



## Background Note & Draft Agenda

# Challenges and Opportunities of Sustainable Energy Transition

**4<sup>th</sup> July 2023, Hotel Le Meridien New Delhi, India**

### 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 G20 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

10:30 AM-11:00 AM	Registration & Tea
11:00 AM-12:00 PM	<b>Inaugural Session</b>
<p><b>Welcome Address:</b> Prof Jyoti K Parikh, Executive Director, IRADe</p> <p><b>Special Address:</b></p> <ul style="list-style-type: none"><li>• Mr. Tarun Kapoor, Advisor to PM, PMO, Govt. of India</li><li>• Mr. Auguste Tano Kouamé, Country Director, World Bank, India</li><li>• Dr. Jeffrey D. Sachs, Director, Centre for Sustainable Development, Earth Institute, Columbia University, US</li><li>• Shri Bhupender Yadav, Minister of Environment Forest and Climate Change, MoEFCC, Govt of India.</li></ul> <p><b>Address by Chair of the Session</b></p> <ul style="list-style-type: none"><li>• Shri R K Singh, Minister of Power, Govt. of India (TBC)</li></ul> <p><b>Vote of Thanks:</b> Prof. Kirit Parikh, Chairman, IRADe</p>	
12:00 PM-1:30 PM	<b>Session 1: Country Experiences on Sustainable Energy Transition</b>
<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><b>Session Chair:</b> Mr. Alok Kumar, Secretary, Ministry of Power. Govt of India</p> <p><b>Co-Chair:</b> Ms. Gauri Singh, Deputy Director General, IRENA, UAE</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"><li>• Dr Jim Skea, Professor, Sustainable Energy at Imperial College London, UK</li><li>• Dr. Anbumozhi Vankatachalam, Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia</li><li>• Prof Mark Swilling, Co-Director, Centre for Sustainability Transitions, Stellenbosch University, South Africa (TBC)</li><li>• Dr. Ajay Rastogi, Chairman, Task Force, Sustainable Just Transition, Jharkhand, India</li></ul>	

1:30 PM- 2:15 PM	<b>Lunch</b>
2:15 PM- 3:45 PM	<b>Session 2: Policy Suggestions to G20</b>
<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><b>Session Chair:</b> Prof. Kirit Parikh, Chairman, IRADe</p> <p><b>Co-Chair:</b> Mr Abhay Bakre, Director General, Bureau of Energy Efficiency (BEE)</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Dr. Rajan Ratna, Deputy Director, Subregional Office for South &amp; South West Asia, UNESCAP</li> <li>• Dr Tim Gould, Chief Energy Economist at International Energy Agency (IEA)</li> <li>• Mr Saurabh Kumar, India Head, The Global Energy Alliance for People and Planet (GEAPP)</li> <li>• Dr Pradeep Tharakan, Director, Energy Transition, Asian Development Bank, India</li> <li>• Dr. Vibha Dhawan, Director General, TERI</li> </ul>	
3:45 PM - 4:00 PM	<p><b>Valedictory Session</b></p> <p><b>Valedictory Address</b></p> <p>Mrs Meenakshi Lekhi, Minister of State for External Affairs &amp; Culture, Govt. of India</p> <p><b>Concluding Remarks</b></p> <p>Prof Kirit Parikh, Chairman, IRADe</p> <p><b>Vote of Thanks:</b></p> <p>Mr Rohit Magotra, Deputy Director, IRADe</p>

**For more information, please reach out to:**

Prof Jyoti K Parikh, Executive Director, IRADe- [jparikh@irade.org](mailto:jparikh@irade.org)

Mr. Rohit Magotra, Deputy Director, IRADe- [r.magotra@irade.org](mailto:r.magotra@irade.org)