

H₂.Permit – Approval of hydrogen facilities

Hydrogen expertise for industry, utilities, and investors



Your benefits

It is considered an essential element for the long-term success of the energy transition and will play a key role as a versatile energy source: hydrogen. Its fields of application range from industrial processes to energy and heat generation to emission-free mobility.

The experts at DMT ENERGY ENGINEERS support companies, industry, and municipalities in their transformation processes and develop projects along the hydrogen value chain: from hydrogen production and infrastructure to application.

Based on many years of experience and comprehensive knowledge in the field of hydrogen technology, all relevant technical, regulatory, and economic conditions are considered.

We support you throughout all processes and develop customized solutions that take your initial situation and objectives into account.

Our expertise

- Preparation of the permit application in accordance with the Federal Immission Control Act (BImSchG), the Industrial Safety Regulation (BetrSichV), and any supplementary legal provisions
- Communication with authorities and other stakeholders
- Definition of plant parameters (pre-design)
- Planning, preparation, and implementation of scoping meetings, application conferences, and public participation
- Plant engineering simulations and technical design of the overall system and individual components (basic design)
- Preparation of reports relevant to approval (e.g., explosion protection)
- Assignment, supervision, and review of external expert opinions (e.g., test report in accordance with § 18 BetrSichV)
- Printing and shipping of reports and plans
- Submission of approval documents to the competent authority (physically and/or digitally via ELiA)
- Support during the approval process after submission of the application (authority management)
- Strategic support in publicizing the approval to the public

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