



WASTE2H₂

WASTE TO HYDROGEN

Funding Opportunities (Interim Report)

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Abstract

This report briefly describes the WASTE2H2 activities related to Task 1.3 Funding Opportunities Roadmap in WP1 of the project. The initial discussions to prepare a funding opportunities road took place at the exploratory visit at KTH Wednesday 29th of September 2021. During this meeting the group identified both several potential EU calls for a joint project proposal and a tentative project idea. Thereafter, subsequent meetings further refined the project idea and finally resulted in a EU submission February 23rd 2022.

Document History

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22/04 2022	1	Klas Engvall (KTH)	First version of the document
30/04/2022	2	Paulo Brito (IPPortalegre); Catarina Nobre (IPPortalegre)	Final version of the document

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1. Introduction

This report briefly describes the WASTE2H₂ activities related to Task 1.3 Funding Opportunities Roadmap in WP1 of the project. The activities are part of the strategy to enable a development a high scientific level team at IPP by finding appropriate funding and resources to ensure continuous evolution of the R&D at IPP. This will be achieved by internal meeting in the consortium but also by dialogues and dissemination of information allowing identification of potential cooperation opportunities and the development of joint research funding projects at national and international levels.

KTH, KIT and INEA will focus on identifying and developing joint projects (a series of possible collaborations) while IPPortalegre will focus on finding diversified sources of funding for their Institution as well as possible private funding contracts (mid- and long-term frameworks) at Regional, National and Transnational levels.

2. Funding Opportunity meetings

The approach to identify funding opportunities was initiated at a meeting at KTH where initial discussions to prepare a funding opportunities road took place at the exploratory visit at KTH Wednesday 29th of September 2021. The participants in this meeting were Klas Engvall (KTH), Efthymios Kantarelis (KTH), Paulo Brito (IPP), Reinhard Rauch (KIT), Philipp Graefe (KIT, Massimiliano Della Pietra (ENEA) and Stephen McPhail (ENEA). During this meeting the group identified both several potential EU calls for a joint project proposal and a time plan for further discussions. The EU calls identified so far are listed in Table 1.

Table 1 Identified EU calls

Topic ID	Topic	Deadline
HORIZON-CL5-2021-D3-03-02	Next generation of renewable energy technologies	February 23 rd , 2022
HORIZON-CL5-2021-D3-02-03	Hybrid catalytic conversion of renewable energy to carbon-neutral fuels	February 23 rd , 2022
HORIZON-CL5-2022-D3-03-07	Development of algal and renewable fuels of non-biological origin	January 10 th , 2022

In a series of subsequent meetings, during October – November, aimed at identifying and refining a suitable project idea, a final project idea was concluded. The calls identified as appropriate are the first two listed with a deadline February 23rd, 2022. KTH attained the lead for the application as the main applicant. The application was submitted to the call: HORIZON-CL5-2021-D3-03-02 Next generation of renewable energy technologies with the acronym and title as follows:

CONFLUENCE: CarbOn Neutral liquid Fuel prodUction via innovativE biomass gasificatiON coupled with molten Carbonate Electrolysis The full application submitted can be found in Appendix 1.