

Safe Operations in Hydrogen-based Industry

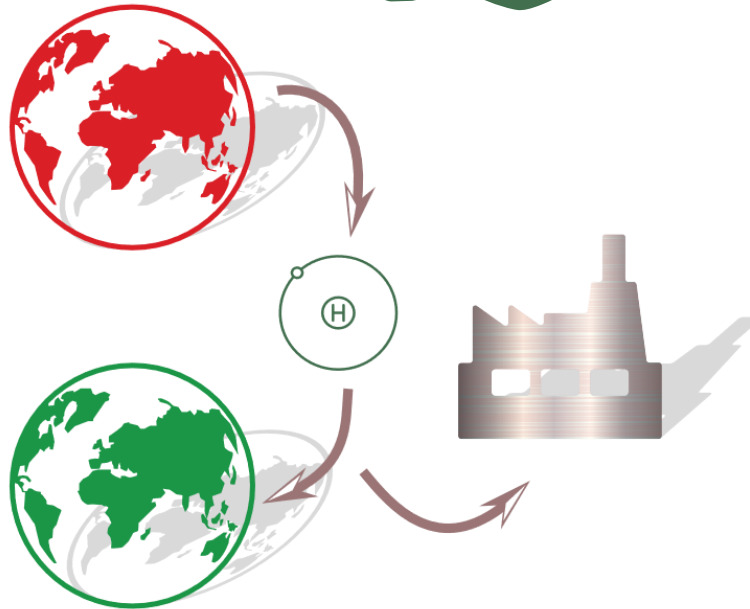
Introduction

As part of the HyInHeat project, through the creation of safety training material, the scholarship will assist with the integration of hydrogen in high temperature heating processes taking place within steel and aluminum manufacturing.

The HyInHeat project is one of the first EU funded projects that has a section in a Work package that is dedicated to the creation of safety training material.

Primary objective

- Creation of modular safety training material covering:
 - Normal operations
 - Maintenance operations
 - Critical events



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Related projects: *Hydrogen technologies for decarbonization of industrial heating processes (HyInHeat)*

Master of Engineering of
Chemical Processes

Bachelor in Engineering in
Chemical Engineering

Experience in molecular dynamics
for CO₂ capture, medical device
manufacturing, food engineering,
dyes, tensio-active agents



Estimated progress of the PhD project:



Publications:

- Hazards33 IChemE:
- ESREL2024
- CISAP11