



*Experience
the future today.*

ED-ENERGY

RENEWABLE ENERGY SYSTEMS



PORTRAIT

Renewable Energy is the centre of a global transformation in the generation of energy. **ED-ENERGY** is crucially participating in the framing of this green energy market.

ED-ENERGY represents an experienced Full-Service Company in the area of renewable energy technology. Our focus lies in the transparency of the development of projects, a solid financing, and the professional installation and activation of photovoltaic and wind power systems.

Competence and flexibility of our team, which consists of technicians and engineers, enable us to realize projects at the level your individual standards. Direct contact to energy suppliers, as well as to banks and insurance agencies, distribution partnerships with considerable producers and wholesalers and close collaborations with executive firms are representative for the name **ED-ENERGY**.

A full-page background image of a bright, sunny day over a lush green landscape. A dirt path winds through a grassy field towards a line of trees in the distance. The sky is a vibrant blue with scattered white clouds, and the sun is shining brightly in the upper left corner, creating a lens flare effect.

***Your alternative
with future.***

BUSINESS PORTFOLIO

The term „climate change“ is well-known to the public and also recognized as a political issue.

The production of energy is nevertheless one of the main causes for this development, because the combustion of conventional sources of energy produces CO₂ which enhances climate warming

Two environmental friendly and regenerative alternatives are solar and wind energy. The emission free generation of energy saves the environment – and looking from a financial point of view it is as well very interesting.

Therefore the Law for Renewable Energy includes, for instance, in Germany a remuneration rate which is significantly higher than those of conventional sources of energy.

Use the sun as your source of energy.

PHOTOVOLTAIC

As of now, we are still dependent on fossil energy from coal, gas or oil but the change of energy has already started. In the near future solar energy will be of high importance to society regarding the supply of clean and CO₂-free energy.

Generating power through photovoltaic does not only save the environment, it will pay off for the operator and for the investor as well. It does not matter if you install a photovoltaic system on the roof of your house or business property or if you invest in a solar power plant project – for each kilowatt of self-produced energy fed to the public electricity network you will receive a legally regulated remuneration, guaranteed by the Law for Renewable Energy (for Germany 20 years).

Advantages:

- Prerequisite for solar energy: It is available everywhere – the sun!
- Apart from the ecological aspects, photovoltaic represents a profitable investment.
- Possibilities for financing and leasing – even without equity.
- Investors of photovoltaic systems have a chance of high returns! On the one hand it is supported by the Law for Renewable Energy, on the other hand after the duration of the credit a photovoltaic system is very strong on returns.
- Increases the value of your property
- Companies with a high consumption of energy will experience a decrease in costs.
- Energy prices are being increased constantly. The sun provides the opportunity to produce energy on a stable price level while making profit.
- Photovoltaic systems are almost maintenance free
- Even at a low level of solar radiation, the system will still turn light into electricity.
- The solar modules have warranties of up to 35 years
- The modular set-up enables the system to be flexible to your individual needs as well as extendable in any way.
- In the long run the generation of solar energy has the highest potential of all regenerative sources of energy
- Solar energy raises consciousness – the operator will have a good feeling to be producing his or her own clean energy without harming the environment.

CONCLUSIVE TECHNOLOGY

Solar Energy is not a future vision anymore. The most modern photovoltaic systems like those used by **ED-ENERGY** provide the technology for the effective and sustainable generation of energy – on a daily basis. We create energy companies.

ED-ENERGY offers a maximum on-sight-service for business clients, specializing in solar energy and with that the consulting, projecting, financing, installation and surveillance of photovoltaic systems. Step by step to full efficiency: The solar systems of our experts deliver reliable energy and generate value every day.

That is what **ED-ENERGY** stands for: We identify the most suitable solution for You. Customized photovoltaic-modules and special components add up to the perfect system. That is how we guarantee full functionality of your system in order for it to generate the highest possible level of revenue for you.

Bottom line:

- Location-based forecast of revenue
- Individual solution for your project and a realistic calculation of profitability

*Experience the
independence
of tomorrow.*

HOW ABOUT A SUN FARM?

Many people change to renewable energies in order to maintain our environment. Nevertheless, one of the most convincing arguments is the financial advantage that solar energy creates. It provides you with energy which you may feed into the public power supply system or use for own consumption. You can make yourself independent from the big electricity companies.

We deliver a ready-to-use system – planned in our own projecting department. Calculations of efficiency, planning, delivery, installation and maintenance: We do it all for you. And you keep the profit.

Reference Object:

Technical features:

- 97,20 kWp Shunda mono crystalline modules
- 540 pieces of Shunda SDM-170/X-72M 180Wp
- 9 inverter SMA SunnyMiniCentral 10000TL



Qualified engineers plan your project:

- Solar engineers in our own planning department
- Professional preparation of the installation process and scaling of the system
- Planning and visualization of the system and project

**You can
harvest the sun.**

Save for the future – the right way.

EARN MONEY WITH SOLAR ENERGY

How? The installation of photovoltaic systems is profitable in your private home as well as on your business property. It represents a safe investment with attractive returns and eco-benefits. In addition, you are able to decrease your costs for electricity and energy remarkably simply by using your self-produced energy. A “sun farm” on your property pays off quickly and creates steady revenue.

