



YANMAR

News Release

April 22, 2022

Yanmar Holdings Co., Ltd.

Yanmar Highlights Progress on Sustainability Initiatives



The Yanmar Group headquarters, the YANMAR FLYING-Y BUILDING is targeting zero-emissions.

Osaka, Japan (April 22, 2022) - Yanmar is undertaking a range of activities in pursuit of a sustainable society, under its Brand Statement of A SUSTAINABLE FUTURE. From the development of new energy sources for customers and industry, to working towards zero-emissions from its headquarters and facilities, Yanmar is developing clean and safe solutions for industry and society.

In 2021, the company accelerated its efforts towards realization of a hydrogen-based society through a partnership with German company 2G, a leading provider of hydrogen-powered cogeneration systems. Yanmar completed tests of its hydrogen fuel-cell boat where a polymer electrolyte fuel cell (PECM) system was successfully installed into a Yanmar demonstration vessel, followed by successful world's first demonstration of maritime high-pressure hydrogen refueling technology. Yanmar is pursuing collaborations towards decarbonization with partners in Yanmar's business domains of the land, the sea and the city.

As electrification of industry and society gathers pace, Yanmar is committed to delivering solutions that enable customers to adopt zero-emission technology without compromising on productivity. Its recent acquisition of ELEO Technologies, a fast-

growing battery technology company based in Helmond, the Netherlands will further Yanmar's electrified powertrain capabilities with versatile, customized solutions for off-road applications. Yanmar has revealed its first electric mini excavator prototype: the new SV17e. The SV17e prototype is a clear demonstration of Yanmar's intent to build a sustainable business for our customers and dealer partners.

Long recognized as a global leader in highly efficient machinery, efforts towards realizing a sustainable resource-recycling society include the development and deployment of bio-gas cogeneration systems that convert sewage and waste food into clean energy, generation systems that utilize waste cooking oil and a demonstration plant that realizes sustainable energy from rice husks for a resource recycling agriculture. Yanmar's advanced YC100 bio-composter, available in Japan, quickly processes food waste to support a resource recycling society.

As Yanmar looks to meet the challenges of the coming century, the company's transformation will encompass new products with alternative fuel technologies and will embrace the entire business as we strive towards A Sustainable Future.



Left: Yanmar's hydrogen fuel cell boat; right: The ELEO advanced modular battery system for off-road applications.

About Yanmar

With beginnings in Osaka, Japan in 1912, Yanmar was the first ever to succeed in making a compact diesel engine of a practical size in 1933. Moving on, with industrial diesel engines as the cornerstone of the enterprise, Yanmar has continued to expand its product range, services, and expertise to deliver total solutions as an industrial equipment manufacturer. As a provider of small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine, machine tools, and components — Yanmar's global business operations span seven domains.

On land, at sea, and in the city, Yanmar's Mission of "providing sustainable solutions focused on the challenges customers face, in food production and harnessing power, thereby enriching people's lives for all our tomorrows," stands testament to Yanmar's determination to provide us with "A Sustainable Future".

For more details, please check out the official website of Yanmar Holdings Co., Ltd.

<https://www.yanmar.com/global/>

Note: Information contained in the news release is valid at the time of publication and may differ from the most recently available information.

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