

THE 8th RD20 CONFERENCE

19^{MON}–23^{FRI} OCTOBER 2026

Accelerating Clean Energy Innovation: From Africa to the World

**Pretoria,
South Africa**

The 8th RD20—an international conference in the field of clean energy that brings together world-class researchers of G20 countries and regions—will be held this October at CSIR in Pretoria, South Africa.

Whether you're a regular attendee or first-time participant, this conference enables you to stay ahead of the latest trends, and offers opportunities for international joint research and networking. This year's sessions open to the public include high-level talks on clean energy technologies, as well as technical sessions by leading researchers on the topics of Energy Access, Synthetic Fuels, and Critical Minerals for Energy. Sessions open to the public will be made available via live streaming and on-demand viewing. Interested? Visit our website for more information on RD20. We look forward to seeing you there.



Ms. Mandy Mlilo

Department of Science, Technology, and
Innovation (DSTI), South Africa
"DSTI Hydrogen & Energy Research, Development
and Innovation Initiatives"



Prof. Christopher Hebling

Fraunhofer Institute for
Solar Energy Systems, Germany
"Pathways to Climate Neutrality Through
Renewables and Decarbonized Fossil Energy"



Prof. Philippe Poggi

University of Corsica/CEA, France
"Research, Businesses and Innovation in Overseas
Territories: Smart Grids and Energy Transition"

About RD20

RD20 (Research and Development 20 for Clean Energy Technologies) is an initiative for international research and development launched in 2019 to strengthen collaboration among leading research institutes in G20 countries and regions developing advanced technologies for carbon neutrality. It provides opportunities to exchange R&D activities, experiences and best practices in clean energy technologies, and to explore the potential for international joint research. RD20 also serves to deepen partnerships among industry, academia and government stakeholders.



**Public sessions will be available via
live streaming and on-demand viewing.**

**Register
from here**



— SCHEDULED PROGRAMS —

Date	Session	Theme	Attendance Eligibility
19 October (Mon)	Workshop #1	AI for Energy	Members only
20 October (Tue)	Technical Session Plenary	High Level Talks on Clean Energy Technologies	Open to the public
	Technical Session #1	Energy Access—Innovative Solutions for Africa	Open to the public
	Technical Session #2	Synthetic Fuels	Open to the public
21 October (Wed)	Technical Session #3	Critical Minerals for Energy	Open to the public
	Workshop #2	Clean Hydrogen and its Derivatives	Members only
22 October (Thu)	Leaders' Session: AM	To be announced	Open to the public
	Leaders' Session: PM		Members only
23 October (Fri)	Site Visit Tour	Sasol Ltd.	Members only

— TECHNICAL SESSION OUTLINE —

TS#1


Energy Access
Innovative Solutions for Africa

Discuss research and development challenges and international collaboration to expand reliable and sustainable energy services for underserved and remote communities.

TS#2


Synthetic Fuels

Discuss research and development challenges in synthetic fuel production and the transition toward practical deployment, including improving process efficiency, reducing costs, and advancing sustainable production pathways.

TS#3


Critical Minerals for Energy

Learn about technologies supporting the sustainable production, use, and recycling of critical minerals for energy transition, including the circular economy and resource recovery approaches.



The 7th RD20 Conference 2025, Tsukuba, Japan



Venue of the 8th RD20 Conference

RD20 Member Organizations (country code)*:

BRIN (ID), CEA (FR), CINVESTAV (MX), CNRS (FR), CSIR (ZA), CSIRO (AU), DICP (CN), ENEA (IT), Fh-G (DE), Fh-ISE (DE), HZB (DE), INTI (AR), JRC (EU), KACARE (SA), KIER (KR), MAM (TR), NLR (US), NRC (CA), TERI (IN), UFSCar (BR), UKERC (UK), AIST (JP), NIMS (JP), and RIKEN (JP)

*Member organizations listed in alphabetical order (except for Japan grouped at the end)

For inquiries, contact:

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RD20 Official Website

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

