

## **AIST-GZR's Efforts to Realize Zero Emission Society**

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The Global Zero Emission Research Center (GZR) was established in January 2020 in line with the Japanese government's "Environment Innovation Strategy," which aims to reduce domestic as well as global greenhouse gas emissions. Connecting G20 researchers, GZR provides an important platform that attracts domestic and international insights about cutting-edge research and development.

Our research at GZR involves technological integration utilizing technologies developed in such fields as energy devices, hydrogen energy carriers, carbon recycling and technology assessment. We create innovations that solve social issues among the first in the world and strengthen economic growth and industrial competitiveness.

This presentation introduces our recent activities and some of our latest efforts that should play vital roles to realize zero emission society.