

GP JOULE

TRUST YOUR ENERGY.

100%
RENEWABLE



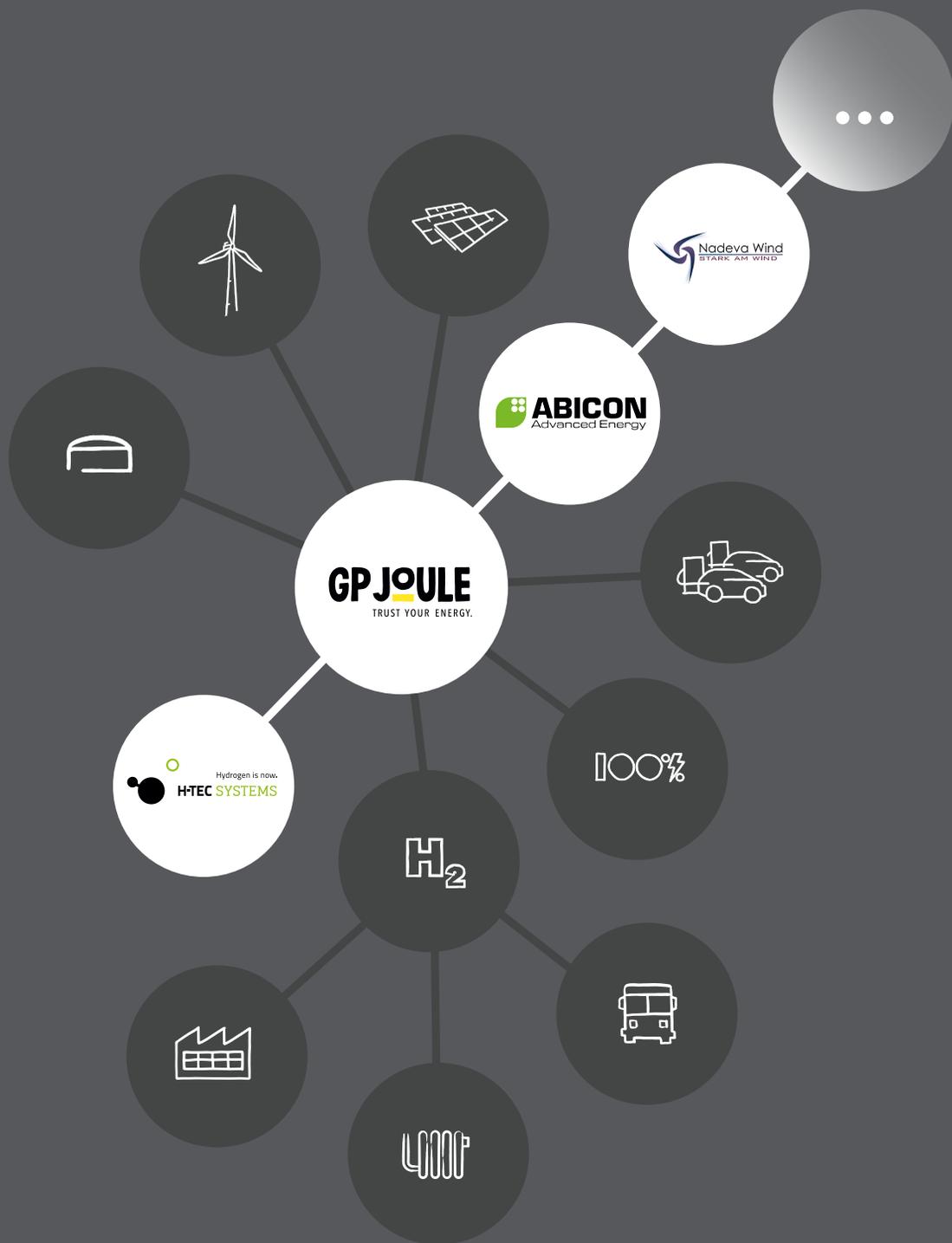
Sustainable and smart energy supply worldwide is one of the major tasks for our society. With our products, services and qualified staff we provide solutions fit for this task. In doing so we focus on providing our consumers and customers with value adding benefits without introducing restrictions.

Our agricultural background means that successful business in harmony with nature is the guideline for all our activity. For us, progress means acting in an economically and ecologically sensible way, without losing sight of society's perspective, but rather considering it in the process.

We act based on our conviction and sense of responsibility to humanity and future generations.

Ove Petersen, co-founder of GP JOULE





We offer a holistic approach to providing regenerative energy generation from sun, wind and biomass, and also have many years of experience at the supply level for mobility, heating and industry.

In addition and through our subsidiary companies we have access to the technology and knowledge to enhance electricity for new markets. We apply this knowledge and our network to develop integrated energy solutions that ensure decarbonisation takes place in a value-creating and sustainable way.

