

Background Note & Draft Agenda

G20/T20 event

on

Challenges and Opportunities for Sustainable Energy Transition

Date: 04th July 2023 (Tuesday)

Timings: 10:00 AM- 3:15 PM

Venue: New Delhi

Host: Integrated Research and Action for Development (IRADe)

I Background

Energy transition refers to the shift from fossil fuels to renewable energy sources. This includes three major fossil fuels viz. Coal, Oil & Gas affects several sectors viz. power, transport and infrastructure industries. G-20 countries account for 75% of the global energy demand. The pathways to transition need to ensure that neither the economies of G-20 nor the progress to achieve Sustainable Development Goals (SDGs) is derailed by the Net Zero agenda. Though energy transition is critical to reducing carbon emissions and achieving Net Zero goals, the transition is highly dependent on enabling policies and access to technology, financing and capacity building of the stakeholders in developing countries. In addition, a road map is required to prepare the world for a post-transition world, new sunrise industries such as renewable energy, Zero Emission Vehicles (ZEVs), digitization etc.

The transition could give opportunities for green growth and harnessing the renewable potential of solar, wind, hydro and bioenergy resources. Wide-ranging stakeholder discussions could ensure the challenges of jobs, land use, finance and green growth. G-20 has the opportunity to drive a sustainable energy transition which is just and inclusive. IRADe shall engage a cross-section of stakeholders to discuss and deliberate on the key challenges and opportunities for sustainable transition and the required strategies and policies for an accelerated transition. Coal-dependent countries such as India, China, Indonesia and South Africa will exchange their

experiences along with Australia, the USA, Germany and/or the UK. International agencies can share fossil fuel experiences over the decades. A draft communique will be prepared to summarize the deliberations.

Draft Agenda

9:00 AM- 10:00 AM	Registration
10:00 AM- 11:00 AM	<p>Inaugural Session</p> <p>Welcome Address:</p> <p>Prof Jyoti K Parikh, Executive Director, IRADe</p> <p>Prof Sameer Saran, President, Observer Research Foundation</p> <p>Special Address:</p> <ul style="list-style-type: none"> • Shri Bhupender Yadav, Minister of Environment Forest and Climate Change, MoEFCC • Shri Arjun Munda, Minister of Tribal Affairs, GoI • Shri Suman Berry, Vice Chairman, Niti Aayog • Lord Nicolas Stern, Chairman, Grantham Research Institute, The London School of Economics and Political Science, UK • Ms Gauri Singh, Deputy Director General, International Renewable Energy Agency (IRENA) • Dr Xiaodong Wang, Senior Energy Specialist, East Asia & Pacific, World Bank, India • Dr Jeffrey D. Sachs, Director, Centre for Sustainable Development, Earth Institute, Colombia University, US <p>Key Note Address:</p> <ul style="list-style-type: none"> • Mr Amitabh Kant, G20 Sherpa

	<p>Vote of Thanks:</p> <p>Prof. Kirit Parikh, Chairman, IRADe</p>
11:00 AM-11:30 AM	<p>Tea Break</p>
11:30 AM-1:00 PM	<p>Session 1: Country Experiences on Sustainable Energy Transition</p> <p>The session will share perspectives and country experiences of sustainable energy transition from India, China, Indonesia and South Africa, USA, Germany and/or the UK. It will also deliberate key challenges and opportunities for enabling Just Transition in G20 countries.</p> <p>Session Chair: Sh Suman Berry, Vice Chairman, Niti Aayog</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Dr Jim Skea, Professor, Sustainable Energy at Imperial College London, UK • Dr David G. Victor, Professor, Innovation and Public Policy; UC San Diego, US • Dr Sita M Syal, University of Michigan • Smt. Nirja Mathur, Ex-Chairperson, CEA • Representative, Ministry of Energy & Mineral Resources, Govt of Indonesia • Ms Mandy Rambharos, Commissioner, Presidential Climate Commission, South Africa. • Dr Ajay Rastogi, Chairman, Task Force, Sustainable Just Transition, Jharkhand • Director, Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia

1:00 PM- 2:00 PM	Lunch
2:00 PM- 3:00 PM	<p>Session 2: Policy Suggestions to G20</p> <p>The session will deliberate on the key learnings for a sustainable energy transition from the experiences of the G-20 countries. It will suggest strategies and policies for the accelerated energy transition.</p> <p>Session Chair: Prof. Kirit Parikh, Chairman, IRADe</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Prof Sameer Saran, President, Observer Research Foundation • Dr. Vibha Dhawan, Director General, TERI • Ms Mikiko Tanaka, Head, Sub-regional office for South & South West Asia, UNESCAP • Mr. Auguste Tano Kouamé, World Bank • Mr Jiwan Acharya, Principal Energy Specialist, Asia Development Bank. • Dr Laura Cozzi, Chief Energy Modeller, International Energy Agency (IEA), Paris, France • Dr Tatiana Mitrova, Centre on Global Energy Policy, The Oxford Institute of Energy Studies, UK
3:00 PM - 3:15 PM	<p>Concluding Remarks</p> <p>Prof Jyoti K Parikh, Executive Director, IRADe</p> <p>Vote of Thanks</p> <p>Mr Deepak Kumar Srivastava, Director, IIM, Ranchi</p>

III Proposed Partners and Collaborators:

Govt. of India Ministries

- Niti Aayog
- Ministry of Coal
- Ministry of Tribal Affairs
- Ministry of Power
- Ministry of Environment, Forestry & Climate Change
- Ministry of New and Renewable Energy

G-20 Think Tanks and International Agencies

- Observer Research Foundation (ORF), Delhi, India
- International Institute for Sustainable Development (IISD), Winnipeg, Canada
- Asian Development Bank, Manilla, Philippines
- The World Bank, Delhi, India
- The Economic and Social Commission for Asia and the Pacific (ESCAP), Bangkok, Thailand
- Indian Institute of Technology, Dhanbad, India
- Indian Institute of Management, Ranchi, India
- Shakti Sustainable Energy Foundation, New Delhi, India
- India Korea Centre for Research & Innovation, Delhi, India

For more information, please reach out to:

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