Transforming Africa’s energy landscape today
Our group stats:

- 1,000 Employees
- €575m Revenue
- €8,2b Invested
- 900 Number of wind plants 2,000 MW
- 830 Plants actively monitored
- 1,600 Number of solar plants 2,200 MW

Our business is focused on Solar Energy and Onshore Wind Energy. We are also recognised global leaders in off-grid hybrid solar-diesel-storage energy solutions.

The juwi Group was established in 1996 in Germany. Since the end of 2014 the utility company, MVV Energie AG, has been co-owner and partner of the Group. juwi has around 1,000 employees worldwide, branches on all continents and is actively engaged in various renewable energy projects around the globe. The South African office was opened in Cape Town in 2011.
For us at juwi, the commitment to renewable energies is not just a business concept; it is a matter close to our hearts. Working together with passion to implement renewable energy solutions economically and reliably is what drives us.

OUR vision is 100% renewable energy

We believe that 100% renewable energy supply is possible and every day we work towards enabling this vision.

There are many good reasons for choosing renewable energies. Renewable energies are safe, sustainable and profitable and hence a positive solution for all parties involved. They not only protect our climate and environment, their decentralized production and use also contributes to local value creation. They create employment, enhance infrastructure and regional tax revenues and lease incomes are increased.

At juwi, we are passionate about South Africa and its citizens. We value the opportunity that renewable energy projects provide to positively impact the destiny of our fellow South Africans. We are proud that to date we have created work opportunities for more than 1,000 South African citizens as well as creating opportunities for local businesses to deliver services ranging from construction to waste management and operations & maintenance support. In short, renewable energies provide you with the possibility to combine economic activity with the respectful treatment of man and nature. Saving energy, increasing energy efficiency and renewable energies are the keys to sustainable development in the energy sector.
Our Project Development team, comprising of colleagues based both in South Africa and Germany, is extremely experienced in the complex process of identifying, evaluating and acquiring permits for large-scale renewable energy developments in South Africa. We pride ourselves in developing excellent projects from initial concept through to construction.

Having initiated South African development activities in 2011, we now have a strong and geographically diverse project portfolio for our clients. Importantly, we pride ourselves in fostering long-term mutually respectful and beneficial partnerships with our project landowners. Our 140 MW Garob Wind Farm won in our first bid attempt in 2014 and we are eagerly anticipating the results of subsequent rounds.
The DeGrussa project (Australia): The innovative system saves 12 thousand tonnes of CO2 and 5 million litres of diesel each year.

Hybrid Solutions
Low cost renewable energy is competitive with traditional fossil fuels in many off-grid and mining applications globally.

For Sandfire Resources NL, a mid-tier Australian mining company, the juwi Group developed a 10.6 MW Solar PV hybrid system to fully integrate with the existing 19 MW diesel-fired power station at the DeGrussa Mine.

Single axis tracking PV with 6MW battery storage maximise the use of lower cost solar power to provide the majority of daytime electricity while reducing the mine’s total diesel consumption by approximately 20 percent.

Solar PV + Diesel + Storage
- Quality power
- Security of supply
- Cost savings
- Reduced carbon footprint
Solar PV EPC

juwi experts work together to realise projects by integrating the plant design (Engineering), top-tier component selection (Procurement) and Construction.

The juwi Group is consistently ranked within the top 3 largest EPC contractors in the world and juwi South Africa is fully backed by all the major banks both in South Africa and in Europe.

Based on our experience and having realised over 1,600 solar projects worldwide, we are able to offer solutions for any requirement. juwi’s consistent high quality EPC and O&M performance has been verified by external inspection authorities. The quality management system of both juwi Germany and South Africa has been certified according to DIN EN ISO 9001:2015.

Solar PV O&M

Globally, we operate and maintain:

430 wind energy plants with a capacity of more than 1,092 MW

400 solar plants of approximately 626 MW

In 2014, the average availability of the global plants we monitor was 98% for wind energy plants and 98.5% for solar energy plants.

