

Company Profile

Tellus Energy Solutions GmbH is pioneering sustainable energy solutions by combining the exploration and production of natural hydrogen and geothermal energy. Founded in Bavaria, Germany, we are committed to developing clean energy on site to power local communities and industries while reducing the carbon footprint.

Our Mission

Tellus Energy Solutions wants to transform the energy landscape by providing sustainable, clean decentralized solutions. We do this through the development of natural hydrogen and geothermal energy to foster energy independence for local communities.

Our Vision

We envision a future where natural hydrogen and geothermal energy power resilient and self-sustaining communities and local industries, contributing to a balanced, low-carbon energy mix.

Our Founding Team & Expertise

Dr. Jürgen Grötsch, a seasoned geoscientist with over 30 years of experience with Shell in energy project development, has worked extensively in both academia and the industry. His expertise ensures our projects are both scientifically sound and technically viable. **Peter Zaal**, a finance professional with over 30 years of experience in Shell, brings deep financial expertise to ensure our operations will be cost-effective and commercially viable. **Dr. Barbara Steinbauer-Grötsch**, a senior communications expert, is engaging with stakeholders, promoting transparency, and building public support, making her crucial in connecting our vision to the public.

Our Approach

Tellus Energy Solutions GmbH utilizes a de-risked development model that minimizes technical, financial and operational challenges. Our integrated approach to producing natural hydrogen and geothermal energy from Bavarian geological formations ensures a reliable and scalable clean energy source.

Our Strategy

We aim to develop scalable hydrogen production sites that integrate seamlessly with local communities, providing cost-efficient, sustainable energy while fostering economic growth and energy independence as summarized in the following key drivers:

- **Sustainability:** Low-carbon footprint, environmentally friendly energy production method.
- **Local Empowerment:** Energy produced close to where it is consumed, increasing efficiency whilst reducing transportation emissions and costs.
- **Synergy:** Complementing wind and solar renewable sources, supplementing the future energy mix.
- **Cost Efficiency:** Scalable, low-cost solutions that foster local economic growth and energy security.

At Tellus Energy Solutions, we are committed to unlocking the full potential of natural hydrogen and geothermal energy. Our model is designed for global replication, making our solutions adaptable to suitable regions and energy needs worldwide.