

# GRMF - OVERVIEW & STATUS

7<sup>TH</sup> APPLICATION ROUND

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A Catalyst for  
Geothermal Development



# GRMF - OVERVIEW & STATUS

1	GRMF in General
2	Funding
3	Project Phases
4	Organizational Structure
5	Application Rounds 1 – 5
6	Questions & Answers



# 1 GRMF IN GENERAL



The Geothermal Risk Mitigation Facility (GRMF) is managed by the Regional Geothermal Coordination Unit (RGCU) within the Department of Infrastructure and Energy of the African Union Commission (AUC-DIE).

East Africa has an estimated geothermal resource potential of over 15,000 MW. Development of this resource has potential to:

Improve the regional power generation	Constitute further advantages of geothermal energy projects like direct-use	Improve security of energy supply
Reduce CO2 emissions	Reduce the frequency and severity of energy price fluctuations and black outs	Adding low-cost power generating capacity in East Africa

## Implementing Agencies & Donors:



# 1 GRMF IN GENERAL



- In order to mitigate the high risk of exploration and reservoir confirmation drilling, the **Geothermal Risk Mitigation Facility (GRMF)** for **East Africa** was established in 2012.
- Mandate was given to the AUC by the Ministers of Energy from 11 countries of the EARS to establish the Regional Geothermal Programme.
- In 2020 Somalia was added to the list of eligible countries.



# 1 GRMF IN GENERAL



- The Geothermal Risk Mitigation Facility (GRMF) is managed by the Regional Geothermal Coordination Unit (RGCU) within the Department of Infrastructure and Energy of the African Union Commission (AUC-DIE).
- Implementing Agencies & Donors:



# 1 GRMF IN GENERAL



## Objectives:

Fund, facilitate, and accelerate geothermal development in Eastern Africa.

Encourage public and private sector investment into geothermal power generation.

Act as a catalyst in establishing geothermal energy as a strategic option for power generation capacity expansion in eleven partner countries in the Eastern African Rift region

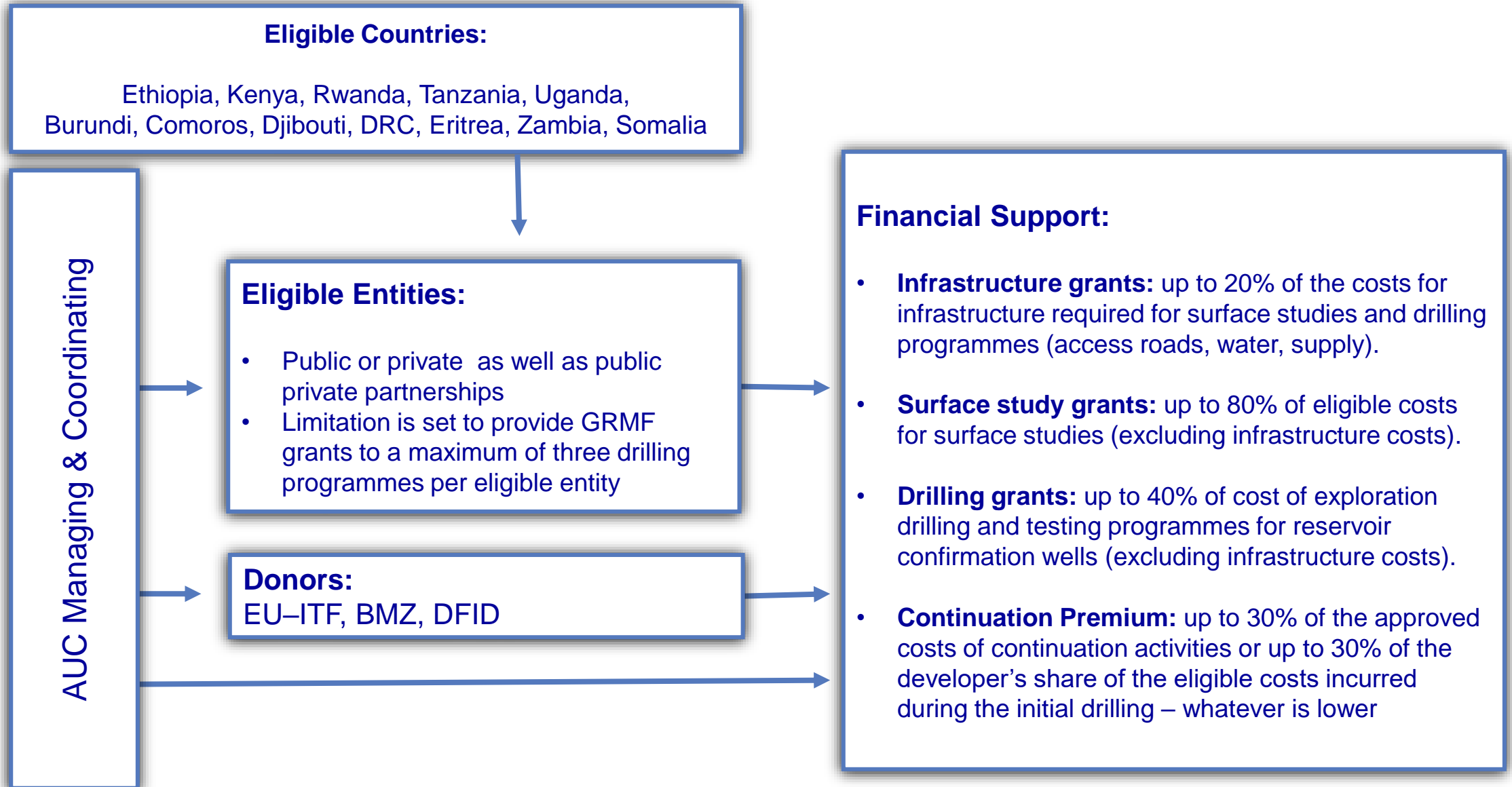
## GRMF offers:

