

NHyRA

pre-Normative Research on Hydrogen Releases Assessment



About the project

Hydrogen (H₂) will play a pivotal role in achieving climate neutrality. As larger amounts are expected to be produced in the future, assessing the quantity released from the H₂ value chain is very challenging since insufficient or no standardised data can be found in the literature. The NHyRA project aims to fill the knowledge gaps about the amount of anthropogenic H₂ released into the atmosphere from the entire H₂ value chain.

Objectives

To achieve its aim NHyRA will develop the following mitigation strategies:

- ↪ Creating a universally accepted and open-access inventory of the H₂ releases to serve as a reference for the scientific and industrial community
- ↪ Delivering validated methodologies and techniques for measuring or calculating these releases
- ↪ Improving the quantification capability of small and large releases
- ↪ Identifying and prioritising effective mitigation actions

Project Participants



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