

Nuremberg, April 14, 2023

Hannover Messe: Hall 9, Booth D53

More than a vacation destination: Indonesia returns as partner country at Hannover Messe 2023

- **Indonesia is a partner country of Hannover Messe 2023 and the first ASEAN country to receive this honor for the third time.**
- **At the show, the country will present its vision of becoming one of the ten most economically powerful countries in the world by 2030 by promoting the digital transformation.**
- **The Indonesian Ministry of Industry will be at the show to present a variety of technologies for Industry 4.0 as well as investment opportunities for the industrial sector.**

Good things come in threes: Indonesia is a partner country of this year's Hannover Messe 2023 and the first ASEAN country to receive this honor for the third time. The island nation is presenting its vision of becoming one of the world's ten most economically powerful countries by 2030 at the trade show, and it's already well on its way to achieving this goal: In 2020, Indonesia was the largest recipient of foreign direct investment (FDI) in the ASEAN region. Indonesia also represents the fourth-largest population in the world, with over 270 million inhabitants. In 2021, Indonesia's top trading partners were China, the United States, and Japan. Germany is the country's largest European trading partner.

Sustainable development in focus

The topic of sustainable development plays a major role at the Hannover Messe, with about 4,000 companies from mechanical engineering, the electrical and digital industries, and the energy sector introducing technologies and solutions for a climate-neutral industry at the world's leading trade show. This includes the digitalization and

automation of complex production processes, the use of hydrogen to supply energy to factories, and software for recording and improving the carbon footprint.

"As a partner country of Hannover Messe, Indonesia has a great opportunity to realize its vision and become one of the world's top-ten economies by 2030 by developing seven priority sectors. These sectors include food and beverage, textile and apparel, automotive, electronics, chemicals, pharmaceuticals, and medical products," said Eko S. A. Cahyanto, Director General of Resilience, Region, and International Industrial Access Development (Dirjen KPAIL) at the Indonesian Ministry of Economy.

Indonesia will showcase a number of technologies for Industry 4.0 and investment opportunities for the industrial sector. In addition, there will be a variety of events focused on the topic of Industry 4.0 as along with business summits and conferences in the Indonesian Pavilion on the Hannover Messe grounds covering an area of around 3,000 square meters.

The Ministry of Industry will be supported by more than 150 Indonesian companies that will attend as co-exhibitors. They'll present solutions in the fields of Engineered Parts and Solutions, Future Hub, Sustainability and Energy Transition, Global Business and Markets, Compressed Air and Vacuum, Digital Ecosystems, Drive Technology and Automation, and Motion and Drives. Indonesia will also showcase its progress in the development of industrial zones, economic zones, and the new capital city Nusantara. The Indonesian-German Summit will be officially opened by German Chancellor Olaf Scholz and Indonesian President Joko Widodo on April 17, 2023. Along with KADIN Chairman Arsjad Rasjid, Siemens AG CEO Roland Busch will deliver the welcome address in his capacity as Chairman of the German Economic Commission for Asia and the Pacific (APA).

Siemens Indonesia exhibits industry-specific solutions

At the Siemens Indonesia booth, intelligent solutions for industry-specific implementation of Industry 4.0 will be on display under the motto "Transform the everyday in Indonesia – to create a better tomorrow." In a virtual showroom, the team will present digital solutions from Siemens for the food and beverage industry. Visitors to the room will learn how Siemens' technologies and solutions are accelerating the sustainable transformation of Indonesian industry, infrastructure, and energy sector.

At the Indonesia Business Conference on April 18, Siemens will also facilitate a dialog between different stakeholders. Participants will talk about how sharing successful Industry 4.0 projects can contribute to the digital transformation of Indonesia's key industries. Lamine Jendoubi, CEO of Siemens Indonesia, will moderate the panel discussion on sustainability and climate neutrality.

In addition to their exhibition space at Indonesian Pavilion, the Siemens Indonesia team will also present applications of cutting-edge technologies for various key industries, including energy, transportation, smart urban, data centers, pulp and paper as well as metals and mining at Siemens main booth in Hall 9.

Indolakto: Industry 4.0 in the food and beverage industry

An important pillar of the Indonesian economy is the food and beverage industry. A part of this industry is Indolakto, a company that was founded in 1967 and that's now one of the largest local producers of dairy products in Indonesia.

Indolakto is a subsidiary of Indofood and offers a wide range of well-known household milk brands: for example, Indomilk, Cap Enaak, Tiga Sapi, and Orchid Butter and Ice Cream. Over the years, Indolakto has entered foreign markets like Africa, Bangladesh, Papua New Guinea, Timor-Leste, and the Middle East with its offering of sweetened condensed milk (SCM) and ultra-high-temperature (UHT) milk products.

Indolakto offers a number of links for various Industry 4.0 technologies and is one of the winners of the Industry 4.0 Readiness Index Indonesia (INDI) awarded by the Indonesian Ministry of Industry. Through automation and digitalization, Indolakto reduced product rejection by 20 percent, improved line efficiency by six percent, and increased productivity by nine percent in 2019.

How is Siemens supporting the digital transformation within the company?

In collaboration with the Indonesian Ministry of Industry, Siemens is implementing continuous process analytics (CPA) in the factory. This enables Indolakto to transform traditional data into smart data and access information that leads to deeper insights, intelligent prediction, and recommendations. This linkage helps make production smart, flexible, efficient, and profitable.

In warehousing, Indolakto uses the SIMATIC PLC S7 series, which controls automated storage and the transportation processes of automated guided vehicles (AGV) and automated storage and retrieval system (ASRS). The solutions optimize manufacturing operations, reduce warehouse size, and enable flexible logistics processes.

Indolakto has already implemented a manufacturing execution system (MES) in the warehouse. The system increases responsiveness to production conditions (downtime or stoppages) and ensures more reliable production results. In addition, MES provides strategic and tactical benefits, including faster time-to-volume, improved yields, and lower operating costs.



The national pavilion of Indonesia at the Hannover Messe.

More information on Siemens Indonesia at Hannover Messe 2023:

<https://www.siemens.com/id/en.html>

More information on Indolakto:

<https://www.siemens.com/global/en/company/stories/industry/2021/digitalization-cloud-food-and-beverage-dairy-indolakto.html>

More information on Siemens Indonesia:

<https://www.siemens.com/id/en/company/about-us.html>

More information on artificial intelligence in the Indonesian cocoa industry:

<https://www.siemens.com/global/en/company/stories/industry/2023/cocoa-cacao-chocolate-process-management-automation-digitalization-ugm-universitas-gadjah-mada-ctli-indonesia.html>

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Siemens Digital Industries (DI) is an innovation leader in automation and digitalization. Closely collaborating with partners and customers, DI drives the digital transformation in the process and discrete industries. With its Digital Enterprise portfolio, DI provides companies of all sizes with an end-to-end set of products, solutions and services to integrate and digitalize the entire value chain. Optimized for the specific needs of each industry, DI's unique portfolio supports customers to achieve greater productivity and flexibility. DI is constantly adding innovations to its portfolio to integrate cutting-edge future technologies. Siemens Digital Industries has its global headquarters in Nuremberg, Germany, and has around 72,000 employees internationally.

Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company had around 311,000 employees worldwide. Further information is available on the Internet at www.siemens.com.