For Industry [Bearing.ai]

Optimizing Ship Navigation

◆ We established BEARING.ai with **AI Fund, which was** established by Andrew Ng, a global authority on AI.

◆ AI Fund developed a **deep learning algorithm** using vessel navigation data and data collected from IoT devices, and built a **fuel consumption prediction model**. Higher accuracy has been confirmed.

◆ This reduced the cost of global maritime transport by roughly 50%, improved global fuel efficiency by 10 trillion yen/year, and reduced GHG emissions from vessels.

◆ Bearing.ai was selected for **AI50 2021** by Forbes as an AI company that should be watched. It was also selected by CB Insights for the **Top 100 AI 2022**.

◆ Kawasaki Kisen Kaisha, Ltd. has already introduced the company's technology for commercial use in the roughly 300 ships in its core navigation fleet, and Iino Kaiun Kaisha, Ltd. has also introduced it.