

## INFOCUS

# The Global Geothermal Alliance



### GLOBAL GEOTHERMAL ALLIANCE

The Global Geothermal Alliance (GGA) brings partners together to increase the share of geothermal energy in the global energy mix through both geothermal power generation and direct use of geothermal heat.

## BACKGROUND

Geothermal potential has been identified in nearly 90 countries — Geothermal energy is reliable, predictable, and is one of the lowest-cost energy sources once start-up costs are met. There is potential for geothermal energy to replace fossil fuels for electricity and heating, thereby reducing emissions and mitigating climate change. Despite being a mature technology, geothermal energy uptake has been limited so far due to investment, policy and regulatory challenges. The GGA seeks to overcome these challenges.

## WHAT THE GGA IS DESIGNED TO DO

The GGA will promote the widespread adoption and use of geothermal energy. Specifically, the GGA seeks to achieve a fivefold increase in the global installed capacity for geothermal power generation and a twofold increase for geothermal heating.

The GGA will be a global platform for improved dialogue, cooperation and coordination between geothermal industry, policy makers and geothermal stakeholders. It builds upon an accurate understanding of the investment risks associated with geothermal energy. Through customised support to regions and countries with geothermal market potential, and through the exchange of insights and experience among key stakeholders in the geothermal energy value chain, the GGA aims to foster an enabling environment to attract global investments for power generation as well as for other uses of geothermal energy.

## GGA MEMBERS & PARTNERS

The GGA is an inclusive and neutral multi-stakeholder platform that brings together public, private, intergovernmental and non-governmental actors that share the common objective of accelerating deployment of geothermal energy for power generation and other applications.

### GGA Members & Partners (to date)

**Member Countries:** Bolivia, Burundi, Colombia, Costa Rica, Djibouti, Ecuador, Egypt, El Salvador, Fiji, France, Guatemala, Honduras, Iceland, Indonesia, Kenya, Malaysia, Mexico, Nicaragua, Pakistan, Peru, the Philippines, St. Vincent and the Grenadines, Tonga, Turkey and Uganda

**Partner Institutions:** IRENA, African Development Bank, African Union Commission, Andean Geothermal Center of Excellence, Eastern Africa Power Pool, European Geothermal Energy Council, Inter-American Development Bank, and World Bank - ESMAP

*“We have a very important opportunity before us to prominently feature geothermal energy.”*

**Adnan Z. Amin,  
IRENA Director General**

### DETAILS OF THE STAKEHOLDER MEETING: 15-16 JUNE 2015 IN NAIROBI, KENYA

A stakeholder consultative meeting took place in June to discuss the concept of the the GGA and to exchange views on the way forward. Participants included representatives of countries, international and regional organisations, development partners, international finance institutions, and the private sector.

Meeting participants took this opportunity to conduct a site visit to the Olkaria geothermal complex and power stations in Kenya, the first geothermal power plant in Africa.

More about this meeting is available [at this link](#). Presentations and photos are available [at this link](#).

### NEXT STEPS

The formal launch of the GGA will take place at the 21<sup>st</sup> Conference of the Parties (COP21) to the United Nations Framework Convention on Climate Change (UNFCCC) in Paris in December 2015.

At COP21, GGA Members and Partners will articulate the first elements of the GGA work programme and develop some of the GGA’s concrete actions.

*A tour of Olkaria Geothermal Complex and Power Station in Nakuru, Kenya, for meeting attendees*



### HOW CAN IRENA MEMBERS JOIN THE GGA?

All IRENA Members are encouraged to join the GGA to become part of a global platform to facilitate enhanced dialogue and knowledge-sharing among key geothermal stakeholders worldwide.

**To become a GGA member, countries are invited to:**

Send an expression of interest to Gurbuz Gonul (GGonul@irena.org), including the name and contact details of the person who will act as the GGA focal point for the country.

**For more information, please contact:**

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