Our financial department will create a detailed financial plan taking your investment or corresponding credit into consideration.

You can profit twice: After 20 years of remuneration by the state you will still be able to use your self-produced energy. Financial projections show that energy price are likely to rise above 0,50€/kwh by 2030. A photovoltaic system will turn you into a crisis-proof energy supplier.

Financing Service

- Our economists will ensure a profit-based financing plan
- We will accompany you at your bank
- We provide you a detailed calculation of your capital expenditures

EXPERIENCE BUILDS TRUST

Our experience in the young sector of solar energy is your benefit. **ED-ENERGY** already planned and installed a multitude of photovoltaic systems. With us you found the partner that is able to deliver the quality you are expecting. The responsibility for your solar system is in the right hands with our team of experts, because we focus on your satisfaction. That is why we only worked with the best brand throughout the last years. We only use certified high performance modules "Made in Germany" and products of international suppliers. This means: your system will consist of the best components only.

Reliable delivery and installation

- Individual appointments and guaranteed delivery on time
- Qualified installation by our construction department
- Supervision of the construction sight

SAMPLE OF OUR REFERENCE OBJECTS

Technical Features:

- 6,48 kWp photovoltaics
- 2x inverter Sunnyboy SB 3000
- 1x SolarLog 100E



Technical Features:

- 9,45 kWp Solarfun polycrystalline
- 45 modules
- Each 1x SMA inverter Sunnyboy SB 4000 TL-20 and SB 5000 TL-20
- Self-installation



Technical Features:

- 15,18 kWp Sunways monocrySTALLine
- 66 modules Sunways SM215M 230Wp
- 1 x Sunways NT10000 inverter
- 1 x Sunways NT5000 inverter
- Flat-roof-tub-installation





***Service
that pays off***

SERVICE WITH QUALITY

We stay by your side after the installation.

Technical issues will be solved by us within 72 hours. We also offer you a very useful surveillance service or our special maintenance agreement, which enables us through remote diagnosis to detect potential sources for problems early.

An **ED-ENERGY** solar systems makes you a part of the **ED-ENERGY** family – and we will not let you down.

Quality is our priority.

Maintenance and Service

- Reliable after-installation-service
- Yearly maintenance agreements with wide-ranging services
- Remote diagnosis and 72-hours service

WIND ENERGY

When it comes to the generation of energy the renewable source, wind, has accomplished to become a serious alternative over the last years. Due to the strongly increasing prices for electricity wind energy is about to be able to compete with conventional sources of energy economically. Fortunately this leads to a massive increase of the installed capacity in the field of wind energy. Studies show that within a couple of years wind energy will support an enormous part of the necessary production of electricity and that the installation capacities set by the European Union will be reached shortly. **ED-ENERGY** aims at the realization of their own projects, which will be implemented through project teams within the national societies.



***From now on the
wind blows in
your direction.***



Planning with character.

GLOBAL CHALLENGE!

Our society today finds itself in three major global crises which are to be overcome: securing the energy supply, stabilizing the financial markets and substantially reducing CO₂-emission.

By securing a domestic, reliable, profitable and CO₂ neutral supply of energy, wind energy is able to overcome that global challenge. The effects of the credit crisis on investments in wind energy are hard to foresee at this moment in time. But investment projects which are underlying a legally protected framework are less likely to be affected by financing problems.

WIND ENERGY - BECAUSE INVESTMENTS MUST PAY OFF

Investments in wind energy will strengthen in the middle- and long-run, since they include less risks and also offer additional economic advantages.

Investing in a wind energy system today assures that the electricity production costs – over a lifetime - remain constant to the greatest extent. Wind energy does not need fuel. Costs for operation and maintenance can be calculated and are fairly low in relation to the overall investment.

Wind is a resource that will always exist!

The irregular spread of sunlight on our earth will always lead to a difference in temperature which will always result in a difference of pressure, therefore wind will always exist. Mankind can always benefit from its kinetic energy. Hence, the resource wind will never suffer from scarcity like fossil energy sources, such as fossil oil, natural gas or coal.

*Use wind as your
natural capital.*

Free as the wind.

WIND ENERGY STANDS FOR: INDEPENDENCE

As of now, countries, such as Germany, are dependent on natural resource supplying countries in order to ensure the supply of energy. This dependency may lead to the loss of the control of costs for the energy supply contingent on the prices for natural resources. Therefore, every step towards renewable energies, such as wind energy, is a step towards more independence.

CO₂-balance = green

Conventional methods of generating energy always come with high risks to safety and/or heavy pollution of the environment, for instance, by CO₂-emission.

Wind energy systems however operate in a safe manner and do not produce any sort of harmful emission.

OUR CARTEL OF STRONG PARTNERS:

Our experience lets us assure you that we only use high quality materials for your energy system. Nevertheless we remain independent, yet again to your advantage. In addition, we always work on optimizing our work and selecting our components following the highest standards of quality. That is what makes **ED-ENERGY** safe. Our clients confirm that: Whenever the sun shines or the wind blows, I am in a good mood.

We would be pleased to see you!

In Cooperation with:





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