



Qatar
SMART
manufacturing

THE INTERNATIONAL INDUSTRIAL
AUTOMATION EXHIBITION

27 - 30 MAY 2024

DOHA EXHIBITION AND
CONVENTION CENTER (DECC)

CO-LOCATED WITH
PROJECT QATAR 2024



projectqatar.com

Unlock the full potential of Digitalization, Automation, and Intelligent Systems, Driving the Manufacturing industry

The manufacturing sector is expected to play a key role in Qatar's National Vision 2030 programme and the diversification of its economy. The Qatar Manufacturing Strategy was launched to support the nation in meeting its manufacturing sector growth aspirations. It identifies key pillars for enabling growth including increasing FDI, encouraging entrepreneurship and SMEs in the sector, improving access to local finance, promoting international trade, encouraging and financially supporting innovation and developing local talent. However, growth in these sectors will be crucially supported by the localisation of key skills and occupations in Qatar.



Qatar Smart Manufacturing Exhibition is set to showcase the forefront of technological advancements and innovations in the field of smart manufacturing. With an emphasis on automation, digitalization, and intelligent systems, this exhibition aims to revolutionize the manufacturing industry in Qatar and beyond. Qatar Smart Manufacturing Exhibition will take place from 27 to 30 May 2024 in the Doha Exhibition and Convention Centre, the event will bring together industry leaders, experts, and innovators to explore the transformative power of smart manufacturing. This platform will serve as a catalyst for knowledge exchange, networking opportunities, and business collaborations. By fostering an environment of innovation and cutting-edge technologies, the exhibition aims to propel Qatar's manufacturing sector towards enhanced efficiency, productivity, and sustainability. The launch of the Smart Manufacturing Qatar Exhibition presents an unparalleled opportunity for manufacturers, technology providers, industry professionals, and decision-makers to connect, explore cutting-edge solutions, and stay ahead of the competition. Through an array of exhibitors, interactive showcases, insightful conferences, and networking events, participants will gain valuable insights, forge strategic alliances, and witness firsthand the future of manufacturing. Attendees will have the unique opportunity to witness firsthand the latest advancements in industrial automation, robotics, artificial intelligence, data analytics, and more. From intelligent machines to interconnected systems, the showcased technologies will illustrate the future of manufacturing and its potential to redefine traditional production processes. Be prepared to witness the convergence of technology, innovation, and industry expertise as we pave the way for a smarter, more sustainable future of manufacturing.

Who Should Exhibit?

Product Sectors Categories

4th Industrial Revolution Technologies

- Artificial Intelligence Industrial Applications
- Industrial Robotics
- Smart Grid Technologies
- The Internet of Things (IoT)
- Latest Sensor industrial Applications
- Genetic engineering applications in Pharmaceuticals, agriculture and other related

Factory Automation Solutions

- Factory Automation Firms
- Production Lines manufacturers
- Integrated Computer Aided Design/
- Computer Aided Manufacturing (CAD/CAM)
- New Manufacturing and Production Processes
- Manufacturing Process Management Systems
- Manufacturing facilitates O&M systems
- Industrial Design Firms and 3D Printing
- Molding technologies and solutions firms
- Production lines and material handling solutions

Industrial Sector Consultants and Experts

- General Industrial Automation Consultants
- Specialized Consultants in Oman 10 industrial Clusters
- Advanced Industrial Maintenance Solutions providers
- Factory Safety Systems Providers
- Advanced Fluid and Power systems
- Advanced Compressed Air Systems
- Advanced manufacturing applications for
- Thermoplastics

Retrofitting and Capacity Building

- Retrofitting of Existing Factories Experts
- Training and Capacity Building Systems
- Digital Networks Providers
- Advanced Soldering technologies firms
- Green and Recycling Technologies firm



Advanced Robotics



Industrial IoT



Digital Manufacturing



3D Printing & Additive Manufacturing



Supply Chain Optimization



Asset Performance Management

Day 1 - Conference Agenda – 27th May 2023 - Opening Ceremony
The Qatari Industrial Sector: Gateway to a Wealth of Opportunities