**Information** (pre-bidding workshops, geothermal database)

**Capacity building** (constructive feedback during the application process, structured approach for coherent planning)

**Funding for Surface Studies** to determine the optimal sites for exploration wells at geothermal prospects once they have been studied.

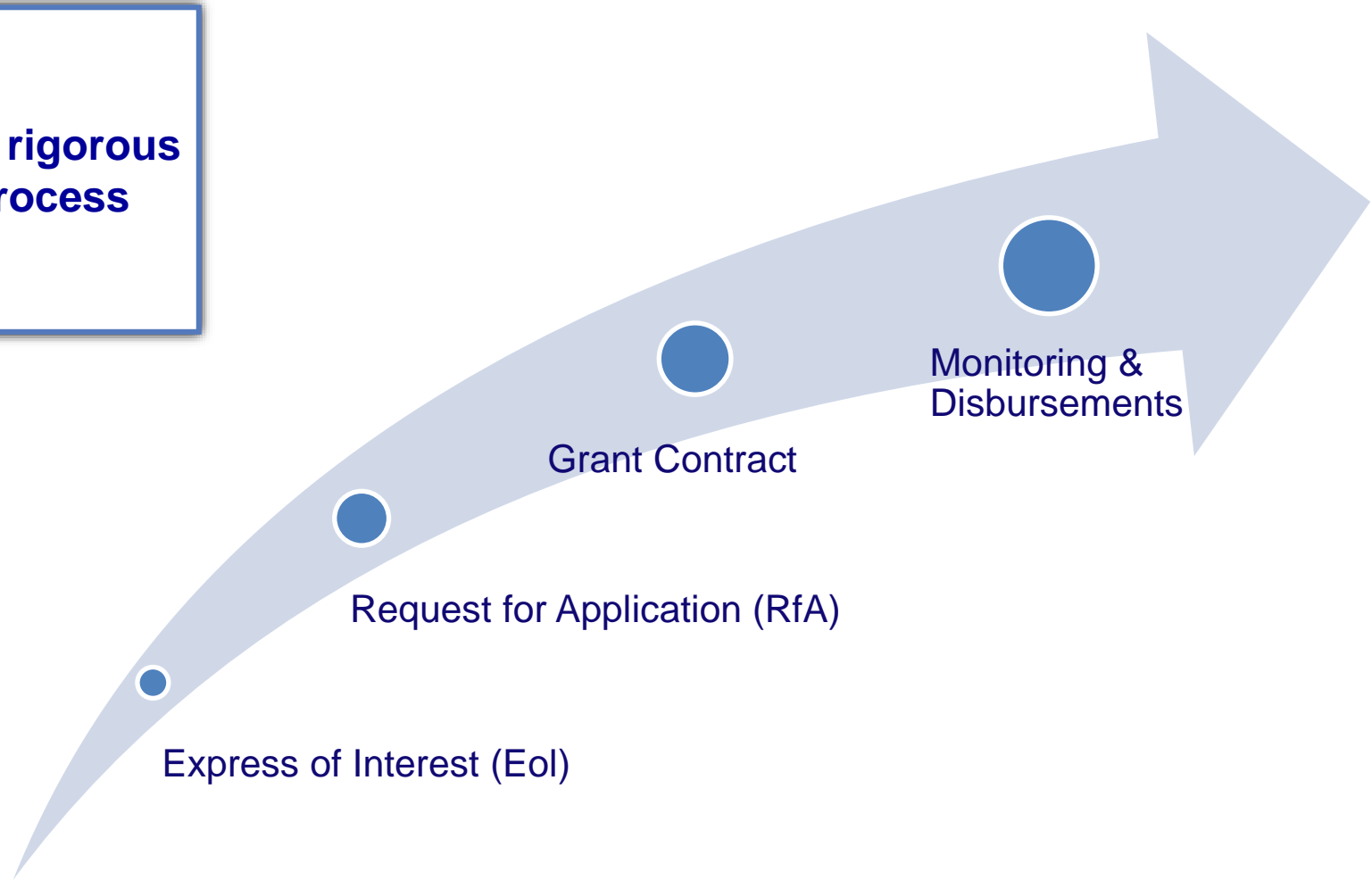
**Funding for Drilling Programmes** once the optimal locations for exploration wells as well as targets at depth have been determined.



