

# Renewable energy - power for the future

**SQUARING THE ENERGY TRILEMMA OF MAINTAINING ENERGY SECURITY AND CREATING A SUSTAINABLE, LOW CARBON FUTURE TO ENSURE AFFORDABLE AND FLEXIBLE SUPPLY ARE AMONG THE KEY CHALLENGES IN THE ENERGY MARKET**

As global energy demand is set to increase 100% by 2050, renewable energy plays a strategic role in meeting sustainable energy needs. Have you stayed ahead of the game and ensured your future business success?

## THE CHANGING ENERGY LANDSCAPE

A profound transformation is currently taking place in ways that energy is supplied and used. In order to ensure sustainability in the power sector, market players need to invest in renewable energy sources, greater energy efficiency and lower their CO<sub>2</sub> emissions. In addition, digitalisation is changing energy business models and increasing flexibility in terms of sustainable energy supply and use.

Successful market players stay ahead of the game – adapting their strategies, business models and operations to lead through change.

## CLIENT ISSUES

The market is facing various challenges:

- Declining profitability and competitive advantage
- Optimising the use of current assets
- Regulatory demands together with low visibility and coherence of public policies
- New market players with new technologies and business models
- Decentralisation of energy production and use
- Security and stability of energy supply

## PÖYRY'S SERVICES

Whatever the need, Pöyry's decades-long expertise gained across the whole energy value chain helps our clients to maximise their ROI in the renewable energy market.

Pöyry brings together both broad business knowhow and deep industry expertise. We

## BENEFITS

1. Optimal decisions based on comprehensive market understanding
2. Your One-Stop-Shop for life-cycle services
3. Unique solutions to achieve productivity and profitability targets
4. Simplifying appropriate technology decision making

offer power market analysis, modelling and performance measurement, environmental services, financial services, business model and strategy consultation, independent technical advice, project execution, operation & maintenance support, as well as operational excellence and M&A services.

**90%** of key energy utilities and investors in Europe ask Pöyry for regular advice.

We work closely with our clients, bringing in best practice gained from hands-on involvement in over 200 solar and wind energy projects worldwide as well as over 120 years experience in hydropower.

## RENEWABLE ENERGY SOURCES

- Wind power
- Solar power
- Hydropower
- Biomass-to-energy
- Waste-to-energy
- Geothermal

