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REDHY

Redox-Mediated economic, critical raw material free, low capex and highly efficient green hydrogen production technology

REDHY - Deliverable report

D2.2 – Synthesis of mediators

Deliverable No.	2.2	
Related WP	WP2	
Deliverable Title	Synthesis of mediators	
Milestone Date	22/07/2026	
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Document History

Version	Date	Editing done by	Remarks
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Public Summary

In WP2, the synthesis, intentional modification, and assessment of the redox performance of two types of redox mediators will be conducted using suitable carbon electrodes to enhance the hydrogen evolution reaction (HER) and the oxygen evolution reaction (OER). Task 2.2 involves the synthesis of mediators to provide the required amounts for characterization and initial trials. Deliverable 2.2. involves the report on the mediator syntheses, as well as their physicochemical and electrochemical characterization.

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Project partners:

#	Partner short name	Partner Full Name
1	DLR	DEUTSCHES ZENTRUM FUR LUFT – UND RAUMFARHT EV
2	CNRS	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
3	UNR	UNIRESEARCH BV
4	UPV	UNIVERSITAT POLITECNICA DE VALANCIA
5	IDN	INDUSTRIE DE NORA SPA-IDN
6	CENMAT	CUTTING-EDGE NANOMATERIALS CENMAT UG HAFTUNGSBESCHRÄANKT
7	CNR	CONSIGLIO NAZIONALE DELLE RICERCHE

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