# 3 PROJECT PHASES

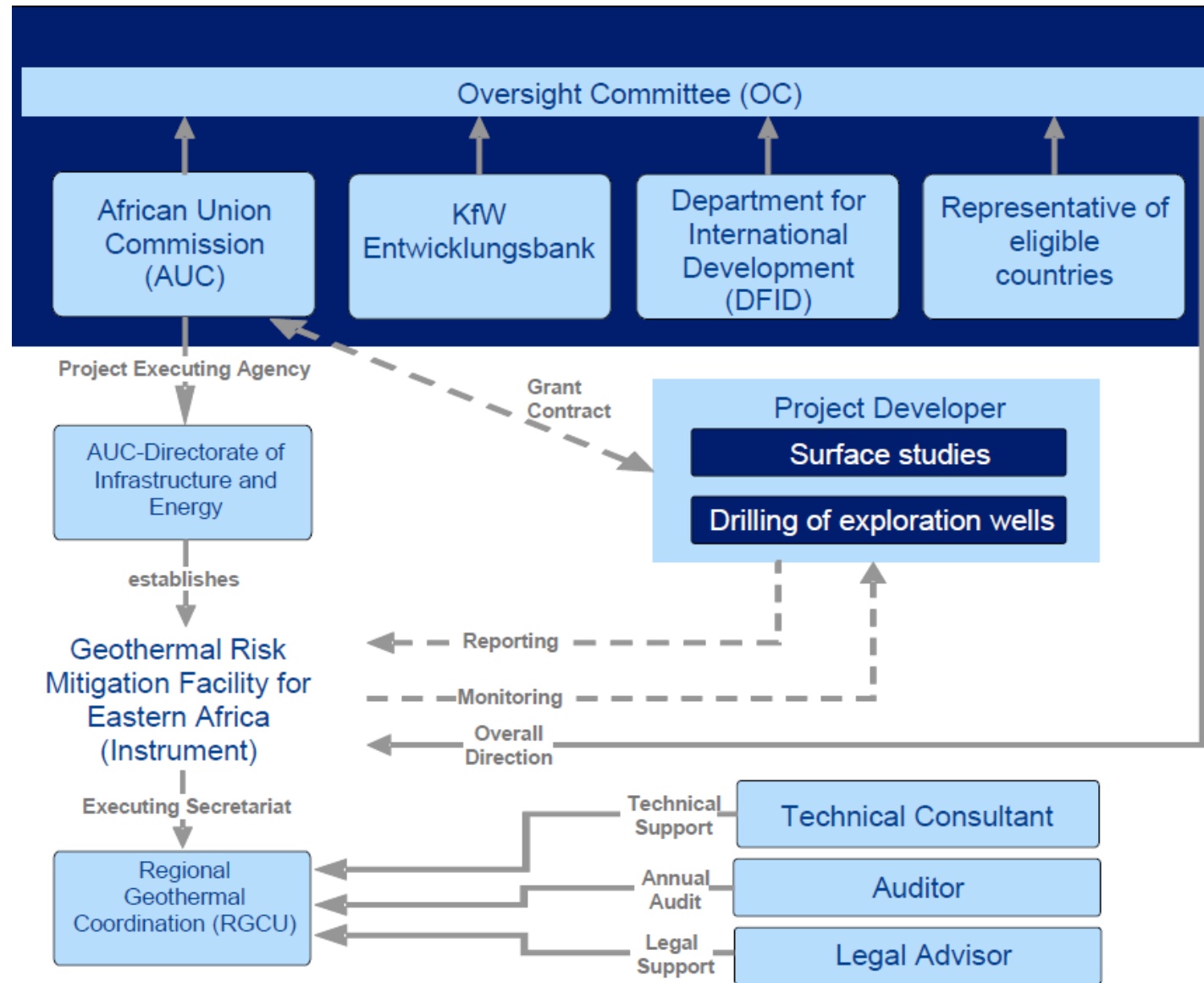


**Competitive, transparent, rigorous  
two-stage evaluation process**





# 4 ORGANIZATIONAL STRUCTURE



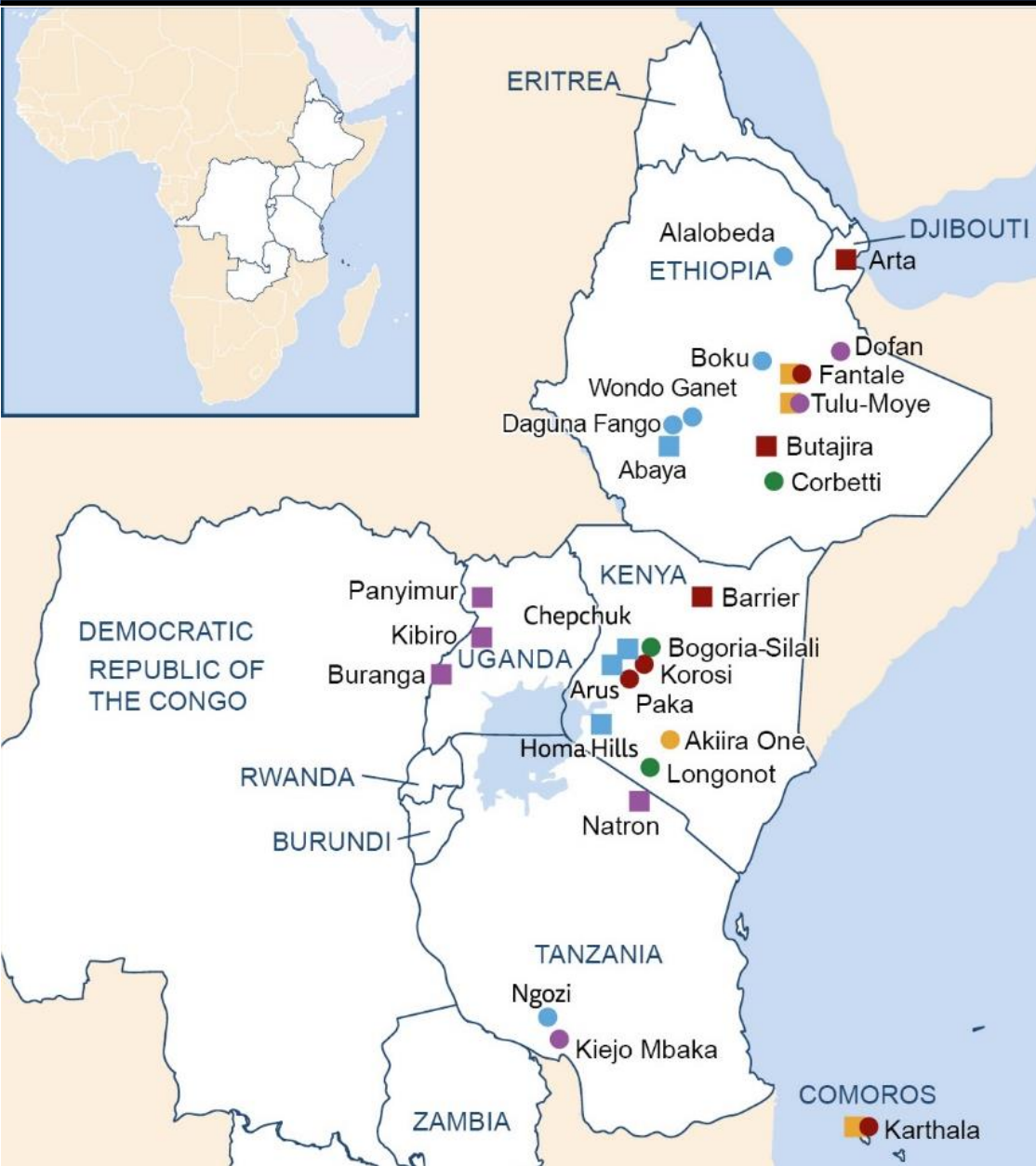
# 4 APPLICATION ROUNDS 1 - 5



- Projects supported by GRMF: **30 projects**
- Total grants awarded: **USD 125.9 Million**
- Estimated investment volume: **USD 9.2 billion**
- Estimated installed capacity: **2,800 MW**

<b>Application Round</b>	<b>Duration</b> (kick-off – deadline for full application)	<b>Funded Projects (DP/SS)</b>
AR 1	October 2012 – April 2013	(3/0)
AR 2	October 2013 - September 2014	(1/3)
