

SMART INDUSTRIAL SAFETY &
TECHNOLOGY FOR ADVANCED MAINTENANCE

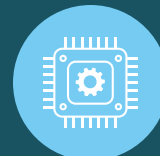
18 – 20 OCTOBER 2023
BITEC, BANGKOK

SISTAM 2023

SMART INDUSTRIAL SAFETY & TECHNOLOGY FOR ADVANCED MAINTENANCE



Smart Industrial Safety



Technology for Advanced Maintenance

SISTAM 2023 – Thailand's leading platform that brings together latest cutting-edge technology, innovation, product, solution and service for the enhancement of industrial safety and advanced maintenance.

Co-Hosted by



TICHe
The Institute of
Chemical Engineering
and Applied Chemistry

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Supporting Associations



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CHULA **ENGINEERING**
Foundation toward Innovation

Sponsors



Co-Located Event



Organised by



ABOUT THE SHOW

Industrial Safety Market Overview

The global industrial safety market is projected to reach \$17.86 billion by 2030, at a CAGR of 11.1% from 2023 to 2030. The growth of this market is attributed to the need for reliable safety systems to ensure personnel and asset protection, stringent regulations for workplace safety, and the growth of the oil & gas sector driving the adoption of industrial safety systems. Furthermore, the increasing usage of industrial internet-of-Things is expected to offer potential growth opportunities.

The recent revision to Thailand 2022 Occupational Safety and Health (OSH) Law has alarmed many businesses as it significantly impacts numerous industries. This predominantly affects companies within the specified industries that are classified into three risk-based levels that employ more than 50 workers across one or multiple sites of operation. The recent revisions to the OSH Act also emphasize the need for companies to establish procedures and policies for ensuring operational security. Non-compliance with the law may result in substantial penalties.

Industrial Maintenance Market Overview

The global predictive maintenance market size was valued at US\$ 4.1Bn. in 2021 and the total predictive maintenance revenue is expected to grow at 29.5% from 2022 to 2029, reaching nearly US\$ 32.43 Bn.

Predictive maintenance market dynamics: The growing use of advanced technologies to gather important insights is a major driver of market growth. Continuous advancements in big data, M2M connectivity, and cloud technology have opened up new avenues for investigating data obtained from industrial assets. Sensors, cameras, and other smart devices create a massive quantity of data for IoT devices. Detailed analysis, big data and data visualization approaches allow companies to obtain fresh perspectives.

By End-User, the manufacturing segment is expected to grow at a CAGR of 4.9% during the forecast period. The increased requirement for maintenance of production machinery e.g. robotic systems, apparatus, forklifts, compressors, etc. to reduce total downtime is increasing the manufacturing segment's use of preventive maintenance services and solutions. Additionally, increased production automation, along with Industry 4.0, is estimated to drive the demand for these technologies to secure high-quality and expensive apparatus from damage.

SISTAM 2023 - SMART INDUSTRIAL SAFETY & TECHNOLOGY FOR ADVANCED MAINTENANCE

Co-hosted by Technology Promotion Association (Thailand-Japan) and Thai Institute of Chemical Engineering and Applied Chemistry (TIChE), **SISTAM 2023 - "Smart Industrial Safety & Technology for Advanced Maintenance"** is scheduled to take place on **18-20 October 2023 at BITEC, Bangkok**. The event will bring together showcase of the latest technology, innovation, product, solution and service dedicated to smart industrial safety and advanced maintenance. SISTAM 2023 will offer a fascinating networking opportunity for industrial professionals, manufacturers, technology and product suppliers, solution and service providers, academia and those with abiding interest. Industrial updates, technology presentation, best practices and many more will be covered at the concurrent conferences and seminars.

