









Global Geothermal Alliance

2nd High Level Conference

Global Geothermal Alliance

Objective



Global Multi-stakeholder
Platform to foster
geothermal deployment
worldwide through
enhanced dialogue,
cooperation and
coordinated action
among key geothermal
stakeholders

2030 Goals



- 5-fold growth in geothermal power generation
- 3-fold growth in geothermal heat

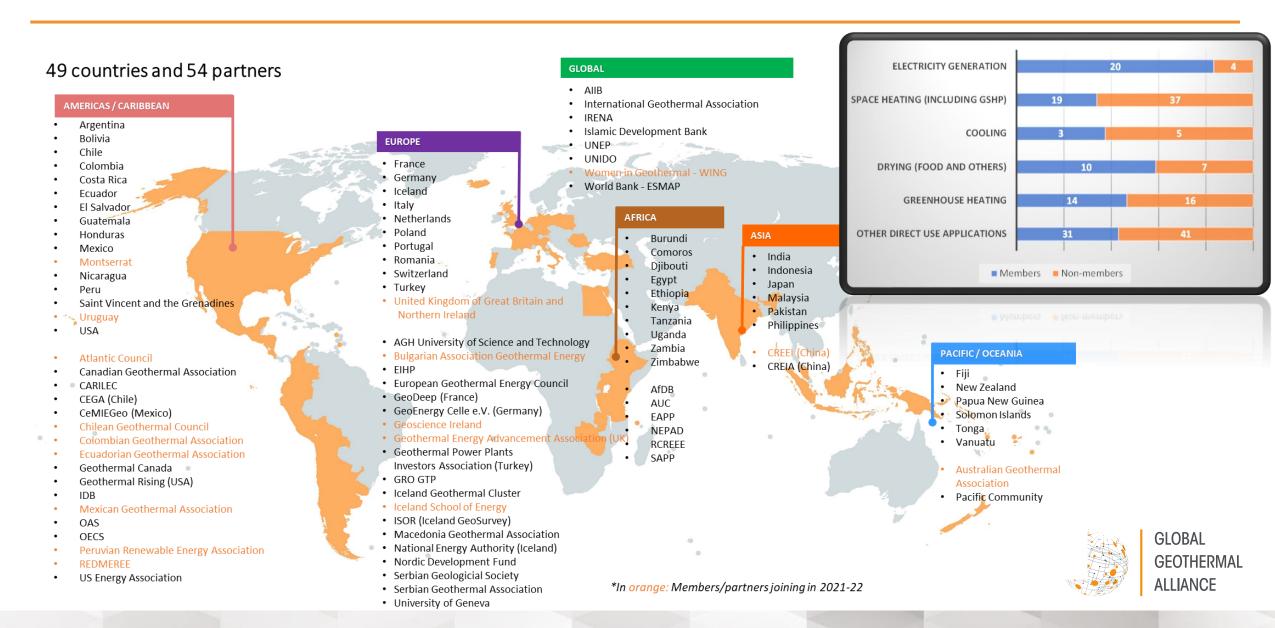
Action Plan



- Resource and MarketAssessment
- Needs and ObstaclesAssessment
- Enabling Frameworks
- Networking and Outreach



GGA: 49 Member Countries and 54 Partner Institutions



Offering a Global Platform for Dialogue and Cooperation



Launch at COP21 2015



1st High Level Conference 2017



GGA at IRENA Assembly 2018



GGA annual meetings



GGA at WGC 2021



Pioneering A New Approach to Geothermal Resource Assessment



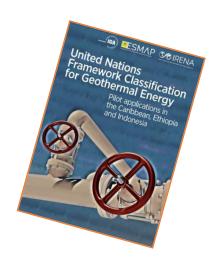
UN Framework Classification for Geothermal Energy

Promote standardization in classification and reporting geothermal resources



Pilot training on application of UN Framework Classification

- Technical sessions conducted in Indonesia, Ethiopia and the Caribbean Islands
- Co-facilitated by IRENA, IGA and ESMAP
- Produce classification reports and subsurface temperature maps
- Report on lessons learnt





