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DENMARK

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The Denmark-Japan relationship is growing stronger as these industry players unite on their shared interests in innovation and sustainability.

The maritime, energy, food, manufacturing and biotechnology sectors are key to driving the green transition by developing sustainable business models and technologies. Their collaboration reinforces the pursuit of solutions toward "Designing Future Society for Our Lives," the theme of this year's World Expo in Osaka.

Denmark's National Day will be celebrated in the Nordic Pavilion on April 24, when Danish entities' cutting-edge knowledge and efforts toward a greener, more sustainable future will be on full display.



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A united pursuit of new solutions: Denmark and Japan's role in a responsible global economy

Novonesis: The time for 'biosolutions' is now

Biology and technology are accelerating the green transition. The merger of Novozymes and Chr. Hansen has created Novonesis, a global leader in what the new company calls "biosolutions."

Combining expertise, talent and research and development, today Novonesis delivers innovations and sustainable solutions in food, health and the environment.

With increasing demand for biosolutions across the Asia-Pacific, last year saw Novonesis report 10% organic growth in the region.

"The combination of two extraordinary companies makes us better, stronger and more well equipped to develop solutions for today, and for the future," said Lensey Chen, regional president of Novonesis APAC.

Biosolutions already play an important role in our daily lives by supporting gut health, lessening reliance on artificial additives, reducing sugar in yogurt, enhancing the taste of plant-based foods and improving food freshness.

"Food moves from farm to table through vast, interwoven food systems and a change, no matter in which area, ripples through the entire supply chain," Chen said.

"Our advanced solutions help rethink every step of the food value chain, from soil health to food preservation."

Agents of change

They are also making the detergents we use more effective and helping to reduce our reliance on fossil fuels through biofuels.

"While Novonesis' biosolutions cannot be seen with the naked eye, we are taking care of people and improving society," Chen said.

"As our solutions improve our daily lives, we will continue to do more in the future."

Novonesis APAC leads the world in biotechnology and patent activity, and governments across the region are investing in biosolutions to build a more sustainable future.

Innovative solutions for Japan

Japan is one of Novonesis' largest markets in the region and



Lensey Chen, Regional President of Novonesis APAC

"As our solutions improve our daily lives, we will continue to do more in the future."

the company has been active in the Japanese market since 1977.

Japan's annually updated bio-strategy began in 2019 and reflects the country's commitment to biotechnologies. Novonesis is expanding its capabilities to meet demand.

Novonesis' R&D facility in Chiba Prefecture was the company's first outside of Denmark and 2022 saw Novonesis celebrate 40 years of R&D in Japan and 30 years of funding Japanese academic research.

With Japan aiming to become the world's most advanced biotech economy by 2030, Novonesis is shaping the future of global biosolutions, hand in hand with Japan.

Japan is set to remain a trusted partner as Novonesis continues to support sustainable food systems and deliver health solutions in line with the green transition. ■

www.novonesis.com

novonesis

Ringsted Dun brings Danish comfort to Japan

High-quality bedding and sustainable production are shaping the future of sleep. Dykon, Northern Europe's leading manufacturer of duvets and pillows, is bringing Danish-made comfort to the world.

Through skilled craftsmanship and responsible sourcing, Dykon's premium international lifestyle brand Ringsted Dun represents bedding solutions designed with quality and durability in mind.

Since 1947, the brand has been developing and refining its products to ensure exceptional standards and comfort.

Bringing Danish comfort to Japan

With increasing demand for high-quality bedding across global markets, Dykon is expanding its reach.

"We prioritize strong, lasting relationships with our international partners as we believe mutual success and growth stem from long-term collaborations," said CEO Steffen Rathcke.

Dykon combines its strong tradition with a deep understanding of customer needs and continues to uphold its commitment to quality, sustainability and Scandinavian design.

Ringsted Dun's heritage of craftsmanship and Scandinavian design aligns well with Japanese values of quality and longevity. Active in Japan for many years, Dykon is strengthening the Ringsted Dun brand in the Japanese market.



Kristian Cort Hojgaard, Head of Sales, and Steffen Rathcke, CEO, of Dykon

The company works closely with a number of Japanese retailers and is continuing to develop strong relationships with retail partners across the country.

Commitment to quality and hygge

With a claims rate of just 1%, producing high-quality products is a priority for Dykon.

"Reliability and customer satisfaction are vital and our commitment to delivering quality products ensures customers

can wholeheartedly trust our brands," said Kristian Cort Hojgaard, head of sales.

Dykon follows a circular production model, sourcing feathers and down as by-products of the food industry. The company implements strict traceability and compliance with European animal welfare standards, while simultaneously minimizing waste and prioritizing responsible sourcing.

Dykon's products symbolize hygge, a defining characteristic of Danish culture

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represented by coziness, comfort and a feeling of well-being.

"Our products are tailored for the world," Rathcke said. "We anticipate significant growth in Japan as we bring our Danish-made products and the culture of hygge into homes across the country." ■

www.dykon.dk/en/



RINGSTED DUN
ESTABLISHED 1947

Tegnology: Innovating energy through partnerships and global expansion

Tegnology is redefining waste heat recovery by converting untapped thermal energy into clean energy.

Bridging the gap between research and industry, the company is driving the green transition through more effective and sustainable power generation. With strategic partnerships and market expansion, Tegnology is emerging as a leader in energy innovation.

"By harnessing waste heat and converting it into clean electricity, we provide future-proof operations to our customers and enable new revenue streams. Together with our partners, we go beyond innovation," CEO Hao Yin explained.

Collaborations with Danish organizations, such as the public-private nonprofit State of Green, provide the company with critical industry knowledge, expand its network and advance early technology adoption.

As the need for sustainable energy continues to increase worldwide, Tegnology's partnerships ensure that waste heat recovery will play a key role in the future of clean energy.

Leadership and strategic growth

From frontline engineer to chief technology officer and now CEO, Yin possesses a comprehensive knowledge of both the technical and business aspects of the industry.

"One of my key responsibilities is to balance innovation and business sustainability," Yin said. "While research and development is crucial, it must align with our commercial and ethical goals and this approach helps us set high industry standards."

His approach to innovation ensures new technologies are cutting-edge and financially sustainable.

Engaging Asia

While Asia presents opportunities and challenges, a localized approach is crucial, and Yin's experiences in Eastern and Western markets provide valuable insight.

Tegnology is entering the Japanese market, where precision, reliability and commitment mirror the company's values. By introducing European clean energy expertise, Tegnology is uniting



Hao Yin, CEO of Tegnology

diverse technologies and setting new standards for waste heat recovery.

Transforming district heating and beyond

Tegnology's self-powered monitoring solutions are revolutionizing district heating and cooling systems. Similar opportunities have been identified in the digitalization of oil and gas pipelines and in the optimization of facilities that convert renewable energy into other forms of green energy. By generating electricity directly from underground pipes, these

"By harnessing waste heat and converting it into clean electricity, we provide future-proof operations to our customers and enable new revenue streams. Together with our partners, we go beyond innovation."

systems eliminate battery dependence, improving efficiency and sustainability. A pilot project has shown the potential for €134 million (¥21.7 billion) in annual savings in countries such as Denmark.

With strong partnerships, a clear vision and a commitment to sustainable innovation, Tegnology will continue contributing to waste heat recovery and energy efficiency around the world. ■

www.tegnology.dk

TEGNOLOGY