

# GLOBAL GEOTHERMAL ALLIANCE

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**Bogota, Colombia**

# Geothermal energy

- Mature clean technology
- Stable base-load power
- Direct use of geothermal heat
- Competitive prices



- High upfront costs of surface studies & drilling
- Policy uncertainty
- Shortage of skilled professional
- Perceived environmental issues and licensing
- Low awareness

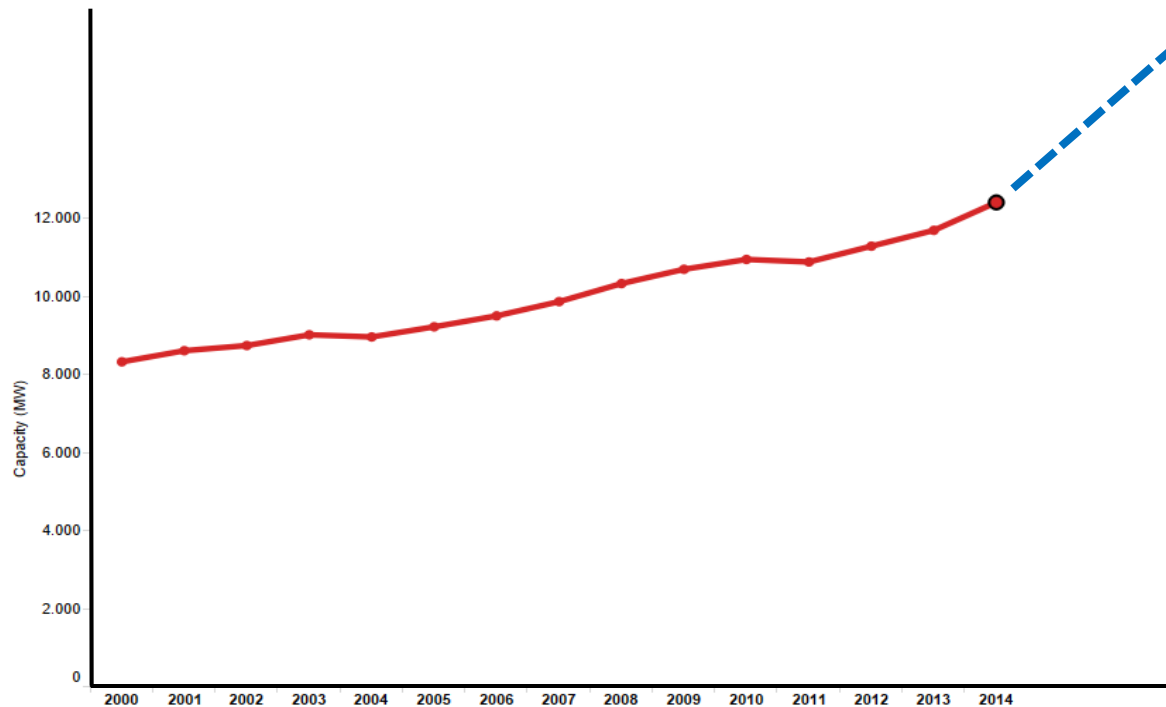
Modest growth of 3-4% per year

# Objective



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## Geothermal Power Installed Capacity



