



# THE FUTURE OF SOLAR TECHNOLOGIES



**QSTec**

Qatar Solar Technologies  
قطار للتقنيات الطاقة الشمسية

عضو في مؤسسة قطر

Member of Qatar Foundation



THE FUTURE OF  
**SOLAR TECHNOLOGIES**

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We are building a brand new industry of solar energy in Qatar – one of the most important and exciting industries in the world right now. We will provide a sustainable source of energy and this will have a lasting impact for Qatar and the world by protecting the environment and caring for society.

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# Welcome

Qatar Solar Technologies (QSTec) was established to develop a brand new solar energy industry in Qatar – one of the most important and exciting industries in the world right now. QSTec is a multi-award winning company that is providing solar technologies and solutions that will have a lasting impact for Qatar and the world by protecting the environment and caring for the society.

From Polysilicon production and solar value chain development in Qatar and across the Middle East region, through to international investments in key solar companies around the world, QSTec has a vision to become a world leading integrated solar company and we are making great progress in making this vision a reality.

*“QSTec is a global solar company that has quality, the protection of our environment and caring for society at its core. QSTec and its partners supply premium solar technologies and solutions with its products now providing solar energy for some of Qatar’s most iconic buildings.”*

**Dr Khalid K. Al Hajri**  
Chairman and Chief Executive Officer





# About Qatar Solar Technologies

QSTec is enabling Qatar reach a sustainable future by manufacturing and supplying solar energy solutions that are used locally and exported globally. QSTec has access to unrivalled resources with a philosophy that is built on quality, operational excellence and commercial integrity. QSTec and its partner companies are the key solar technology suppliers for some of Qatar's most iconic buildings and offer turnkey solar energy solutions for any sized project in addition to offering high quality Polysilicon to customers around the world.

QSTec is building an 8,000 metric tonne per year (MTPY) high quality, solar grade Polysilicon manufacturing facility in the Ras Laffan Industrial City (RLIC), Qatar with first exports of product commencing in 2016. In addition to this QSTec is installing ground and rooftop PV installations at its RLIC site with a total installed capacity of 1.1 megawatts of solar power.

Formed in line with the Qatar National Vision 2030's key objectives, QSTec is a joint venture between Qatar Solar, a fully owned subsidiary of Qatar Foundation for Education, Science and Community Development, SolarWorld AG and the Qatar Development Bank.

# Our Vision

To be a world-leading integrated solar company, globally distinguished for unrivaled resources, operational excellence, commercial integrity, and caring for the society and the environment.

# Our Mission

To manufacture and supply solar energy solutions in a safe and environmentally conscious means for the interest of the State of Qatar and the satisfaction of our customers whilst maximising shareholder value.

# Our Values

- Teamwork
- Commitment to Customers
- Continuous Innovation
- Communication
- Integrity
- Trust



