

The Energy Transition? **Let's do it.**

Holistic Energy Concepts | Wind, Solar & Sector-Coupling

MICHAEL RASCHEMANN

Founder

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*Our name stands for innovation,
fairness and passion*



A large wind turbine is being constructed in a green field. Two large cranes are positioned next to the turbine's tower, with one crane's arm extending high up towards the nacelle. The sky is overcast and grey. In the background, other wind turbines are visible on the horizon.

ENERGIEQUELLE

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*Your partner in
the Energy Transition.*
Since 1997.

Welcome to Energiequelle **Our vision**

Wind, sun and biomass are everywhere. We are convinced that renewable energy is the way forward. At the same time, we believe it is important to keep track of the “bigger picture”. We are the ones to contact if you care about sustainable energy – for the good of the environment and of generations to come.

The power plants
we have built supply

700.000

households.

Energy with a Future

A Success Story

More than 25 years ago, our commitment and passion led us into the renewable energy sector. We are still moving ahead.

THE BEGINNING

Renewable energy projects have been our business since 1997. We develop, construct and operate wind turbines and photovoltaic plants, transformer substations and battery storage systems. In addition, we work on innovative energy supply systems, manage the repowering of older power plants and supply our consumers with sustainably produced electricity through our subsidiary eqSTROM.

We are an international company with more than 400 employees in Germany, France, Finland and Poland. In everything we do, it is important to us that our stakeholders benefit from our renewable energy projects and that we make a significant contribution to the energy transition together, now and in the future.



MICHAEL KNAPE
Mayor of Treuenbrietzen



In Energiequelle, we have an approachable and far-sighted partner at our side, with whom we work with on an equal footing.

We highly value their reliability, their experience, and the personal service they provide.

CORPORATE CULTURE

Our team is shaped by the company's open and supportive corporate culture. It is important to us that we are honest and considerate in our dealings with each other. Our communication is appreciative, we are always fair and we keep our word. Moreover, we are passionate about what we do and are united in our common mission.



Founding
1997



more than
400
employees



INTER-
national



Recommendation
100%
in operational
management



We deal with more than wind energy

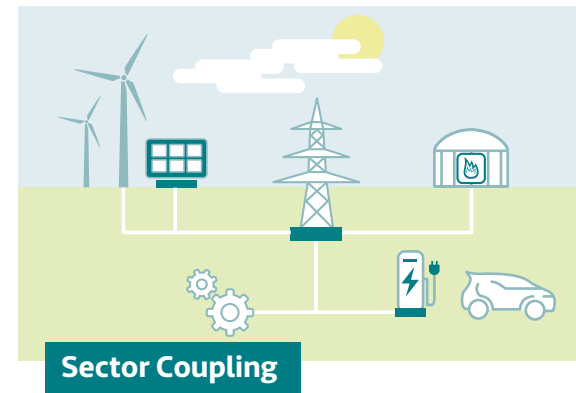
An overview of our business

*Energiequelle is a versatile partner in the renewable energy sector.
In Germany and internationally as well.*



Wind

Our core business is the planning and implementation of wind farms. We develop projects for our own portfolio, for sale purposes, or as a service provider of turnkey solutions for investors and partners. We maintain good relationships with several manufacturers and have constructed more than 750 turbines to date. We have more than 25 years' experience in the wind energy sector on the basis of tendering – and, more recently, with PPAs.



Sector Coupling

Efficient sector coupling ensures stable and cost-efficient energy on the long term. Our main focus is on power-to-x solutions but we are also involved in the research and development of power from green hydrogen.



Innovation

We offer innovative infrastructure solutions and develop holistic energy concepts. Our primary goal as a service provider is the reduction of CO₂ emissions through customised energy efficiency solutions based on new business models.



JEAN-PAUL MÖCKEL

Devision Departement



We are involved in a large number of research projects to help drive innovation forward in the energy sector.



Photovoltaics

Alongside wind turbines, photovoltaics are a leading source of renewable energy. We plan large solar farms independently of the Renewable Energy Sources Act (EEG) or PPAs as well as groundmounted systems subsidised under the EEG.