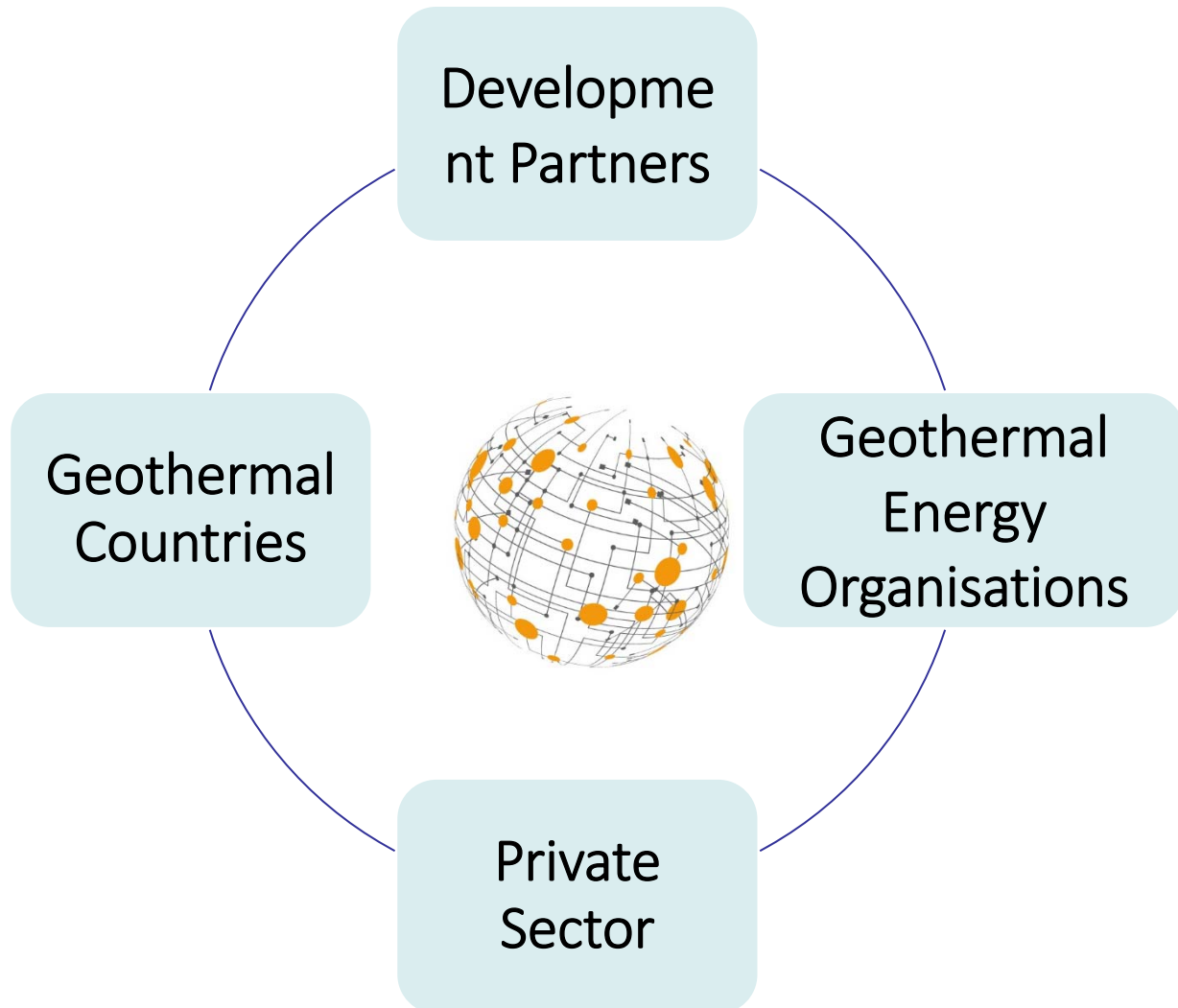
IRENA resource

By 2030\*:  
Up to **5x**  
geothermal power  
More than **2x**  
geothermal heat

\*Remap 2030

# Partners

Bolivia, Burundi,  
Chile, Colombia,  
Costa Rica, Djibouti,  
Ecuador, Egypt, El  
Salvador, Fiji,  
France, Honduras,  
Iceland, Kenya,  
Malaysia,  
Nicaragua,  
Pakistan, the  
Philippines, St.  
Vincent and the  
Grenadines, Tonga,  
Turkey and the  
United States



# Scope of activities

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***Platform for  
dialogue and  
coordination***

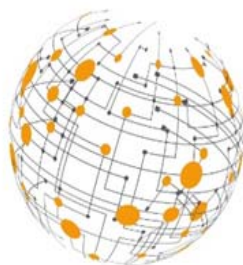
**Customized  
technical assistance  
and advisory  
support**

***Capacity building***

**Outreach and  
awareness raising**

# Platform for dialogue, cooperation & coordination

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Create synergies

Maximize complementarities

Avoid overlapping efforts and  
duplication

# Build on & coordinate wt



International  
Partnership for  
Geothermal  
Technology

➤ International Geothermal Association (IGA)



➤ Global geothermal development plan (WB ESMAP)



➤ International cooperation in geothermal R&D (IEA)