# Our Future



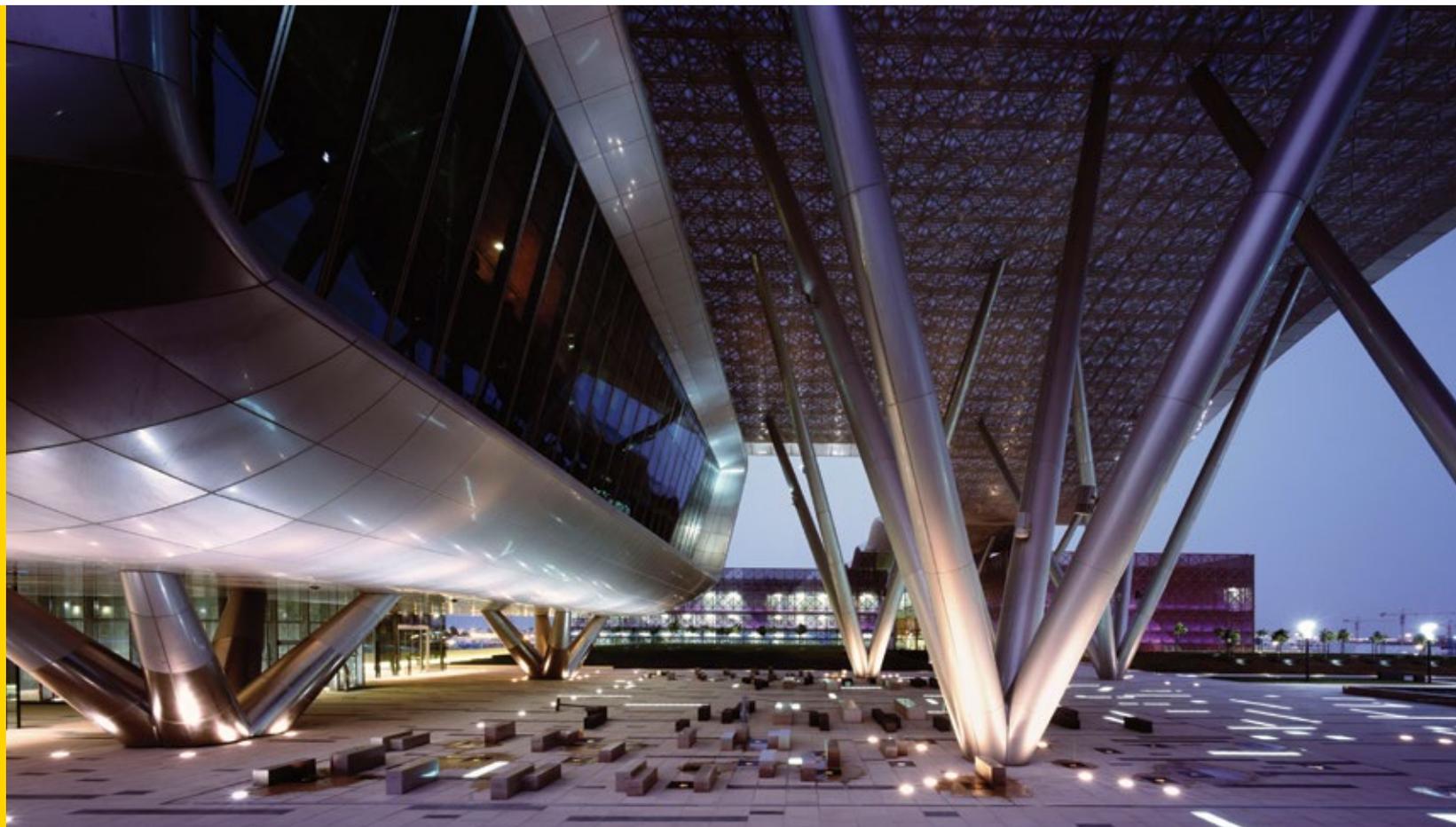
In the future, QSTec will expand its Polysilicon production capacity and integrate along the solar value chain to produce ingots, wafers, cells, modules and a wide range of other related solar applications and technology solutions in Qatar.

QSTec's 1.2 million square metre site in RLIC can accommodate future expansion to over 45,000 metric tonnes of Polysilicon production per year along with on-site growth increases across the complete solar value chain. When fully expanded, QSTec will be one of the world's first fully integrated solar manufacturing facilities and will have the onsite capacity to produce up to 6.5 gigawatts of solar products annually.

QSTec will continue to develop its innovative solar education schools program, Shams Generation (shams is Arabic for sun). In 2015/16 Shams Generation will reach over 3,000 students with a hands on approach to learning that encourages the creative use of solar energy technologies, design and sustainability.

# Research and Development

QSTec, through its founding organization Qatar Foundation, has access to unrivalled resources for solar energy research and development activities. We will be working with organisations like the Qatar Environment and Energy Research Institute, Qatar Science and Technology Park, QF's research focused universities and many others as well as renowned international organizations that are leaders in the field. As QSTec expands along the solar value chain so too will its commitment to researching new areas for improvements. QSTec will fully utilize the strengths of its partners and be a leader in developing solar technologies that are efficient, high quality and are ideally suited for the region. Our aim is to develop new solar solutions that will positively affect the lives of millions of people across the world and we are on the right path to achieving this goal.



