanced direct biogas fuel processor for robust and cost-effective decentralised hydrogen production” BioRobur^{Plus}



Topic: FCH-02-2-2016. Development of compact reformers for distributed bio-hydrogen production

Funding scheme: Collaborative project

Start date of project: 1st January 2017

Duration: 54 months



Deliverable 7.4: Production and distribution of an educational CD-ROM

Organisation name of lead contractor for this deliverable: POLITO

Authors: Tonia TOMMASI-Debora FINO

Disemmination level: Public



1. Introduction

The present deliverable “**7.4: Production and distribution of an educational CD-ROM**” is part of the work package 7 (WP7), which ensure the dissemination of knowledge generated and to organize training activities. This workpackage is split into two tasks, both under the responsibility of POLITO. The specific objectives of the WP7 are:

- Organize dissemination activities (participation to conferences and organization of fairs, seminars, workshops, journal publications, website).
- Transfer of knowledge from the project partners to end users.
- Providing knowledge about the technologies developed during the project.
- Define dissemination routes and agreements for the project results, based on market analysis for the BioRobur^{plus} technologies
- Duly protect the knowledge and innovation generated, considering the possibility to apply for patenting at European level.

In particular, this deliverable referred to the task 7.4 focus on training activities, that are summarize into: Educational training, training events and Multimedia CD-ROM, where the last one is the last one is the objective of the present deliverable.

2. Focus on the Deliverable 7.4: Production and distribution of an educational CDROM

During the Final event, held online during the 30th European Biomass Conference EUCBE ([EUBCE 2021: App Home](#)) in the “speaker’s corner”, from 9:00 to 11:00 of 28th of April, 2022, was held a workshop/training event

- The EUCBE platform permitted to store in its platform all the video-presentations of the event, available (for free) for all the participants, in order to share and spread public information on **BIOROBURPLUS goals, CO₂ capture and utilization technologies**, with the following topic treated:
 - **Bioroburplus concept** | 10 min *Debora Fino, Politecnico di Torino*
 - **Materials (IRCE and SUPSI and ENGICER)** | 30 min *Yves Schuurman, Institute-of-research-on-catalysis-and-the-environment-of-lyon-(IRCE)*
Alberto Ortona, La Scuola universitaria professionale della Svizzera italiana (SUPSI)
Luca Ferrari, Engineered Ceramics (ENGICER)
 - **Key Components (KIT and DBI)** | 30 min *Christoph Wieland, Karlsruhe Institute of Technology, Technische Universität Bergakademie Freiberg (KIT)* *Stephan Anger (DBI)*
 - **Plant and Results (Acea and HST)** | 30 min *Viviana Negro, Acea Pinerolese Industriale Spa and Sorani Montenegro (HST)*
 - **LCA** | 10 min *Tonia Tommasi, Dept. of Applied Science and Technology, Politecnico di Torino*



- Differently on what suggested in the project proposal, it will be selected to distribute by EUCBE platform in comparison with a CD-ROM to keep the informative material in step with the times and also for the online modality of the event, due to the COVID-19 pandemic restrictions.

The presentations exposed were appreciated from the majority of participants, that found relevant and useful for their career/work the information object of the final event. In particular, they appreciated the overall concept for green hydrogen production, the new approach for biogas, the LCA and the Hydrogen production from low carbon sources and the utilization of biogas as renewable fuel for biohydrogen production, as reported in the satisfactory's questionnaire (details in D 7.3).

All concept that they can examine again and free- available where they want on the EUCBE platform.