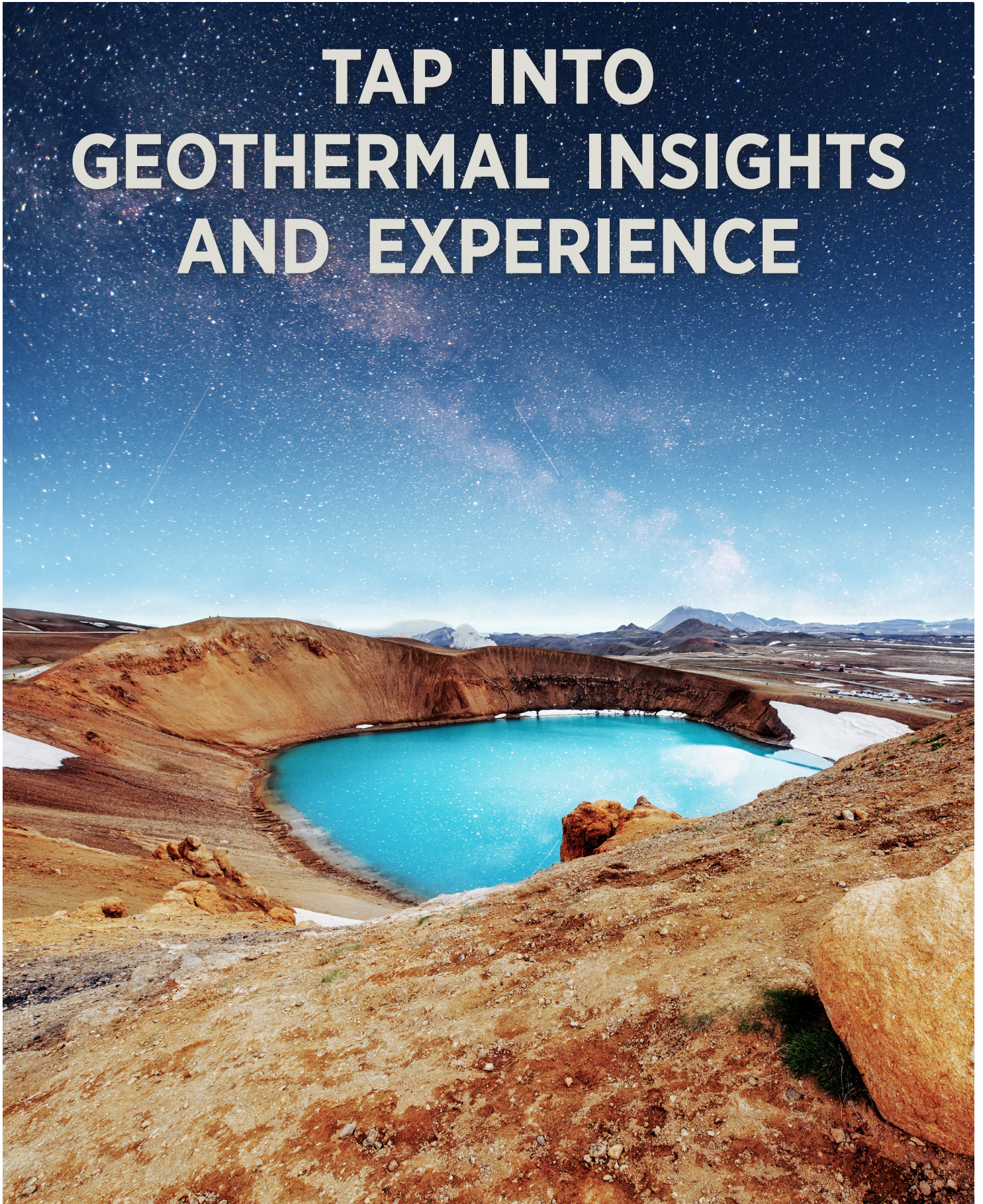


GLOBAL GEOTHERMAL ALLIANCE

Co-ordinated by



TAP INTO GEOTHERMAL INSIGHTS AND EXPERIENCE



The Alliance aims to foster an enabling environment to attract investments in geothermal power generation and direct use of geothermal heat

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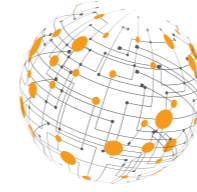
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GLOBAL GEOTHERMAL ALLIANCE

Launched at COP21,¹ the Global Geothermal Alliance (GGA) serves as a platform for dialogue, co-operation and co-ordinated action between the geothermal industry, policy makers and stakeholders worldwide.²

The GGA is a coalition for action to increase the use of geothermal energy, both in power generation and direct use of heat. It calls on governments, business and other stakeholders to support the deployment of realisable geothermal potential.

The Alliance has an aspirational goal to achieve a five-fold growth in the installed capacity for geothermal power generation and more than two-fold growth in geothermal heating by 2030.³



¹The 21st Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC), held in Paris, France, in December 2015.

² Objectives and principles of the Alliance are stipulated in the *Joint Communiqué on the Global Geothermal Alliance*, available at www.GlobalGeothermalAlliance.org

³Based on REmap analysis – a global roadmap to double the share of renewables in the energy mix.