➤ International Partnership for Geothermal Technology (IPGT)



➤ Geothermal risk mitigation facilities in East Africa (GRMF) and Latin America (GDF)



European Union Africa  
Infrastructure Trust Fund



# Customized technical assistance and advisory sup

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Creation of enabling regulatory and institutional conditions

Promotion of geothermal energy investments

# Capacity Building

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Capacity needs assessment &  
needs-driven & targeted CB

Design and implement CB  
programmes

Strategic partnerships

# Outreach & awareness raising

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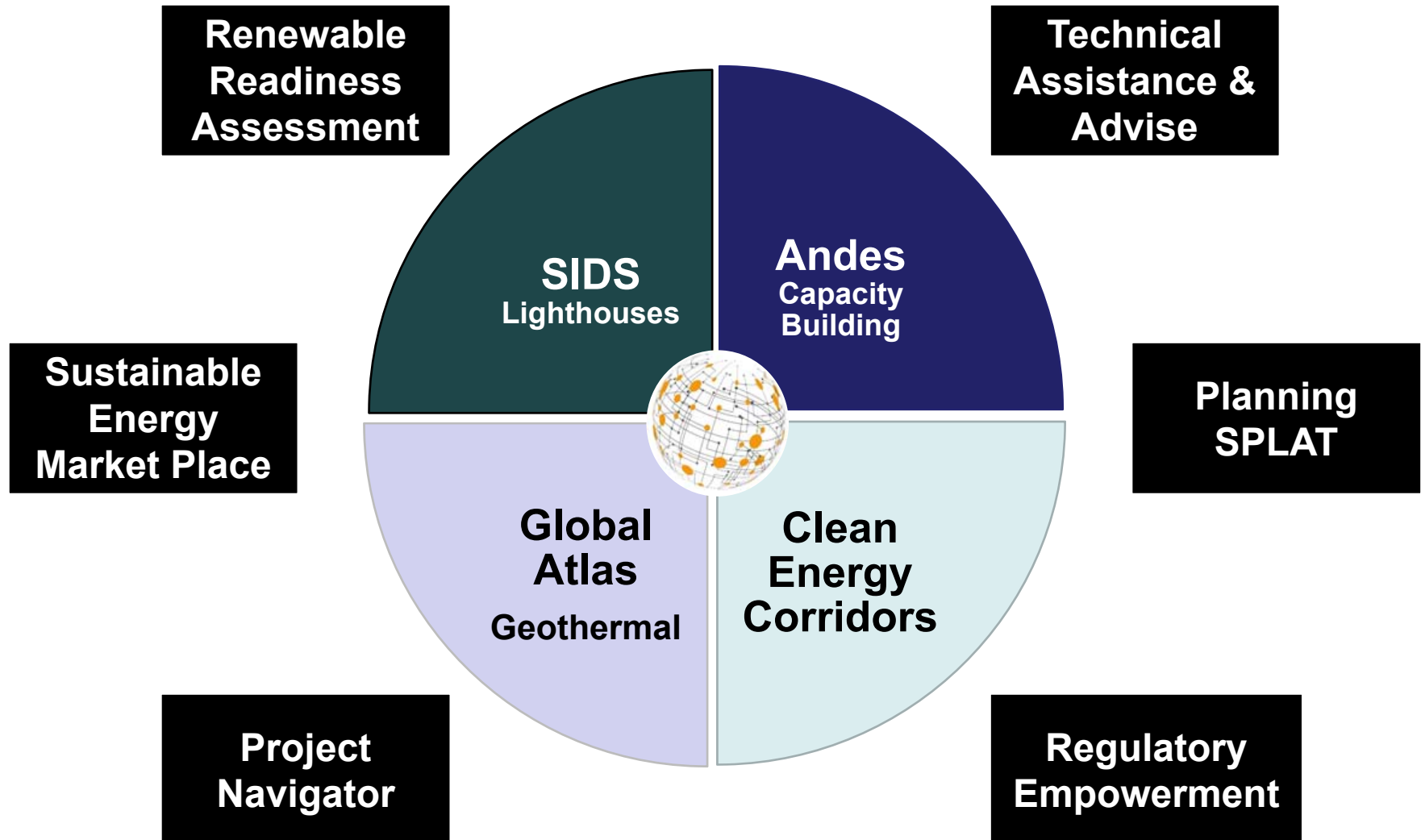
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Advocacy events

