



Choose certainty.  
Add value.

## Due diligence for renewable energy

Understanding risk for solar power plants, onshore and offshore wind farms, and wave and tidal arrays.

### Your challenges

The financial risks associated with renewable power plant investments differ based on numerous factors including location, environment and the technology used. In order to manage risk, stakeholders need the best possible understanding of how and where risks manifest. A power plant project could face uncertainty in areas such as inadequate energy mapping, restrictive planning conditions, unproven technologies, poorly understood risk profiles in new supply contracts and difficult-to-evaluate practical impact from grid connection agreements.

### How can our due diligence services benefit your business?

TÜV SÜD has broad experience in developing, constructing, operating and carrying out due diligence on a wide range of renewable energy projects. Our solutions and recommendations help clients understand the risks of prospective projects from the onset. Our experts have the expertise, strategic support management

and analytical skills required to successfully navigate complex transaction structures. We offer clear advice on risk mitigation measures to implement in line with the client's requirements. Investment committees, decision makers and managers also rely on our due diligence services to make informed business decisions on technical issues.

### Our services

- **Commercial management, supplier evaluation and supply chain services**

Our experts assess the supply chain, technology, contracts and structure of a project to find risks arising from the quality and timely delivery of components being supplied to the facility.

- **Market analysis**

TÜV SÜD determines the local, regional, national and international contexts of a project from a risk and financing perspective.



## Your business benefits

- **Understand risks and gain certainty** – from the early stages of decision-making, ensuring reliable development and operation of your renewable energy projects.
- **Increase asset value** – by partnering with a globally renowned service provider.
- **Achieve profitable investment** – through economic optimisation of facilities to achieve long-term profitability.
- **Gain confidence in performance** – with TÜV SÜD's expertise in yield prediction.
- **Benefit from expert advice** – provided by our highly qualified and experienced renewable energy specialists.

### ▪ Feasibility studies

Assessing a project's potential for success and profitability is an interactive process. TÜV SÜD has the expertise to assess the project in terms of commercial viability, technical feasibility and the timeframe and budget available.

### ▪ Environmental advisory (EDD)

TÜV SÜD's experts perform analysis of existing environmental risks that can result in hidden costs or fatal flaws in the project. We narrow down environmentally sensitive areas and estimate the potential financial risk.

### ▪ Lender's engineer/risk monitoring

We actively monitor a project after its financial close and keep track of its risk profile in order to ensure asset protection.

### ▪ Operational performance assessment

TÜV SÜD reviews the operational assets of renewable energy projects and makes recommendations for asset improvements, comparing actual performance against forecasts.

### ▪ Resource assessment

Our experts perform assessment and mapping of wind, solar or wave resources for risk profiling to determine the potential yield and performance of the project.

### ▪ Contract review

We perform an independent evaluation of contracts with a focus on technical aspects and best practices.

### ▪ Electrical engineering and grid services

TÜV SÜD has the expertise and experience needed to design, manage and review high voltage equipment installations and grid connections, both onshore and offshore.

## Why choose TÜV SÜD?

TÜV SÜD is widely known as an independent solutions provider that offers impartial and reliable reports. We provide you with world-class expertise, which includes in-depth familiarity with international directives and regulations. Our global presence allows us to work around the world on your behalf, delivering services locally while maintaining a consistent level of premium quality. We have specialists from a wide range of different engineering disciplines. Our broad portfolio of industrial expertise covers all stages of the asset lifecycle, including in-depth knowledge of technical, environmental and financial areas.

## Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and assessment services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East, Asia and Africa. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

### Related services

TÜV SÜD provides the following related services:

- Resource analysis for wind farms
- Site assessment for solar power plants
- Project development
- Project delivery for renewable energy markets
- Licensing, consenting and environment
- Owner's engineer services for renewable energy
- Grid services