Your challenges
The financial risks associated with renewable energy project 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 renewable energy 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 PMSS 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 experience, 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
- **Technical advisory (TDD)**
  TÜV SÜD PMSS works closely with clients to enable them to identify and quantify technical project risks. Focussing on quality and risk we provide solutions and bespoke expert advisory services for a wide range of developers and investors.
- **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.
Feasibility studies
TÜV SÜD PMSS has the expertise to assess the project in terms of commercial viability, technical feasibility and the timeframe and budget available.

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

Environmental advisory (EDD)
Our 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.

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.

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.

Contract review
We perform an independent evaluation of contracts with a focus on technical and commercial aspects, best practices and assist on client negotiations.

Product due diligence
We utilise our strong technical due diligence background in product certification, to assess the technical merits and risks associated with renewable energy technologies.

Electrical engineering and grid services
TÜV SÜD PMSS has the expertise and experience needed to design, manage and review high voltage equipment installations and grid connections.

Insurers services
We investigate insurance claims for business interruption, damage and loss to assist insurers in assessing the scale and validity of claims and to establish the root cause of damage.

End of warranty assessment
We examine equipment condition, assess the performance of maintenance services carried out and provide an indication of the likely ongoing maintenance requirements.

Operational performance assessment
We review the operational assets of projects and make recommendations for asset improvements, comparing actual performance against forecasts.

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 PMSS’s expertise in yield prediction.
- **Benefit from expert advice** — provided by our highly qualified and experienced renewable energy specialists.

Why choose TÜV SÜD PMSS?
TÜV SÜD PMSS, part of the TÜV SÜD Group, 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 PMSS provides the following related services:

- Resource analysis for wind farms
- Project development
- Construction and engineering for renewable energy
- Licensing, consenting and environment
- Grid services