The AEM-HUB Cluster

ANIONE

NEWELY
Next Generation Water Electrolyser
H_2

CHANNEL

AEM HUB
Reshaping green hydrogen production

The projects in the **AEM-Hub** aim at **developing solutions** for efficient and sustainable storage of renewable energy by converting electricity into **hydrogen** via advanced anion exchange membrane (**AEM**) water electrolysis (**WE**).

AEM HUB

Reshaping green hydrogen production

Website coming soon to be implemented into Projects' webpages

Objectives

- To develop standardised test protocols and terminology for AEM electrolysis research
- To develop innovative AEMs with high performances
- To optimise non-PGM electrocatalysts for AEM WE systems
- To demonstrate 2 kW AEM WE stack prototypes operating at high pressure

Impacts

The AEM-HUB projects will push the development of AEM water electrolysis systems towards lower costs, higher efficiency, and increased sustainability. This will pave the way for larger-scale implementation of the technology and make Europe a global leader in green hydrogen production.

Learn more on how we are pursuing our mission of a green and sustainable world!

NEWELY
- www.newely.eu
- NewelyProject/
- company/newely-project/

CHANNEL
- www.channel-fch.eu
- CHANNEL_FCH
- company/channel-fch/

ANIONE
- www.anione.eu

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HORIZON RESULTS BOOSTER

An initiative of the European Commission

horizonresultsbooster.eu