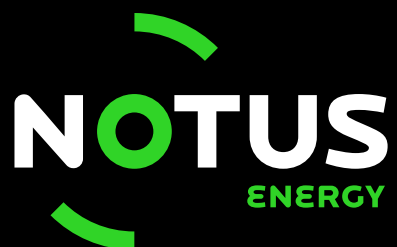




# NOTUS ENERGY

POWER ON YOUR SIDE.





**THE FUTURE WILL BE  
SHAPED BY THE WIND  
AND THE SUN.**





# NOTUS ENERGY

## YOUR STRONG PARTNER FOR WIND AND SOLAR ENERGY

MEXICO

COLOMBIA

CHILE

When we founded NOTUS energy in 2001, nobody seriously believed we would **completely switch to renewable and climate-friendly energy sources** within **a single generation**. We are now in the process of doing exactly that. NOTUS energy has accompanied and helped shape this transformation.

Today NOTUS energy is **one of the large Independent Power Producers in Germany**. We initiate, plan and build **wind and solar parks around the world**. We also operate 376 megawatts of wind and solar power in-house.

NOTUS energy is a **flexible and financially strong partner** for municipalities, planners, and investors. After all, renewable energies result in win-win situations: sustainable investment, regional value generation, and a future for our children.

NORWAY

FINLAND

ESTONIA

GERMANY

LATVIA

UKRAINE

POLAND

FRANCE

HUNGARY

KOSOVO

BULGARIA



**1.639** MW wind power installed  
**2.278** MW in development



**1.079** MWp solar power in development



**376** MW in our own portfolio



**642** MW in operational management



**339** employees, **15** countries

# PLANNING, CONSTRUCTION, DELIVERY: WE RETHINK ENERGY

As an **Independent Power Producer and project initiator**, we produce clean energy. We develop, plan and construct wind and solar parks right from the initial concept to their final grid connection.

A large proportion of the plants we construct in Germany today is operated as part of our own **company portfolio**. This provides us with the **financial independence** we require to be able to invest in new projects and continue to grow the company.



## AN IDEA TAKES SHAPE...

Whether it's wind or solar power, we need suitable sites for renewable energy plants. Having identified a location, our employees hold initial talks with the landowners and the local communities. The project begins to take shape.



## COST CALCULATION AND FINANCING

Based on our survey data, we calculate the potential profitability of the site and secure the necessary financing. Since its foundation in 2001, NOTUS energy has implemented projects with a total volume of over a billion euro in Germany and abroad.



## PROTECTING PEOPLE AND THE ENVIRONMENT

Protecting people and the environment is our top priority. To this end we prepare comprehensive expert reports on different subjects, such as noise immission and environmental impacts.



## APPROVAL

Public participation is an essential part of the approval process. Detailed checks are also carried out at this stage to ensure that the wind or solar park complies with all safety criteria and environmental requirements.



## CONSTRUCTION AND GRID CONNECTION

Our engineers have successfully dealt with the most challenging terrains for construction, including former open cast mines and moorlands. Once the transformer station is built and the plants are connected to the grid, the construction phase is completed.



## OPERATIONAL MANAGEMENT

We are familiar with the technology and the market. This allows our technical and commercial operational management to achieve optimum yields from a wind or solar park.

## GENERAL CONTRACTOR: EVERYTHING FROM A SINGLE SOURCE

NOTUS energy is one of Germany's leading general contractors. We construct turnkey wind farms and solar parks for our clients, whereby we manage the contract awards to subcontractors and oversee the coordination of the various trades throughout the entire construction phase. Fast, flexible and on time: ISO 9001 certified.

## ARTIFICIAL INTELLIGENCE: IMPROVED WIND FORECASTS AND POWER LOAD CALCULATIONS

Artificial intelligence is increasingly important at many interfaces within the energy industry. Along with our partners, we are already involved in the development of intelligent software solutions for optimised wind forecasts, power load calculations and automated wind or solar power plant inspection using drones.

## ASSET MANAGEMENT: A MODERN TAKE ON OPERATIONAL MANAGEMENT

As asset managers, we not only take on technical and commercial management roles but fully represent the owners in every way. In addition to managing the actual plant, we continuously optimise the technology as well as sales operations.



Solar Park Baralze,  
France



# ONE COMPANY, ALL COMPETENCIES

Any single-source supplier involved in the planning, construction and operation of wind and solar farms has to cover **a whole range of different skill sets**. A major part of our job satisfaction comes from the collaboration between the various disciplines.

Our ambition is to **bring together** the **best professionals** in the field. Whether it is calculating weather maps, planning turbine foundations or financing a project, we have the experts in-house.

You can rely on our expertise. What all our employees have in common is **years of experience combined with a passion for new ventures**. This benefits the safety and efficiency of our projects.

