

PLANNING HYDROGEN INFRASTRUCTURE

with TedHy by PERSEE

IS TEDHY FOR YOU?

A wide-range of users

Are you an Industry representatives using H₂ as a feedstock looking for a greener supply? Are you a Renewable energy developers looking for alternative ways to secure value for your energy? Are you a City or Region embarking on an H₂ journey? Or are you part of or a Group of stakeholders jointly looking into a collaborative hydrogen project? TedHy is for you!

HOW CAN TEDHY HELP?

Qualifying the field of possibilities

TedHy facilitates the generation and examination of possible infrastructure pathways and deployment options, presenting a holistic perspective. It provides a comprehensive analysis for each pathway also called scenario, encompassing technical, operational, and environmental aspects, facilitating straightforward comparisons among them.

HOW DOES IT WORK?

Online driven methodology and process

The process commences by creating a quantitative and georeferenced map of your project's context. The data undergoes preprocessing and is then combined with your preferences and constraints within the TedHy algorithms. The outcome consists of a comprehensive array of scenarios, presented through their various perspectives. This entire experience is web-based and designed for user-friendly navigation...

WHAT'S SPECIAL ABOUT IT?

Simulation by advanced data management

TedHy builds upon an extensive equipment database that originated in 2013 and has since been enriched through hands-on project experiences and ongoing literature reviews. It incorporates an advanced modeling of hydrogen infrastructure which is unique today in the industry. Ultimately, the user-friendliness of tedHy is enhanced through continuous customer feedback and ongoing improvements.

OUTCOME

Deciding and orientating the future course of action

Upon project completion, you'll possess well-defined plans for your upcoming infrastructure, encompassing the sizing of key influencing factors. These plans are adaptable and can be fine-tuned or re-evaluated as the context reality unfolds. They already serve as the foundational framework for your future action plan..