What the Alliance does

The GGA aims to foster an enabling environment to attract investments in geothermal power generation and direct use of geothermal heat. The Alliance provides customised support to regions and countries with geothermal market potential and facilitates the exchange of insights and experience among key stakeholders in the geothermal energy value chain. It will identify and promote models for sharing and mitigating risks, in order to attract private investment and integrate geothermal facilities into energy markets. It will help to streamline outreach efforts to give geothermal energy greater visibility in the global energy and climate debates.

Members

Argentina, Bolivia, Burundi, Chile, Colombia, Comoros, Costa Rica, Djibouti, Ecuador, Egypt, El Salvador, Fiji, France, Guatemala, Honduras, Iceland, India, Indonesia, Italy, Kenya, Malaysia, Mexico, Kingdom of the Netherlands, New Zealand, Nicaragua, Pakistan, Papua New Guinea, Peru, the Philippines, Poland, Romania, Saint Vincent and the Grenadines, the Solomon Islands, Switzerland, Tonga, Turkey, Uganda, the United Republic of Tanzania, the United States of America, Vanuatu, Zambia, Zimbabwe.



Partners

African Development Bank, African Union Commission, AGH University of Science and Technology (Poland), Andean Geothermal Center of Excellence (Chile), Canadian Geothermal Energy Association, Eastern Africa Power Pool, Energy Institute Hrvoje Požar (Croatia), European Geothermal Energy Council, GeoDeep (France), GeoEnergy Celle e.V. (Germany), Geothermal Energy Association (USA), Geothermal Power Plants Investors Association (Turkey), Iceland GeoSurvey, Iceland Geothermal Cluster Initiative, Inter-American Development Bank, International Geothermal Association, International Renewable Energy Agency, Islamic Development Bank, Macedonian Geothermal Association, National Energy Authority (Iceland), New Partnership for Africa's Development, Nordic Development Fund, Organization of American States, Pacific Community, Regional Center for Renewable Energy and Energy Efficiency, Serbian Geological Society, Southern African Power Pool, United Nations Environment Programme, United Nations University–Geothermal Training Programme, United States Energy Association, World Bank.

* GGA Members and Partners at end of December 2017

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



Rittershoffen heat plant, Alsace, France

Courtesy of the European Geothermal Energy Council

GGA ACTION PLAN

Based on the principles stipulated in the GGA Joint Communiqué at the launch in Paris, the GGA Action Plan was endorsed by Members and Partners in May 2016.

The Action Plan identifies focus areas for GGA action and the modalities for implementation and funding. The Alliance will co-ordinate closely with existing structures, programmes and facilities that share the common objective of promoting geothermal energy deployment at the international, regional and national levels. It will operate based on activities linked to the Action Plan, supported in implementation and funding by committed Members and Partners.

Priority Action Areas

- **Action 1 – Resource and Market Assessment:** Identification and mapping of geothermal resources for development, as well as existing and potential geothermal market status and near terms projects in the pipeline.
- **Action 2 – Needs and Obstacles Assessment:** Scoping of the needs for assistance to countries with transformative potential in removing obstacles of policy, regulatory, funding or capacity building nature.
- **Action 3 – Enabling Frameworks:** Supporting the development of effective enabling policy, regulatory and institutional frameworks and relevant legal, fiscal and capacity building activities to achieve national objectives for geothermal energy deployment; facilitating access to and proposing improvements on financing and risk mitigation instruments.
- **Action 4 – Global Geothermal Network:** Establishing and improving a robust global network of geothermal energy experts building upon existing networks; promoting geothermal energy's role in supporting decarbonisation strategies and the implementation of national climate plans.

Who can join?

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

Member countries include those with resource potential that are established or emerging as geothermal markets, along with other countries that wish to support the activities of the Alliance.

Partner institutions include:

- Development partners, international and bilateral development organisations, international financial institutions, institutional investors, international organisations, and other geothermal energy development partners.
- Geothermal industry represented by geothermal business associations at the global, regional and national levels.
- Research and development (R&D) and academic organisations operating in the field of geothermal energy at the regional, national or subnational level.

High-Level Conference of the Global Geothermal Alliance 2017

The First High-Level Conference of the GGA took place in Florence (Italy) in September 2017. Co-organised by the Government of Italy and IRENA, the event represented the largest ministerial gathering dedicated to geothermal energy development to date and was attended by more than 200 high-level representatives from public, intergovernmental, non-governmental and private sectors.



Through the 'Florence Declaration' – an outcome of the meeting – GGA members reaffirmed the commitment to work together to identify and implement measures that will significantly increase the speed of geothermal energy development around the world.

The Florence Declaration and the main outcomes of the event are available at: www.globalgeothermalalliance.org

BECOMING A MEMBER OR PARTNER

In line with the inclusive and neutral nature of the GGA, applying for membership or partnership is straightforward. Requests by interested countries and institutions should be sent to the International Renewable Energy Agency (IRENA), the co-ordinator and facilitator of the GGA, by way of an official written request addressed to IRENA's Director-General.

- For country applications, IRENA confirms membership with the country and informs GGA Members and Partners accordingly.
- For institutional applications, IRENA seeks the consent of GGA Members, as per the GGA Joint Communiqué. Upon approval, IRENA confirms the partnership with the institution and informs GGA Members and Partners accordingly.

Member countries and partner institutions are not required to contribute any membership fee. The costs associated with GGA activities, including co-ordination meetings, shall be borne by participants.

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is a coalition to increase the use of
geothermal energy, both in power
generation and direct use of heat**

For more information:

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www.GlobalGeothermalAlliance.org