03:00	Registration & Networking
04:00	Ceremony & Opening Remark
04:05	Keynote Address from the Ministry of Economy & Industry
04:10	<p>Panel Discussion: The Qatari Industrial Sector: Gateway to a Wealth of Opportunities</p> <ul style="list-style-type: none"> ▪ Showcasing Key Market Opportunities in the Industrial Sector in Qatar ▪ Facilitating and Attracting New Foreign Investments <p>Panelists: Senior Representative of Ministry of Economy & Industry Senior Representative of Qatar Free Zone Authority Senior Representative of Gulf Organization for Industrial Consulting (GOIC) <i>Slot Reserved for the Platinum Sponsor</i></p>
04:30	VIP Exhibition Tour & Networking Break

Conference Session 1 – 05:30 to 08:00
Industry 4.0 and Digital Transformation

05:00	Registration & Networking
05:30	Chairman Opening Remark
05:40	Artificial Intelligence – Getting Beyond the Hype, and Into Real-Life Impacts
06:00	Case Study: The Food & Beverage Industry’s Automation Journey
06:20	Case Study: How the Printing and Packaging Industry has Benefited from Industry 4.0
06:40	Technology Showcase: 3D Printing and Additive Manufacturing
07:00	<p>TRAINING The Impact of Artificial Intelligence on the Future of Work</p> <p>This training delves into how advancements in AI and automation are reshaping industries, job roles, and the workforce as a whole. It also addresses the potential benefits and challenges associated with these changes, including concerns about job displacement and the need for upskilling and reskilling workers</p>
08:00	End of Conference & Training Day 1

Day 2 - Conference Agenda – Conference Session 2 - 28th May 2023*Operational Excellence and Maintenance Strategies for the Future*

03:00	Registration & Networking
04:00	Chairman Opening Remark
04:20	Technology Showcase: Maintenance 4.0 – Using Industry 4.0 to O&M Assets
04:40	Enhancing Operational Excellence through the Industrial Internet of Things (IoT)
05:00	Using Advanced Robotics to Automate the Supply Chain
05:20	Analyzing and Solving Manufacturing Challenges through Big Data Analytics
05:40	TRAINING Secure Before You Upgrade Taking Cyber Security as a Foundation of Automation Where we prioritize Cyber Security as the bedrock of your automation journey. Learn how to fortify your digital infrastructure, protect sensitive data, and ensure a secure automation environment.
07:00	End of Conference & Training Day 2

Day 3 - Conference Agenda – Conference Session 3 - 29th May 2023*Supply Chain Solutions for Industrial Success*

03:00	Registration & Networking
04:00	Chairman Opening Remark
04:20	Qatar Supply Chain & Logistic: Challenges and Opportunities
04:40	The Impact of Port Infrastructure and Logistics Performance on the Industrial Sector
05:00	Future Warehouses and Warehousing Management Technology
05:20	4th Industrial Revolution: Technology & E-commerce
05:40	TRAINING Supply Chain Management Companies today hardly operate independently but rather in an integral chain of operations, which involves various actors. The concept of supply chain is about managing coordinated information and material flows, plant operations and logistics. The fundamental premise of this philosophy is synchronization within and between various supply chain members. This is coordinated controls of making supply meet demand.
07:00	End of Conference & Training Day 3

Day 4 - Conference Agenda – Conference Session 4 - 30th May 2023

Industrial Synergy in Construction: Building Tomorrow Together

03:00	Registration & Networking
04:00	Chairman Opening Remark
04:20	Investment Opportunities in the Construction Sector in Qatar
04:40	Building the Future: Prime Construction Materials in Qatar
05:00	Revolutionizing Construction: Embracing Sustainability, and Digital Twins
05:20	Offering Business Solutions for a Vibrant Private Sector
05:40	TRAINING Unlocking Qatar's Construction Potential with Smart Solutions Embark on a transformative journey into the world of cutting-edge construction technologies. Discover how smart solutions are revolutionizing Qatar's construction landscape, equipping you with the knowledge and skills to thrive in this dynamic industry. Get ready to unlock new possibilities, enhance efficiency, and build a smarter future for Qatar's construction sector.
07:00	End of Conference & Training