



November 29, 2023
Electric Power Development Co., Ltd.

J-POWER Holds Japan's First Zero-Carbon Conference Related to Blue (Ocean-Derived) Carbon Credits

- Offsetting the Carbon Footprint of a Kitakyushu Port Decarbonization Conference on J Blue Credits -

Electric Power Development Co., Ltd. (J-POWER, headquartered in Chuo-ku, Tokyo; President: Hitoshi Kanno) has partnered with Kitakyushu City for the Kitakyushu Port Decarbonization Promotion Council¹ Special Lecture, a carbon neutral event held on November 29.

The 9.1 tonnes of CO₂ emissions associated with hosting the conference are offset using J Blue Credits.² The conference was the result of the certification of a project conducted in Kitakyushu by J-POWER. This is the first time in Japan that J Blue Credits created from the ocean have been used to offset a conference related to the sea, including port and maritime issues.



Captions:
At the time of installation
Four years after installation

J-POWER's Chigasaki Research Institute is currently constructing blue infrastructure³ at the Wakamatsu Operations and General Management Office in Kitakyushu using wave-dissipating concrete blocks made from J Blue Concrete, a low-carbon material using large amounts of industrial byproducts (see photos above). The CO₂ absorbed by seaweed growing on these blocks is certified for continuing J Blue Credits. J-POWER—by using blue infrastructure for repair work and other construction as well as offsetting CO₂ emissions through the resulting J Blue Credits derived from the growing seaweed—will continue working on realizing carbon neutrality as outlined in J-POWER BLUE MISSION 2050 announced in February 2021. This initiative reflects J-POWER's ongoing commitment to balancing decarbonization and engagement with the

local community.

Notes:

1. Kitakyushu City established the Kitakyushu Port Decarbonization Promotion Council in March 2023. Consisting of companies, organizations, and government agencies, the council is examining options for forming a Carbon Neutral Port (CNP) with net zero greenhouse gas emissions at Kitakyushu Port, an important hub for international logistics and industry.
2. J Blue Credits are certified and issued by the Japan Blue Economy Association (JBE), established and authorized by the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) with the aim of realizing the blue carbon offset system specified in the Green Growth Strategy Through Achieving Carbon Neutrality in 2050 formulated by the Ministry of Economy, Trade and Industry (METI) and other organizations. These credits enable the quantified trading of blue carbon, the carbon sequestered in the sea by marine organisms.
3. Blue infrastructure refers to seaweed beds, tidal flats, and harbor structures designed to nurture marine life. Since fiscal 2022, the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) has been promoting the Blue Infrastructure Expansion Project for Ports that Foster Life, aiming to further develop this type of infrastructure.