## OUR EXPERTS AT NOTUS ENERGY

- Our **LANDSCAPE PLANNERS** determine the best locations for wind or solar plants to protect residents and the landscape.
- Our **BIOLOGISTS** know how birds of prey hunt, when cranes breed and when bats fly. This is why we are able to protect these animals.
- Our **METEOROLOGISTS** help to calculate the potential output of a plant, as wind and solar energy is also dependent on weather conditions.
- Our **COMMERCIAL STAFF** specialise in the assessment of energy projects for calculation, operational and sales purposes.
- Our **ENVIRONMENTAL SCIENTISTS** focus on ecosystems: They prepare expert reports and plan compensatory measures for nature conservation.
- Our **GEOGRAPHERS** work out how a wind turbine would be perceived by hikers and local residents and ensure that it never gets too noisy.
- Our **ENGINEERS** ensure the structural stability of wind turbines, the smooth running of construction processes and optimum wind and solar yields.
- Our **IN-HOUSE LAWYERS** develop the appropriate contract structure for each project, whilst our standard (bank-audited) contracts guarantee cost efficiency.
- Our **PHD PHYSICISTS** programme the software for optimum wind forecasts and turbulence calculations.

Alexandra Trigo Villarreal, Project Manager for International Projects  
Felix Eger, Project Manager Environment  
John Ramirez, Senior Project Manager Latin America



# A STRONG PARTNER – LOCALLY AND GLOBALLY

We create **win-win solutions**, both for our **business partners** and **local residents**, because renewable energy production is decentralised and requires flexible solutions.

## COMMUNITIES AND RESIDENTS

### PARTICIPATION AND INCOME FOR THE COMMUNITY

We passionately believe that anyone living next to a wind turbine or solar farm should **benefit** from it. **We provide advice to municipalities and authorities and collaborate closely with local residents.**

Our approach to dialogue and sustainable project development includes:

- Early and transparent communication about a given project
- Commissioning local construction firms and service providers
- Financial advantages to communities through additional income
- Consideration of citizen participation options, e.g. through renewable energy cooperatives
- Possibilities for community-owned renewable energy plants

## LANDOWNERS

### RENEWABLE ENERGIES FROM YOUR LAND

Do you own a piece of land on which wind power could be generated? Would you like to use your land for the production of solar power? Revenues from renewable energies are a **low-risk source of income**.

Exploit your potential for additional revenue in collaboration with NOTUS energy:

- **Farmers:** Wind turbines don't take up much space. Adjacent fields can still be cultivated without any problems. Regular income from wind and solar energy compensates for crop losses and secures jobs in farming.
- **Forest owners:** Thanks to our modern technology only a very small area is cleared during installation. Crane sites can be used to store wood. Access routes are planned in close collaboration so they are ideally suited for your modern forest management.
- **Municipalities:** Wind or solar energy on municipal land gives greater leeway to municipal budgets. We support administrations throughout the planning process and help select the most appropriate sites.



Jan Schröder,  
Head of Project Development



Alexandra Trigo Villarreal,  
Project Manager for International Projects

## PROJECT PLANNERS

### COLLABORATIVE PLANNING AND DEVELOPMENT

Looking to launch a wind or solar power project? Because of the tendering procedures now common around the world, project planning is always associated with a **significant cost risk**. You can spread this risk by entering into a **collaborative partnership with us**. By **partnering with us** you will benefit from the **financial security** that NOTUS energy offers as an independent energy producer.

NOTUS energy

- participates in or buys into ongoing solar and wind energy projects at all stages,
- takes over old power plants for repowering purposes,
- develops market solutions for the post EEG (German Renewable Energy Sources Act) era.



## OPERATORS

### FULL OPERATIONAL SERVICE

You already own or operate a wind or solar plant? You are struggling to cope with time-consuming direct marketing and remote-control issues as well as negative electricity prices? NOTUS energy can take on all aspects of your **commercial and technical management as a one-stop shop**.

Our engineers, technicians and accountants

- identify technical issues at an early stage and coordinate maintenance services,
- minimise downtime and improve energy yields,
- create availability statements based on maintenance contracts,
- conduct contract negotiations with direct marketing firms and suppliers,
- produce company accounts for client companies.

Carsten Schippmann,  
Head of Legal



Wind Farm Beesenberg,  
Germany



## INVESTORS

### SUSTAINABLE INVESTMENTS

Interested in **environmentally responsible** and **economically prudent investments**?

NOTUS energy is a **reliable partner**: our experience with all major manufacturers enables us to complete all projects on time.

To date, we have invested over a billion euro in Germany and abroad. Our services range from **traditional project funding** to **structured finance** and **international syndicated loans**.

Investors benefit from

- favourable conditions to maximise the cash value of the project,
- rapid implementation,
- professional financial management during implementation and operations.

Solar Park Baraize,  
France










# FROM START-UP TO ENERGY SUPPLIER
















The **first wind turbines** we built back in 2001 had a rated output of just over one megawatt. Modern wind turbines supply the grid with five megawatts and more. Technology in the field of renewable energies develops rapidly.

This means that the **demands** placed on us as a company are also growing. We're proud of what we've achieved so far.