In South Africa, the O&M team currently oversee a portfolio of 121 MW across 5 utility scale solar plants, which were also realized by our EPC team.

“We schedule, control and perform inspection, maintenance and repair work according to efficient and professional protocols.”

Patrick Mbengwa, O&M Site Supervisor
Quality management is a central element of all our activities, from EPC through to O&M. With the help of targeted supply chain management and long-term relations with suppliers, we guarantee that our plants and components meet our customers’ requirements. juwi works with a certified management systems which is regularly reviewed by internal and external audits.
Konkoonsies Solar Farm
Location: Near Pofadder, Northern Cape, South Africa
Installed capacity: 10,752 kWp
Module surface: 69,909 m²
Projected annual yield: Approx. 21,386,726 kWh/yr
Pollutants prevented: Approx. 14,053 tons CO₂ p.a.
Grid connection: 12/2013

Aries Solar Farm
Location: Near Kenhardt, Northern Cape, South Africa
Installed capacity: 10,752 kWp
Module surface: 69,909 m²
Projected annual yield: Approx. 21,385,728 kWh/yr
Pollutants prevented: Approx. 14,053 tons CO₂ p.a.
Grid connection: 12/2013

Swartland Solar Farm
Location: Malmesbury, Western Cape, South Africa
Installed capacity: 5,976 kWp
Module surface: 38,889 m²
Projected annual yield: Approx. 10,505,729 kWh/yr
Pollutants prevented: Approx. 6,904 tons CO₂ p.a.
Grid connection: 06/2015

RustMo1 Solar Farm
Location: Near Rustenburg, North West Province, South Africa
Installed capacity: 7,004 kWp
Module surface: 48,488 m²
Projected annual yield: Approx. 12,626,212 kWh/yr
Pollutants prevented: Approx. 8,288 tons CO₂ p.a.
Grid connection: 11/2013
OUR projects
COMMERCIAL AND INDUSTRIAL

- **Northgate Mall Rooftop**
  - **Location:** Northgate, Johannesburg, South Africa
  - **Installed capacity:** 1,056 kWp
  - **Module surface:** 6,696 m²
  - **Projected annual yield:** Approx. 1,816,000 kWh/yr
  - **Pollutants prevented:** Approx. 1,400 tons CO₂ p.a.
  - **Grid connection:** 09/2016

- **Brooklyn Mall Rooftop**
  - **Location:** Brooklyn, Pretoria, South Africa
  - **Installed capacity:** 1,104 kWp
  - **Module surface:** 6,912 m²
  - **Projected annual yield:** Approx. 1,956,000 kWh/yr
  - **Pollutants prevented:** Approx. 1,500 tons CO₂ p.a.
  - **Grid connection:** 04/2017

- **CSIR Solar Farm - single axis tracker**
  - **Location:** CSIR Campus, Pretoria, South Africa
  - **Installed capacity:** 588 kWp
  - **Module surface:** 3,600 m²
  - **Projected annual yield:** Approx. 1,189,000 kWh/yr
  - **Pollutants prevented:** Approx. 1,200 tons CO₂ p.a.
  - **Grid connection:** 09/2015
WHY juwi?

German engineering, local competency, quality delivery

- Exemplary track record globally
- Local market & environment intelligence
- Best value renewable energy projects in sub-Saharan Africa
- ISO 9001: 2015 certified - Quality management is core to our business
- Health, Safety and the Environment is a top priority
- Extensive partner network
- Top quality components
- Customer focused
- Extensive commissioning, substation integration and grid compliance - best in class.
- Local “in-house” expertise
- Plant performance exceeds contracted Performance Ratio and Availability Guarantee
- 24/7 plant monitoring services (remote and on-site)
- Qualified personnel

WHERE we work

We work together with our extensive partner network to implement renewable energies economically and reliably, thereby delivering the BEST VALUE RENEWABLE ENERGY PROJECTS IN AFRICA.

Where we work
Cape Town Office