

Opening address and scope of the 3rd RD20

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RD20 Chair

President & CEO,

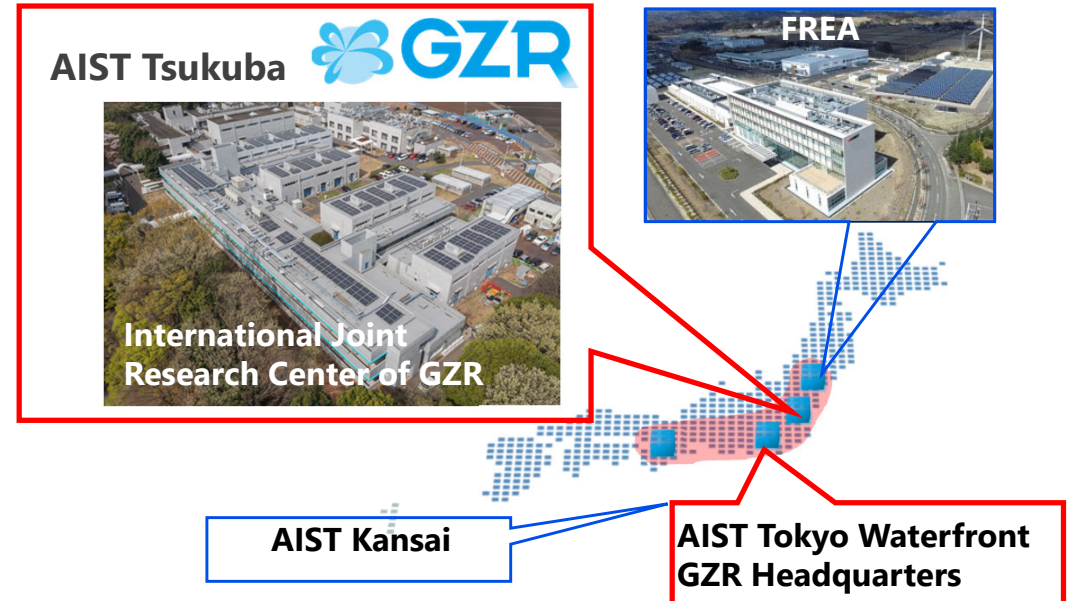
National Institute of Advanced Industrial Science and Technology (AIST)

RD20: Research and Development 20 for clean energy technologies

- An international conference aimed at building momentum for international collaboration among leading research organizations in G20
- Began in October, 2019
- The 3rd RD20 held as part of Tokyo “Beyond-Zero” Week 2021, a series of international conferences related to energy and environment, under the leadership of the Minister of Economy, Trade and Industry (METI) of Japan

AIST topics

- In April 2021, the International Joint Research Center of GZR opened at AIST Tsukuba.
- In collaboration with the Fukushima Renewable Energy Institute, AIST (FREA), GZR is conducting R&D on the following:
 - ✓ Next generation solar cells
 - ✓ Artificial photosynthesis
 - ✓ Hydrogen and CCUS



Scope of the 3rd RD20

1. Technical Sessions

- High priority themes for achieving carbon neutrality were selected
- Share objectives and leading examples for each country
- 3 themes selected:
 - 1) Decarbonization by Sectors,
 - 2) Social Acceptance of Hydrogen, and
 - 3) Next Generation Energy Management System

Scope of the 3rd RD20

2. The Global Collaboration “Taskforce”

- A new undertaking to create new international joint collaborations
- Proposals for several Task Groups on PV and hydrogen submitted by members, and debated upon in the Taskforce session
- The RD20 Secretariat will solicit member participation, and will support the future development of taskforce activities

Scope of the 3rd RD20

3. A Round Table Discussion in the Leaders Session

- Included to facilitate an in-depth debate among members
- Issues and ideas for promoting international collaboration submitted by members in advance
- Preparatory Leaders Meetings held for more in-depth discussions
- Results of these discussions to be incorporated into Leaders Statement