# About Qatar



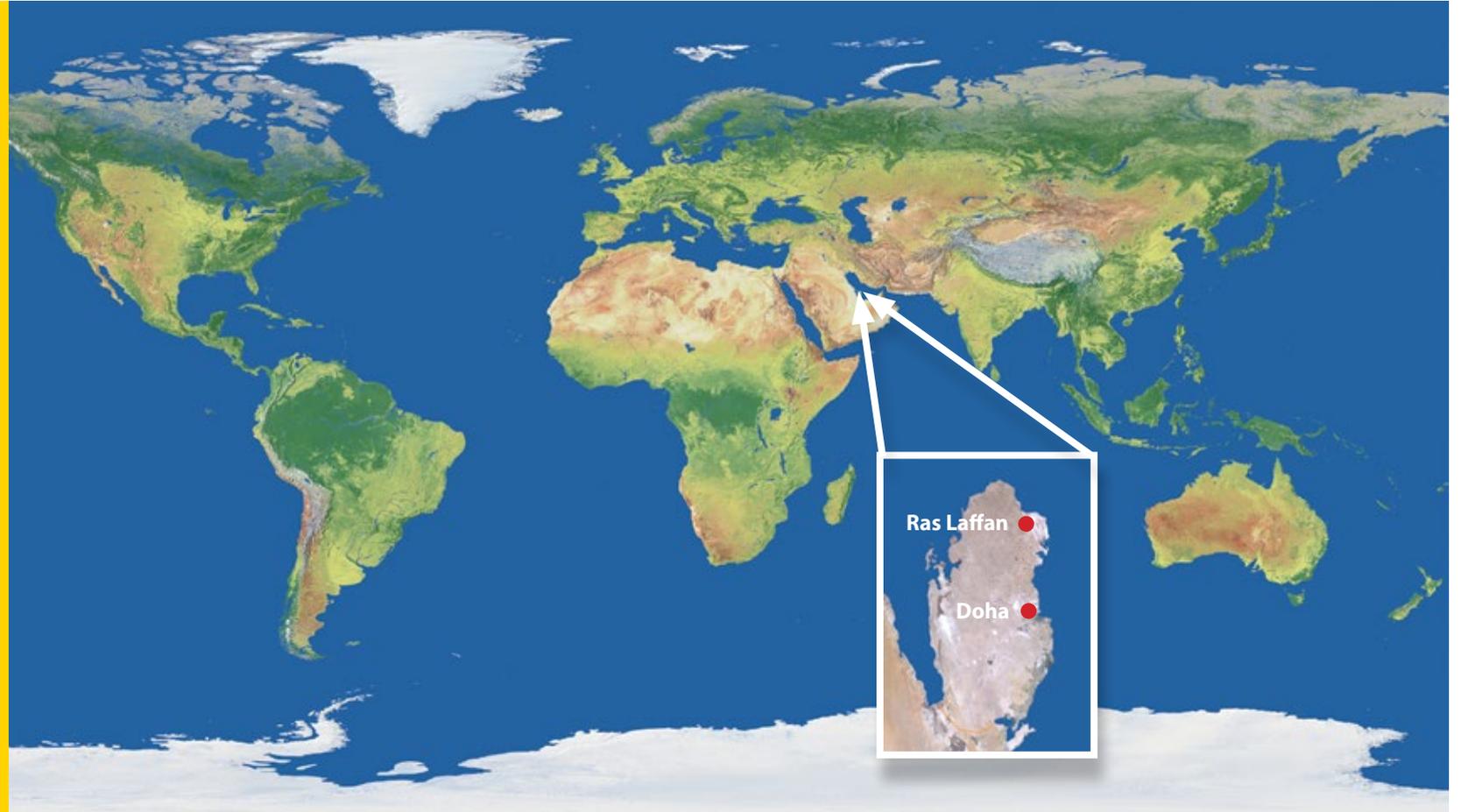
Qatar is a country of 2.1 million people who, as the world's largest exporter of liquefied natural gas (LNG), enjoys one of the highest GDP's and economic growth rates in the world. Qatar's phenomenal economic growth has been wisely used to develop all areas of the country from education to healthcare, infrastructure and transportation right through to energy and social development opportunities in alignment with the Qatar National Vision 2030.

The Qatar National Vision 2030 provides the strategic direction to develop a wide range of new industries and opportunities for Qatar, including the development of a new solar energy industry. Qatar is blessed with abundant energy sources both above and below the surface. The new solar energy industry, led by QSTec, will offer a wide range of research, investment, entrepreneurship and employment opportunities whilst reducing greenhouse gases and protecting the country's natural resources for future generations.

# QSTec's Location

QSTec is located in Qatar, at the crossroads of the Eastern and Western hemisphere's solar energy markets. Qatar boasts an advanced network of sea, air and road infrastructure that enables QSTec to provide premium service to customers across the different continents.

QSTec's strategic location and infrastructure access allows us to offer our local, regional and international customers many logistical options to ensure that our products are delivered to them when they are required.



# Contact Us



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