



FOR CLEAN ENERGY TECHNOLOGIES

The 4th RD20 Conference

Conference of leading research institutes from G20 members
Focusing on clean energy technologies held in October 2022 in Japan

Organizer : AIST (National Institute of Advanced Industrial Science and Technology)

Co-organizers (TBA):

MEXT (Ministry of Education, Culture, Sports, Science and Technology)

METI (Ministry of Economy, Trade and Industry)

MOE (Ministry of the Environment)

NEDO (New Energy and Industrial Technology Development Organization)

“RD20” started in 2019 aims to strengthen international collaboration and promote innovation by key R&D institutes from G20 members which lead cutting-edge technology development to realize a carbon neutral society. RD20 provides opportunities to exchange R&D and best practice of clean-energy related technologies and opportunities to seek feasibility of international collaborative study. RD20 also has a role to develop and deepen new partnership among related industry-government-academia stakeholders.

The 4th RD20 conference consists of 3 sessions, as hybrid conference.

Item	Date	Time	Venue
Technical Sessions	Tue. Oct. 4	9:30-17:20	Online
Taskforce Session	Wed. Oct. 5	15:30-17:30	Invitation only
Leaders Session	Thu. Oct. 6	13:00-17:00	Tokyo Prince Hotel and online

Countries and Region of Participation (planned)



i) **Technical Sessions (Oct. 4th)**

Online only

Time	Program contents and speakers		
9:30-9:45	Opening addresses: Dr. OBARA Haruhiko (AIST, Japan) and Dr. William Tumas (NREL, US)) Announcement from RD20 Secretariat		
9:45-11:45 (30 min x 4 talks)	General Plenary Session: General perspectives / Policy and high-level strategy Speaker: Dr. YABE Akira (NEDO, Japan), Prof. Dr. Christopher Hebling (Fraunhofer ISE, Germany), etc.		
11:45-12:45	Break		
12:45-16:05 (30 min + 20 min x 7 talks)	Theme1 H2 LCA (TEA) Moderator: Dr. Florence Lefebvre-Joud (CEA-Liten, France) Speaker: Dr. KUDOH Yuki (GZR, AIST, Japan), Dr. Amgad A. Elgowainy (Argonne National Lab, US), Mr. Thomas Roos (CSIR, South Africa), etc.	Theme2 RE Generation (Integration) Moderator: TBD Speaker: Dr. KOGAKI Tetsuya (FREA, AIST, Japan), Dr. Nancy Haegel (NREL, US), Ms. Kate Cavanagh (CSIRO, Australia), etc.	Theme3 CCUS +CDR Moderator: Dr. David Harris (CSIRO, Australia) Speaker: Dr. Nicholas Musyoka (CSIR, South Africa), Dr. MORIMOTO Shinichirou (GZR, AIST, Japan), Dr. Graeme Puxty (CSIRO, Australia), etc.
16:05-16:20	Break		
16:20-17:20	Panel Discussion 1	Panel Discussion 2	Panel Discussion 3

As of August 3

ii) **Leaders Session (Oct. 6th)**

Registered participants only, in-person and on-line

Venue: Tokyo Prince Hotel (<https://www.princehotels.com/tokyo/>)

Time	Item and Speakers
13:00-13:15 Opening Session	METI, Chair of RD20
13:15-14:15 Key-note lectures	2 Speakers: Dr. YOSHINO Akira (AIST, Japan), TBD
14:15-17:00 Round Table Discussion	Discussion and adoption on action plans for general matters and sub-themes (may include public announcement of launch of specific projects, e.g. PV and hydrogen)

As of July 21

Registration URL



Latest information (program, speakers, etc.) is available at the RD20 official website.

<https://rd20.aist.go.jp>

Contact: RD20 secretariat

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