



GRMF Geothermal Country Database Promotion Workshop

1 November 2016



East Africa Geothermal
Energy Facility

What is EAGER?

- Funded by the UK Department for International Development (DFID)
- Regional technical assistance programme running for 3.5 years from May 2015
- GBP 6 million covering Ethiopia, Kenya, Tanzania, Uganda and Rwanda
- Provides free consultancy/assistance aimed at removing barriers to geothermal development
 - Client driven and independent
 - Addresses immediate needs as well as assisting longer-term policy, planning, investment decisions etc.



Geothermal Resource Data Value

- Key public interest issue:
 - Government/public value
 - Royalties, license fees, lower tariffs
- Basis for development:
 - Appropriate sizing of geothermal projects
 - Financing (equity and debt)

The Data Has Value!

- Need good quality processes and systems:
 - For data acquisition, management, modelling and updating
 - For database management, data analysis, review of options and presentation
- Can be undertaken by Government or a developer
- Use for regulation and for development

Who Owns the Data?

- In East Africa geothermal systems are the Government's resource ...
 - It is entitled to the data even if it is acquired by a developer
 - Concessions/licenses cannot be awarded and monitored without the data
- But the developer is entitled to own and use the data as long as it has the license ...
 - Confidentiality is a key issue for Government
 - Protocols must protect developer interests

A Challenge for East African Governments

- Establishing the processes and systems for data management and protocols for data sharing
- Meeting commercial confidentiality needs
- Having sufficient geodata analysis skills in Government agencies
- Avoiding conflict of interest between Government as regulator and as developer

How EAGER Can Assist?

- Framework for data acquisition, categorization, and storage management
- Defining protocols, procedures and controls to improve data gathering, manipulation and interpretation
- Capacity development to utilize stored data to further geothermal development

EAGER Support

- Uganda – underway
 - Guidelines on data utilisation for modeling, visualisation, technical analyses
 - Data security rules, protocols, system controls, IT options
 - Data utilization for tenders, awards and monitoring
- Tanzania – scoping due to begin end 2016
 - Guidelines on data acquisition, analysis, storage and management process