Our employees well recall some of the special challenges we've faced: in 2007, for example, we erected the foundations for five REpower 5M turbines in a moorland area in Schleswig-Holstein, an **extremely challenging terrain** to build on. Our **international partnerships**, through which we are implementing major projects today, are of particular importance for the development of our company.

**Flexible market solutions and the challenges of sector coupling (integrated energy)** will shape the market going forward. As the owner-operator of currently 376 megawatts, and with a broad project portfolio and the wide-ranging expertise of our employees, we are ready to take on these tasks.

- 2001**  **NOTUS energy founded in Potsdam**
- 2002**  **First wind farm**  
NOTUS energy erects 14 wind turbines in Waldow with a combined output of 28 megawatts  
→ First 110 kV transformer station in Tornow
- 2007**  → 5 REpower 5 M foundations constructed in extremely difficult moorland terrain  
 **Market entry in Bulgaria, Poland and Mexico**
- 2009**  **Bulgarien**  
Wind power project with 156 megawatts
- 2010**  **Market entry in Chile**
- 2011**  **France**  
Wind power prjct with 32 megawatts  
→ Celebrating our 10<sup>th</sup> anniversary: 700 megawatts of total output installed

- 2012**  **Poland**  
Wind power project with 48 megawatts  
→ TÜV-Süd certification of NOTUS energy Construction in compliance with DIN EN ISO 9001
- 2013**  **First solar power project** with 7 megawatts in England
- 2015**  **England**  
Solar power project with 50 megawatts  
 **Finland**  
Wind power project with 6.6 megawatts
- 2016**  → New offices opened in Cologne and Paris  
**Record year**  
 Approvals for a total of 58 wind turbines in Germany with a combined output of 196 megawatts
- 2017**  **World premiere**  
Three wind turbines commissioned at the TRIMET Aluminium industrial plant in Hamburg  
→ New headquarters in Potsdam
- 2019**  **Ukraine**  
NOTUS energy acquires the rights to construct three wind farms with a combined output of 270 megawatts
- 2021**  **France**  
 Solar power project with 16 megawatts and wind power project with 22.5 megawatts  
 **Mexico**  
Solar power project with 0.5 megawatts next to car race track  
 **Kosovo**  
27 Wind turbines with 105 megawatts
- 2023**  **Operation of NOTUS' first windfarm extended for 10 years (WF Waldow)**  
 **2,278 megawatts wind power in development**  
 **1,079 megawatts solar power in development**  
→ **376 megawatts in our own portfolio**  
→ **642 megawatts in operational management**



# FOR GOOD REASON: NOTUS ENERGY TESTIMONIALS



“ We’ve enjoyed a long and trusting relationship with NOTUS energy. No matter what challenges we were faced with during project implementation, together with NOTUS we always found the right solution. We appreciate our fair and respectful interaction. ”

Javier Rodriguez Diez, Vestas, Executive Vice President, Sales (CSO)



“ Planning a wind farm in a given community involves bringing many stakeholders on board. Right from the outset, NOTUS energy has operated in a fair and transparent manner both with us and with the citizens of Schönwald. We’ve found NOTUS energy to be a reliable partner whom we highly recommend. ”

Roland Gefreiter, Mayor of Schönwald



“ NOTUS energy’s in-house financial experts are highly skilled in their field, which is apparent in every project. Their finance projections are solid and realistically calculated. From our perspective, that makes NOTUS energy an important and reliable partner. ”

Jörg-Uwe Fischer, Head of Environmental Technology and Renewable Energies, Deutsche Kreditbank AG (DKB)

# NOTUS ENERGY: DEDICATED TO RENEWABLE ENERGIES



“ The aerodynamic aesthetics of wind turbine blades continues to fascinate me. As an element of sustainability the close interaction between nature and design is still underestimated. Economic success today rides on design. ”

Heiner Röger, founder and Chief Executive Officer (CEO) of NOTUS energy



“ Understanding every aspect of a project, putting a figure on supposed imponderables and finally expressing them in hard currency is something that attracted me right from the start. I’m still attracted by it, as settling for routine has never been my thing. ”

Matthias Pallutt, Chief Financial Officer (CFO) of NOTUS energy



“ As a former competitive athlete, I know that in a long-distance race such as the energy transition, it is essential to use our strengths wisely to reach the finish line. NOTUS energy is distinguished by determination, experience, entrepreneurial thinking in every team, flat hierarchies, and a positive corporate culture. ”

Knud Rissel, Chief Commercial Officer (CCO) NOTUS energy

## OUR OFFICES

### Main and subsidiary headquarters:

POTSDAM

### National offices:

COLOGNE  
ITZHOE  
DRESDEN  
NEU KOSENOW  
HALLE/SAALE  
FELDBERG  
CELLE  
SCHÖNWALDE  
PASEWALK  
SCHWERIN

### International offices:

FRANCE  
MEXICO  
CHILE  
COLOMBIA  
KOSOVO  
NORWAY  
BULGARIA



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