Geothermal Market and Technology Assessments

Geothermal Market Assessment in East Africa

- Provide an updated status of the geothermal market
- Identify bottlenecks and provide recommendations





Enabling Policies and Regulatory Frameworks for Geothermal Energy - East Africa Rift

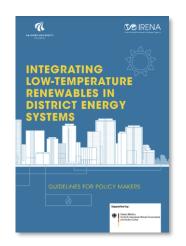
- Co-hosted with UNEP and African Union Commission
- Insights, experiences and best practices shared btw East African and Mexican counterparts

Global Geothermal Market and Technology Assessment [upcoming]

- Collaboration between IRENA and IGA
- What are the key drivers for geothermal in the coming years?
- Supported by practitioners' group of geothermal expert



Promoting Geothermal Heat Solutions in District Heating and Cooling



GUIDEBOOK FOR POLICY MAKERS: Integrating Low-Temp Renewables in District Heating and Cooling

Options and available tools for successful deployment

Thorough consultative process

 Supported by a practitioners' group of geothermal experts mainly from the GGA constituency



Informing Policy Making

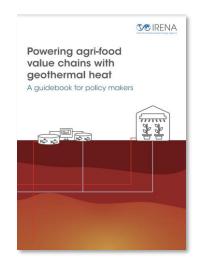
- Western Balkans (Capacity building)
- Belarus (Capacity building)
- China (Capacity building)
- Dialogue with industry
- Mongolia (capacity building and strategic heating plan)







Fostering Geothermal Heat Applications in the Agri-Food Systems



GUIDEBOOK FOR POLICY MAKERS: Powering Agri-food Value Chains with Geothermal Heat

- Key success factors based on best practices
- Priority areas to scale up geothermal deployment



 Supported by a practitioners' group of geothermal experts mainly from the GGA constituency





Informing Policy Making

- Global webinar
- East Africa workshop
- LATAM workshop



Facilitating RE Projects through IRENA Platforms



Climate Investment Platform (CIP)

- Joint initiative of IRENA, UNDP, and SEforALL in coord with Green Climate Fund (GCF)
- Develop a strong pipeline of bankable RE projects
- Facilitate the financial matchmaking

Energy Transition Acceleration Financing Platform (ETAF)

- Multi-stakeholder climate finance platform which aims to mobilize USD 1 B
- UAE announced USD 400 million anchor funding via ADFD
- Masdar joined as equity investor and TA provider
- Discussion underway with several IFIs to join





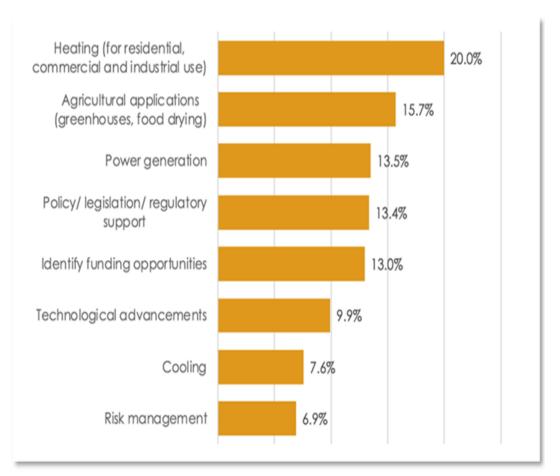
GGA Members and Partners Guiding on Strategic Direction and Priorities

Emerging Thematic Focus

- Direct use for end-use decarbonization for climate action and sustainable development
- Unlocking and facilitating investments and finance

Implementation Principles

- Guide and inform country decision making
- Explore and establish regional emphasis
- Enable stronger "practitioners" engagement to guide GGA work
- Advocate and raise awareness
- Activate strengthened country-industry dialogue







GLOBAL GEOTHERMAL ALLIANCE

Thank you!



