

Deploying UNFC Geothermal

A global story



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WHAT IS UNFC?

United Nations Framework Classification for Resources

Universally acceptable and internationally applicable scheme for the classification and reporting of all energy and mineral resources.





2018 Launching a Joint Project

- **What is the project?**

- Three parties (IGA, IRENA and World Bank) committed various types of funding to organize and run workshops & training in 3 different locations worldwide. Duration was typically 2-3 days.

- **Workshop content?**

- Classify existing geothermal energy resources estimates according to the UNFC new standardisations
- Why is this valuable? a standardised approach and method towards resource estimates leads to a concrete value proposition to investors as the reporting can be compared across projects and countries along various types of resources. This creates bankable investment criteria and supports quantitative mapping of the global geothermal resource potential.



- OECS
- St Lucia
- St Vincent & the Grenadines
- **Domenica**
- Nevis

Caribbean



Ethiopia

- *Aluto I*

Indonesia

- *Flores Island*





Lessons learned



Lesson 1: ownership

Who owns the UNFC process on the ground?

- *Government*
- *Project developers*
- *Geological Agency*
- *Utility company*



Lesson 2: branding UNFC

Communication | narrative

- *Added value*
- *Attract investment*
- *Standardised language*



Lesson 3: focus on end-user

Capacity – Building FIRST

- *Larger focus on capacity-building*
- *Creating an easier access to the UNFC (data and information to be digitally available)*
- *Train-the-trainer. We need UNFC teachers!*

OUTLOOK FOR 2020



UNFC Pilot Project

Summary Report for three pilot countries
and regions: Indonesia, the Caribbean and
Ethiopia



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GLOBAL DEPLOYMENT PROGRAM

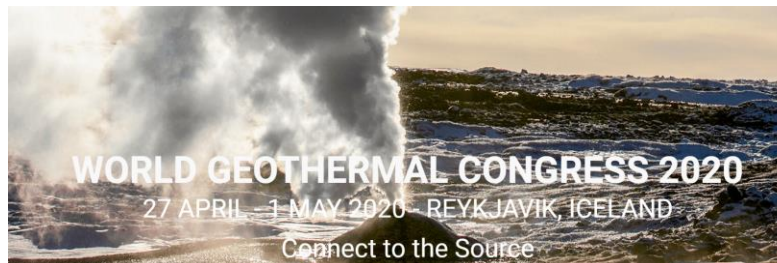
First steps

Transform the technical report into an **institutional document** for high-level audience. **IRENA** and **IGA** jointly working on this.

Longer term

Fund a **global deployment programme** targeting new regions such as Central America, and continue in the Caribbean, Asia and East Africa.

Present at World
Geothermal Congress 2020



Interested partners:
IRENA, ESMAP, UNECE,
Government of New
Zealand
Jacobs



THANK YOU TO ALL OUR PARTNERS
AND THE IGA EXPERTS VOLUNTEERING
THEIR TIME AND EXPERTISE