Grid Solutions

We plan and implement energy grids and transformer substations and connect them to the public grid. We make all the necessary arrangements with the grid provider, in compliance with the relevant DIN/VDE standards. Not only for our own projects, but for third parties too.



Electricity Supplier

Our subsidiary eqSTROM, supplies our customers with electricity from 100 % renewable sources.

We are your Full-Service Provider

Our Portfolio



Project Development

Implementing a renewable energy project is complex, requires a careful approach and needs to respect the interests of all stakeholders. Energiequelle take all the necessary steps up to implementation and operation – from securing the land and dealing with complex approval procedures, to constructing and commissioning the power plant.



Operations Management

As an experienced partner, we offer comprehensive technical support. In our state-of-the-art control room, our technicians and engineers keep a constant eye on the technical status of the plants, making it possible for us to respond quickly and easily if faults occur or maintenance work is necessary. Our commercial operational management team looks after lease management and distribution of revenue, as well as attending to insurance matters and tax issues. Our portfolio includes facility maintenance and infrastructure upkeep around the power plants. And much more.



Repowering

Repowering involves replacing outdated power plants with new ones, which are equipped with the latest technology. In doing so, Energiequelle ensure the sustainable and optimal use of the designated land. The advantages afforded by the newest generation of wind turbines are evident on the landscape. The longer rotor blades turn much more slowly. Also, the new wind turbines are built further away from residential areas, to the benefit of communities and residents.



Co-operation & Project Procurement

Beside planning our own projects, we also offer to work in partnership and acquire third party projects or take over specific tasks as a subcontractor. Regardless of when we step in, our good financial standing and experience allow for quick and professional implementation.



Finance and Sales

We know the renewable energy market inside out. Our sales representatives maintain long-standing relationships with credit institutions and investors, enabling us to benefit from innovative and tailored financial solutions for our national and international projects. Our investors also profit from our customised investment opportunities, which guarantee them attractive returns.

A CrefoZert solvency certificate reconfirms our excellent credit rating every year.



Energy Efficiency in Buildings

Our four-pillared model offers commercial customers tailored energy efficiency solutions that are not only good for the environment, but also reduce costs. Alongside technology solutions for energy savings and self-supply, we offer the option of a suitable operating model, with the green electricity and a sustainability strategy to accompany it.

Success through Acceptance

Importance of Community Engagement

Only together with local communities and residents can we implement our projects and play our part in the energy transition.

Our priority is to get in touch with everyone involved as early as possible. We basically want to provide locals with a constant flow of information, transparency and the opportunity to meet us on their home turf. For this, we have developed a variety of event formats, offer workshops and consultation sessions and set up project websites.

Our Aims

- ✓ to raise awareness and explain the connection between climate change and wind energy development
- ✓ to engage locals at the planning stage and before project launches
- ✓ to generate added value for the local community and individual residents
- ✓ to resolve local issues, for example by using technology to switch off lights at night

Attractive financial solutions and community participation models.



Renewables are not only good for the environment. For many years now, we have supported social and cultural projects in those regions of Germany in which we operate. More recently, we set up the Energiequelle Foundation for this purpose. Our aim is to raise awareness on issues involving environment and climate protection. We want to contribute to a future worth living for our children and our grandchildren. To this end, we support science projects and research into renewable energy. Moreover, we are actively engaged in arts and culture, education and sport, plant and animal conservation, civil and consumer protection, as well as youth welfare and care of the elderly.



DOREEN RASCHEMANN
Chair Energiequelle Foundation



Our subsidiary eqSTROM supplies customers with our own green electricity. For each project, we systematically check whether we can offer a discounted tariff. As a result, locals benefit not only from sustainably produced electricity, but also from a price that normally lies below the average. This is but one way in which we secure added value for the region...



INES BLUM & ANTONIA REISENER
Customer Services eqSTROM

References

100 % Energiequelle.
Something we are proud of.



Wind, Photovoltaik and Biogas at the Lausitzring

The project „Green Lausitzring“, the German test and race track, is gradually becoming self-sufficient with self-generated electricity and heating. The world's most powerful onshore wind turbine to date, built and commissioned by Energiequelle, generates 12 million kilowatt hours of electricity every year. Other components, which were finalised at an earlier stage, are a solar carport with an adjacent solar filling station and a biogas plant, also built by Energiequelle, which generates electricity and heat.