GGA website

Communication materials

# Integrating IRENA Work



# Administrative aspects

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## Operational principles

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## Governance

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## Secretariat

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## Joining the Alliance

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## Communication

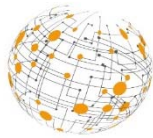
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## Funding

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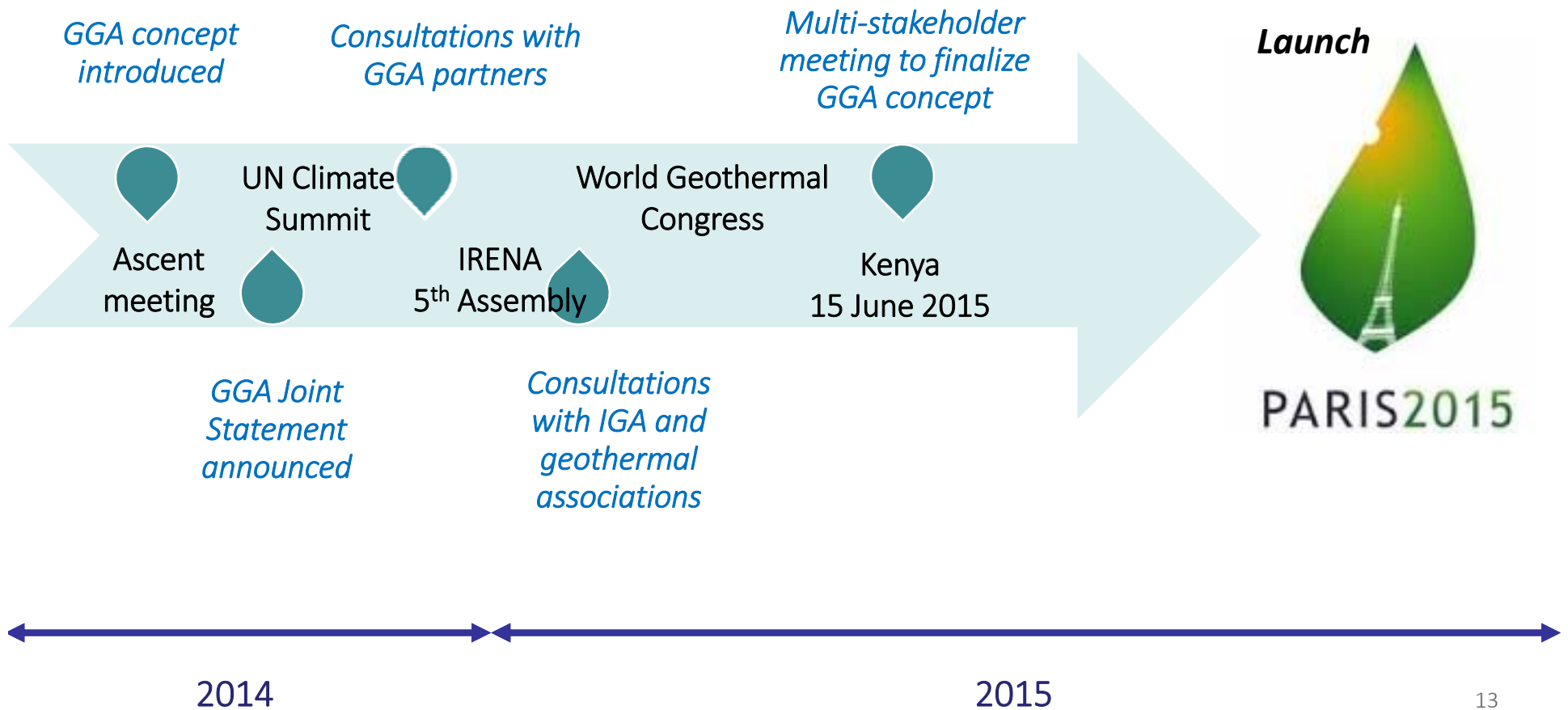
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IRENA  
International Renewable Energy Agency



**THANK YOU!**