

## H<sub>2</sub>.Parks – Design and planning of hydrogen plants

Hydrogen expertise for industry, provider, municipalities and regions



### 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

- Feasibility studies for electrolysers, hydrogen filling stations, hydrogen burners, and fuel cells
- Technical analyses to evaluate the location and infrastructure conditions
- Plant engineering simulations and technical design of overall systems and individual components
- Selection of suitable technology
- Economic evaluation by determining the investment and operating costs as well as suitable subsidies
- Preparation of business cases, considering operator models as well as customer supplier relationships
- Evaluation of regulatory approval issues at the site (e.g., Federal Immission Control Act, BetrSichV, noise protection, etc.)
- Subsidy consulting and application
- Support with project implementation and system installation, e.g., engineering, official applications, and necessary expert reports

### DMT ENERGY ENGINEERS GmbH

Am TÜV 1, 45307 Essen  
Jan Simoneit, PC Hydrogen  
+49 160 639 980 5  
simoneit@energy-engineers.de  
energy-engineers.de