

Value Creation

Kawasaki Heavy Industries | On the Front Lines of Value Creation

Opening new possibilities

Capitalizing on the technologies nurtured over the course of our long history, the Kawasaki Heavy Industries Group will continue to make creative challenges in response to coming social issues.

HySE-X1 performs successfully in 2024 Dakar Rally

The HySE (hydrogen small mobility and engine technology) research association was jointly established in May 2023 by six companies: Kawasaki Heavy Industries, Ltd., Kawasaki Motors, Ltd., Suzuki Motor Corporation, Toyota Motor Corporation, Honda Motor Co., Ltd., and Yamaha Motor Co., Ltd. Based on joint research by these companies, they developed the HySE-X1 buggy, which features a chassis produced by partner company Overdrive Racing, a well-known presence in the cross-country rally world, and carries the developed hydrogen engine. The HySE-X1 is equipped with a Ninja H2 series' supercharged engine modified to use hydrogen as its fuel source, three hydrogen tanks, and a hydrogen fuel supply

system. It was developed with the aim of collecting data under harsh environmental conditions.

In January 2024 the HySE-X1 took part in the new "Mission 1000" category of the Dakar Rally, established to encourage the development of next-generation powertrains. It arrived spectacularly at the final-stage finish gate, thus sufficiently accomplishing the objectives of participation, which were the early testing of issues in hydrogen small mobility and the building of a fundamental technology for hydrogen engines.

Pooling our strength with various other players and sharing our hopes with them, the Kawasaki Heavy Industries Group will continue to aim for the practical application of hydrogen energy.



For more details, refer to the website.

