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Türkiye, 26 October 2026

Excellency,

As COP31 approaches, the need for decisive collective action commensurate with the urgency of the climate challenge becomes increasingly pressing. This calls for reaffirming our shared commitment to advancing affordable and clean energy to strengthen climate resilience and energy security, foster economic prosperity, and improve human well-being.

Geothermal energy has an important role to play in this effort. As a reliable source of round-the-clock power and heat, it can reduce exposure to fuel price volatility, strengthen energy system resilience, and support growing demand from industry, digital infrastructure, and expanding economies. While progress has been made in geothermal energy development and deployment, significant acceleration is needed to realize its full potential by 2050.

In this context, the COP31 Presidency of Türkiye, in collaboration with the International Renewable Energy Agency (IRENA), supports a global voluntary commitment to work towards a twelvefold increase in geothermal power and heat capacity by 2050, compared with 2025 levels. Known as the **Global Geothermal Ambition 2050**, this initiative establishes a shared global objective while recognizing that countries will contribute in accordance with their national circumstances, capabilities, resource endowments, and development priorities. The Ambition does not establish individual national targets.

To support this objective, the Ambition identifies key enabling actions, including supportive policies and regulatory frameworks, increased access to financing, infrastructure development, skilled workforce development, and strengthened international cooperation.

Building on the potential of collective action to drive progress, **we invite countries and relevant stakeholders worldwide to endorse the Global Geothermal Ambition 2050** and contribute to accelerating geothermal energy deployment. Together, we can strengthen energy security, advance climate action, and support sustainable economic development. To confirm your endorsement of the Ambition or request further information, please direct your correspondence to ikg@enerji.gov.tr and gga@irena.org.

On this occasion, **we are pleased to invite you to the high-level event on the Global Geothermal Ambition 2050, jointly organised by the Ministry of Energy and Natural Resources of Türkiye and IRENA, on Tuesday, 10 November 2026, from 13:00 to 14:00 in Special Event Room 4 (Perge), COP31 Blue Zone.**

We look forward to coming together for the high-level launch of the Global Geothermal Ambition 2050 in Antalya during COP31.

Sincerely,

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COP31 President-Designate
Minister of Environment, Urbanisation and Climate Change
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Alparslan Bayraktar
Minister of Energy and Natural Resources
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Director-General
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