Grid Connection in Ganzlin

We were commissioned by Clenergy Global Projects GmbH to connect Ganzlin Solar Farm to the grid. As well as installing the cables, this also involved building the transformer substation and the transfer station.

A special feature in Ganzlin was that alongside delivery, development and commissioning, we also took on the remit of securing of the cable route and finalising licensing agreements with the land owners.



PETRA RICHTER
Feldheim Village Representative



We are proud of what have achieved together with Energiequelle in Feldheim. As an energy self-sufficient village, we are best-prepared for the future, when we will hand down environmentally-friendly electricity and heating to our children and grandchildren.



Wind Farm in Paltusmäki, Finland

Palutsmäki in the region of North Ostrobothnia was our first Finnish wind park, which we implemented together with our subsidiary Energiequelle Oy. We constructed five Enercon wind turbines, each with 4.3 MW of rated power. The wind farm is located in the forest and was implemented on the basis of a PPA. We currently have more than 1,000 MW in our Finnish pipeline.



Energy Self-Sufficient Feldheim

Feldheim is the first energy self-sufficient village in Germany! The nearby wind farm with its 55 wind turbines supplies most of the village's electricity, while heat for the local heating grid is generated in the biogas plant. On especially cold days, a modern woodchip burner and a power-to-heat plant deliver additional heat. Besides supplying Feldheim with carbon neutral energy, in 2017 we commissioned the then most powerful battery storage system in Germany in the village. It regulates the transmission grid by ensuring a constant balance between generation and consumption. In doing so, it provides an essential system service.



Wind Farm in Senonnes, France

Our subsidiary P&T Technologie constructed five E-82 wind turbines at our Senonnes wind farm in South West France. Following lengthy legal proceedings, including several court hearings, we were finally able to commission the wind farm in 2019, at the end of 11 years of development. Two of the turbines were built on pile foundations. The electricity from the wind farm is marketed directly. In all, we have connected more than 200 MW to the grid in France and a further 80 MW, including some PV, are currently being implemented.

Wind Energy
over 730 turbines
more than 1,400 MW

Photovoltaic
over 35 PV farms
more than 100 MW

Biogas
18 plants
11 MW electric power

Grids
21 transformer substations
1,740 MVA

Battery Storage
1 storage system
10 MW

Our Awards



Partner for Fair Wind Energy

In 2017, the Thuringia Energy and Green Tech Agency awarded us the seal "Achieving more together through Fairness" for compliance with their standards for local engagement, transparency and awareness-raising.



Excellent Credit Rating

We have been awarded a CrefoZert solvency certificate every year since 2016. Only 1.7% of German companies succeed in satisfying the strict criteria of the CrefoZert award.



EMAS Environmental Impact Assessment

The principles of environmental protection are firmly anchored in Energiequelle's environmental guidelines and are constantly expanded. Following a successful audit, we were awarded a certificate for the introduction of an environmental management system which complies with EMAS specifications.

International Success

Renewable energy knows no boundaries and is available all over the world. As we pursue our goal of helping to make green energy accessible to everyone, our teams are working to deliver our services beyond Germany's borders. With our extensive know-how and attractive financing models, we plan and implement power plants of the highest quality and performance throughout Europe and beyond.



NILS BORSTELMANN

Managing Director, Energiequelle OY Finland

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Our team is growing day by day and with it our international activity. This is great for me and for our company.



Locations in Germany

Energiequelle GmbH
01 | Kallinchen (Head office)
02 | Bremen
03 | Berlin
04 | Erfurt
05 | Oldenburg
06 | Rostock
07 | Magdeburg
08 | Penzing
09 | Dresden
10 | Putlitz
11 | Wiesbaden
12 | Spremberg
13 | Hanover
14 | Luckenwalde
15 | Leipzig
16 | Guntersblum

Locations in France

P&T Technology
17 | Rennes
18 | Bordeaux
19 | Dijon

Locations in Finland

Energiequelle Oy
20 | Helsinki

Locations in Poland

Energiequelle Sp. z o.o.
21 | Poznan



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Your partner for renewable energy.
Personable, reliable und innovative.

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