GEOTHERMAL EXPLORATION DRILLING ACTIVITIES UNDERGOING AND PROGRAM IN ETHIOPIA

GGDP Round table
November 19-20 Hague, Netherlands
2013
Being a green Power Hub in the Eastern Africa
Generation Expansion Plan
Increase the Generation capacity from 2,000 to 10,000 MW

• The generation development plan consists mainly of hydro projects. Generation from Geothermal power plants and Wind are foreseen to compliment the hydro.
Ethiopia Electricity Demand Forecast

![Graph showing electricity demand forecast with various sectors and years.](image-url)
Stacked Energy output from all Combination of Plants -2011-2019 (Dispatched)
## Generation Projects Planned to be Implemented after Year 2015

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Generation Capacity</th>
<th>Energy (GWh)</th>
<th>capacity (MW)</th>
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<tr>
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</table>
On going Geothermal Projects

- Aluto GPP Expansion Project (70 Mwe))
  Drilling of 4 appraisal wells

- Alalobad Geothermal Development Project
  (Detailed Exploration and construction of 25 MWe)

- Korbetti Geothermal Project, IPP based
  (1000 MWe)
Opportunities and Challenges

Opportunities

- Government close attention and support
- Support from Donors, Foreign and Local Financers, Support from Governmental and Non Governmental organizations
- Growing power demand in the country and in the neighboring countries
- Global demand to use the renewable and clean energy resource
Opportunities and Challenges

Challenges

- Not yet established proper organizational set up to execute geothermal projects
- Limited capacity in human resource and no clear HR development strategy
The way foreword

- Establish a convenient organizational setup to promote a sustainable geothermal development.
- Design a strategy of human resource development
Thank you for your attention!