AR 3	October 2014 - July 2015	(4/3)
AR 4	June 2016 – January 2017	(5/4)
AR 5	October 2017 – June 2018	(3/4)
AR 6	May 2021 – January 2021	To be published in June 2021
<b>Total</b>		<b>(16/14)</b>

# 5 APPLICATION ROUNDS 1 - 5



<b>1<sup>st</sup> Application Round</b>
<ul style="list-style-type: none"> <li>● Drilling Programmes</li> <li>■ Surface Studies</li> </ul>
<b>2<sup>nd</sup> Application Round</b>
<ul style="list-style-type: none"> <li>● Drilling Programmes</li> <li>■ Surface Studies</li> </ul>
<b>3<sup>rd</sup> Application Round</b>
<ul style="list-style-type: none"> <li>● Drilling Programmes</li> <li>■ Surface Studies</li> </ul>
<b>4<sup>th</sup> Application Round</b>
<ul style="list-style-type: none"> <li>● Drilling Programmes</li> <li>■ Surface Studies</li> </ul>
<b>5<sup>th</sup> Application Round</b>
<ul style="list-style-type: none"> <li>● Drilling Programmes</li> <li>■ Surface Studies</li> </ul>

Projects from:

- Djibouti
- Ethiopia
- Kenya
- Tanzania
- Comoros
- Uganda

16 Drilling Programmes

14 Surface Studies

# 6 QUESTIONS & ANSWERS

Thank you for your attention.

Please visit us on [www.grmf-eastafrika.org](http://www.grmf-eastafrika.org)

**Now is the time for your questions.**

Contact: [grmf@africa-union.org](mailto:grmf@africa-union.org)

