



GREEN HYDROGEN TO SUPPLY AFRICAN COMMUNITIES WITH STABLE ELECTRICITY

GH-SAFE explores how surplus solar energy can be transformed into green hydrogen and safely stored for later use.

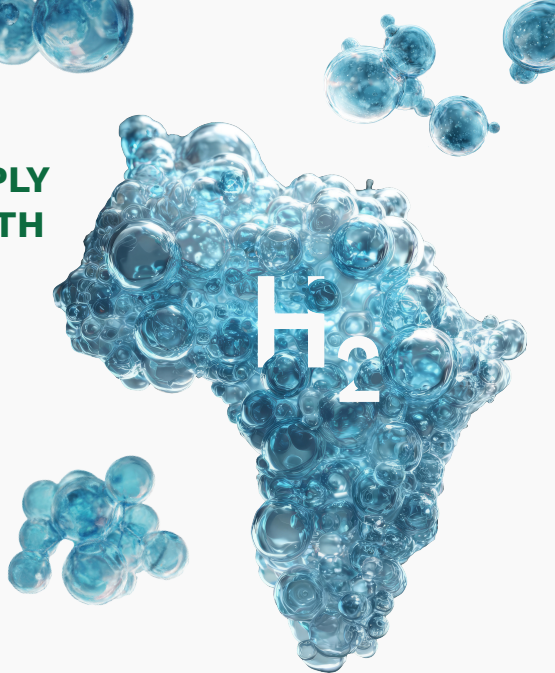


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This project has been funded by ANR, FCT, MESRI, MUR, DSTI-NRF, ARI, Projektträger Jülich PTJ, LGI under the LEAP-SE project that has received funding from the European Union's Horizon Europe Program Cofund Action under Grant Agreement 101172838



RELIABLE GREEN ENERGY FOR RURAL COMMUNITIES



Converts surplus solar energy into green hydrogen for safe storage and later use

Provides stable electricity when solar power is unavailable

Combines hydrogen storage technologies with retrofitted diesel generators



Supports affordable, sustainable, and low-emission off-grid energy solutions

Promotes community energy services, leasing models, and local cooperatives

Strengthens skills and knowledge exchange between Africa and Europe through training and stakeholder engagement



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