



Hydrogen and renewable fuels

- The call module aims to **fund research and innovation projects targeting the development and implementation of technologies across the entire value chain of hydrogen and renewable and advanced fuels**, including production, transport, storage, and end-use, including security aspects.
- Funded projects are expected to significantly accelerate the development and utilization of hydrogen and renewable fuel technologies, thereby **expediting the deployment of new and cost-efficient solutions that contribute to the green transition**.
- Projects could also encompass a **broad spectrum of technology areas**, ranging from new processes for hydrogen and renewable fuels production to the development of reliable and low-cost production technologies for advanced fuels.
- Additionally, the call includes initiatives for secure and safe hydrogen **storage** using solid and liquid carriers, as well as the establishment of **new infrastructures and end-use technologies** across residential, industrial, and mobility sectors.

Target Topics

- **Hydrogen and renewable fuels production** using new and improved processes
- Reliable and low-cost **production technologies of new and advanced fuels**
- Hydrogen and renewable **fuel distribution** using **new and adapted infrastructures**, and in the case of hydrogen considering different types of carriers
- Secure and safe **fuel storage**, in the case of hydrogen including geological storage, and using solid and liquid carriers
- **New and adapted end-use technologies**, including the industrial, residential and transport (e.g. heavy-duty vehicles, off-road and agricultural machinery, and including aviation and maritime) sectors