EXHIBITORS PROFILE

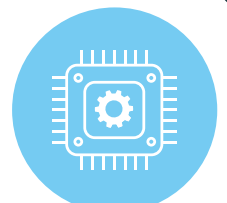
SMART INDUSTRIAL SAFETY

- Personal Protective Equipment (PPE)
- Safety Equipment and Facilities for the Workplace
- Equipment for Working Environment Improvement
- Environmental Protection at work
- Measurement and Control Technology
- Safety Equipment and Systems
- Incident & Emergency Management
- Asset Tracking Management
- IT-Security
- Digital Applications and Solutions
- Software
- Occupational Health Equipment
- Work Digitalization
- Tag Out & Lock Out



TECHNOLOGY FOR ADVANCED MAINTENANCE

- Factory / Plant Management System
- Maintenance Technology & Equipment
- Measurement / Diagnosis / Inspection
- Sensors
- Monitoring
- Predictive Maintenance Technology & Equipment
- Protective Maintenance Technology & Equipment
- Repair Technology & Equipment
- Safety Device
- Digital Technology & Innovation
- IoT
- AI & Robotics
- Big Data
- Cloud Computing
- Supporting System Equipment
- Logistic System & Services



VENUE



BITEC

88 Debaratana Road (km. 1) Bangna Tai. Bangna, Bangkok 10260, Thailand

by BTS Skytrain. Visitors travelling to BITEC can get off the train at "Bang Na Station" E13 Exit 1. From there, it is just a short walk to the skywalk leading directly to the Welcome Hall of BITEC.

MESSAGE FROM SUPPORTERS

“Safety’ and ‘Maintenance’ are the key to enhance capability of Thai process industries that will lead to sustainable development toward Industry 4.0. The Safety Engineers Association is very delighted and supportive to the idea of creating this SISTAM exhibition and conference that will be a great platform for industrial professionals, engineers and experts to gather and exchange knowledge, trend and insight for the same purpose of elevating our industry’s safety standard.”



Dr. Witoon Simachokedee
President of Safety Engineers Association, Thailand
Advisor to Minister of Industry, Thailand



Mr. Jullapong Thaveesri
Director-General, Department of Industrial Work

“Department of Industrial Work is pleased to support SISTAM 2023. We believe such an event dedicated to the enhancement of industrial safety and maintenance will be a great platform to create more safety awareness and importance to industrial process.”

“Our mission is to promote the dissemination of practical knowledge and new technology to help Thai business enterprises become more advanced and viable. Safety and smart technology are key essence to the sustainable development of Thai industries and economy. Hence SISTAM 2023 is launched at the perfect time and TPA is honored to co-host this exciting event. We’ll invite our members and alliance to join the event and learn more at our TPA’s 50th Anniversary Stand.”



Dr. Supoj Chinveeraphan
Executive Director & Director-General, Technology Promotion Association (Thailand-Japan)



Mr. Surachet Chalothorn
President, Thailand Institute of Chemical Engineering & Applied Chemistry (TIChE)

“Safety has always been prior agenda for chemical and all process industries. The recent enforcement of the 2022 OSH Law reclassifying risk-based industries and putting in place penalties for non-compliance with the law stir more attention and enthusiasm from the Thai industrial operators. We believe SISTAM 2023 will create a vibrant platform for such showcase and dialogues. As a co-host, we truly look forward to seeing our members, business partners as well as other industrial professionals there.”

ONSITE CONFERENCE & SEMINAR



12th Chemical Process Safety Sharing (CPSS) organised by Thailand Institute of Chemical Engineering and Applied Chemistry (TIChE) will be taking place at SISTAM 2023. This is the biggest process safety sharing community in Thailand, gathering of over 200 professionals process safety and process safety engineers who will share practical knowledge and update on process safety technology, prevention, operational and mitigation.



Industrial Maintenance seminar will be organised by the Technology Promotion Association (Thailand-Japan) during SISTAM 2023. Aimed at upgrading the operator’s capabilities in machinery maintenance, the seminar will cover the aspects of upgrading the system and/or solution to increase reliability and efficiency of manufacturing process.



Industrial Safety Update & Best Practice by Department of Industrial Work (DIW) A one-day seminar by Department of Industrial Work will provide an insight and update on latest regulation, practical implementation as well as case studies. Representative from selected Excellent Awarded Factories will also share their best practice.



Technology & Innovation Stage Learn more about trends, cutting-edge technology, innovation, latest product and solution that will answer to all your needs for the enhancement of safety and maintenance in your industrial process and workplace at this 3-day stage presentation.