Our services are performed by a strong team that approaches challenges in a motivated and forward-thinking manner. We start answering tomorrow's energy questions today.



We develop value: from green fields to EV charging stations.

By extending the value chain of renewable energies, we secure sustainable energy supply. Our services therefore provide a complete offering, from project development to processing of electricity into hydrogen, heat or mobility. In this way, all the processes from generation to consumption of the energy are from a single source and can be coordinated in economic, technical and societal terms for an optimal result – that is our aim!

PROJECT DEVELOPMENT

Tailored solutions for PV, wind and biomass

Our extensive project partnership experience as well as our focus on protecting regional value creation enable smooth project workflows as well as strategic planning and customised solutions. This means economic efficiency and tailored ecological quality.

- Sight acquisition
- Acquisition of project rights
- Strategic planning and development
- Legal and regulatory planning
- Permitting planning





FINANCING

Energy investment strategies for value creators

Acquiring and operating renewable-energy projects is an investment into the future – as is participating in them. As experienced project managers and operators, with quick and exclusive access to the market and intelligent usage models, we recognise opportunities, understand projects and secure the future.

- Extensive investment portfolio in the area of renewable energies
- Acquisition of solar, wind and infrastructure projects
- Initiation of participation schemes
- Financing of energy infrastructure
- Optimisation of energy yields
- Strategic and operative asset management

EPC

Turnkey installations for our customers

We are your partner from technical project planning and component procurement to construction and system approval. Our understanding of an operator's requirements allows us to implement projects that fulfil all specifications from a technical and construction perspective.

Engineering, procurement and construction for:

- Ground-mounted and rooftop PV in Europe and North America
- Onshore wind farms in Europe
- Biogas, district heating and electricity infrastructure in Germany
- EV charging infrastructure and charging systems in Europe





SERVICE

Operational management that can be measured

Operating a wind farm or solar projects takes more than one-off technical and commercial operations management. It needs people that are hands-on, smart yet constantly strive to improve and take responsibility. This is what we are, throughout Germany and internationally. For certified quality made in Germany.

- O&M and commercial management for PV in Europe
- TCM for wind power in Europe
- Assistance with approval of the continued operation of renewable energy plants
- Modular service offering
- Certified process and quality management
- Continuous system monitoring
- Meaningful reports management
- Management-software via app

THINK

Integrated energy solutions on demand

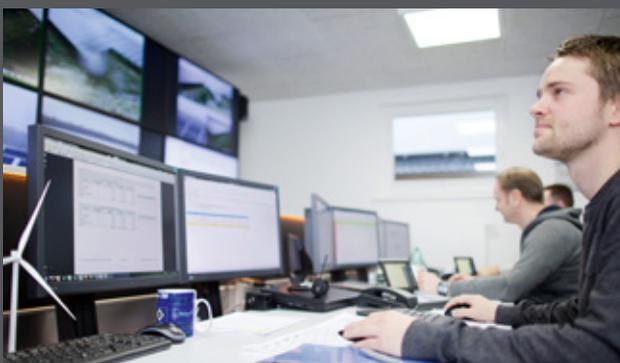
GP JOULE has built a wealth of experience in renewable energies - which provides the basis for future innovation. We recognise potential and develop it into business cases.

The generation, storage and transformation of energy play an equally important role to an intelligent use and management of energy networks.

- Coupling of the electricity, heating and mobility sectors
- Concepts for post-EEG (German Renewable Energy Sources Act) operation of renewable-energy systems
- Economical and technical planning/implementation
- Re-municipalisation of local energy supply

District heating solutions

- Energy profile / consideration of existing energy resources and consumption
- Commercial and technical planning of demand-driven energy concepts
- Project coordination and implementation
- Cooperative establishment and operation of municipal utilities with communities





CONNECT

Modular, intelligent energy and mobility solutions

We ensure efficient and convenient use of renewable energies. With our service spectrum relating to the core products of electricity and charging infrastructure, we create holistic solutions at the hardware and software level. The focus is on: residential sector, industry, municipalities, public services and tourism.

- Charging infrastructure from the wall box and fleet solution to charging and load management
- Energy supply with electricity and gas from renewable energy sources
- Mobility service provider with a charging network of over 18,000 charging points
- E-mobility for a monthly tariff: mobility as a service

Added value for municipalities and tourism

- E-mobility analysis
- Mobility container for tourism and municipalities
- E-bike sharing
- Car sharing
- Charging infrastructure



H-TEC SYSTEMS

Hydrogen - storage medium and fuel of the future

H-TEC SYSTEMS, a subsidiary of GP JOULE, has set itself the goal of implementing the lowest cost transformation of electricity into hydrogen through PEM electrolysis. The compact generation and storage of hydrogen from wind and solar electricity is an important key to a successful energy revolution.

- Serial production of turnkey PEM electrolyzers
- Production of PEM electrolysis stacks in different power classes
- Innovative research and development
- Industrial sector applications



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