



GEOHERMAL 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

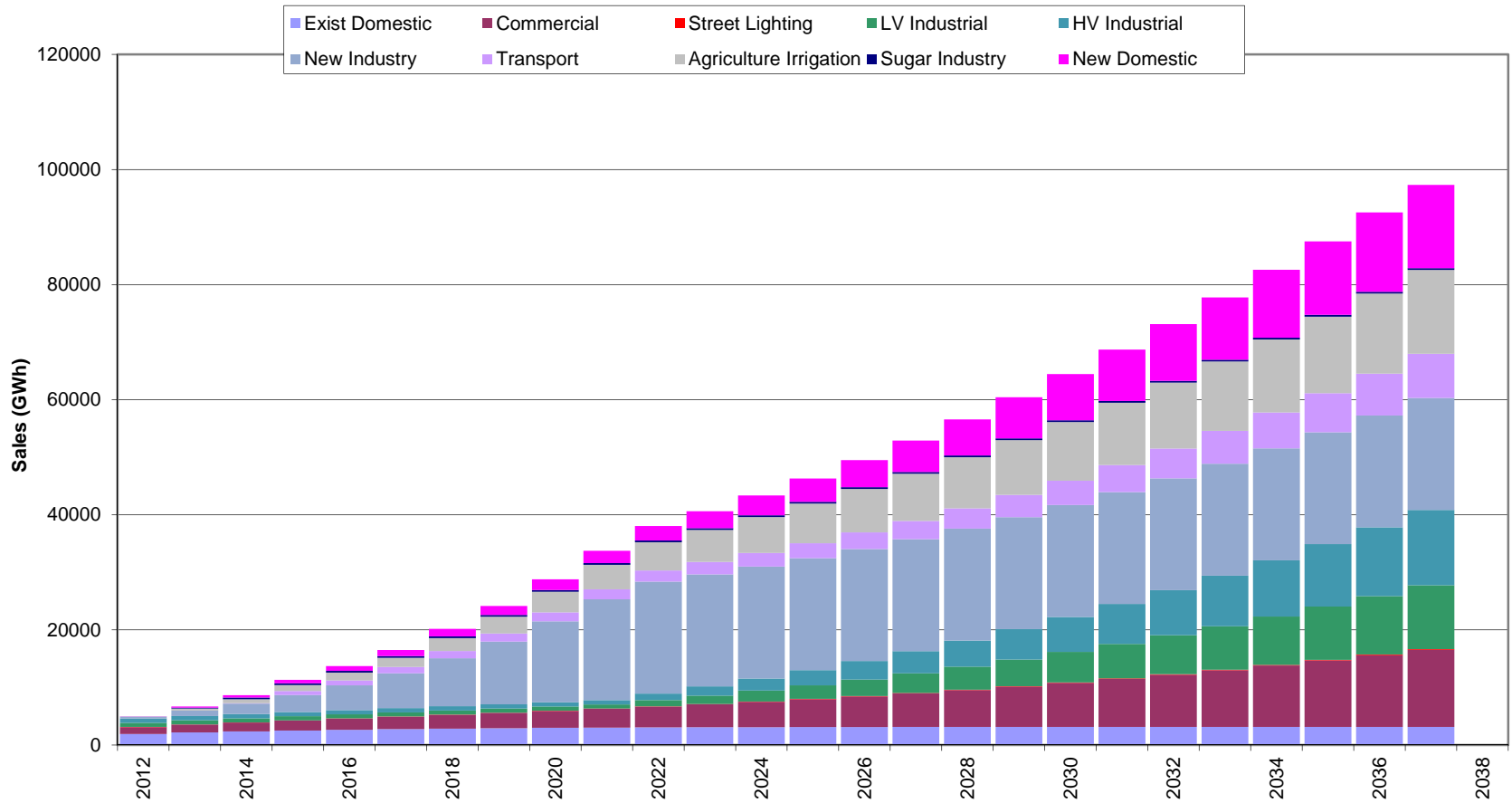
Generation Expansion Plan

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.

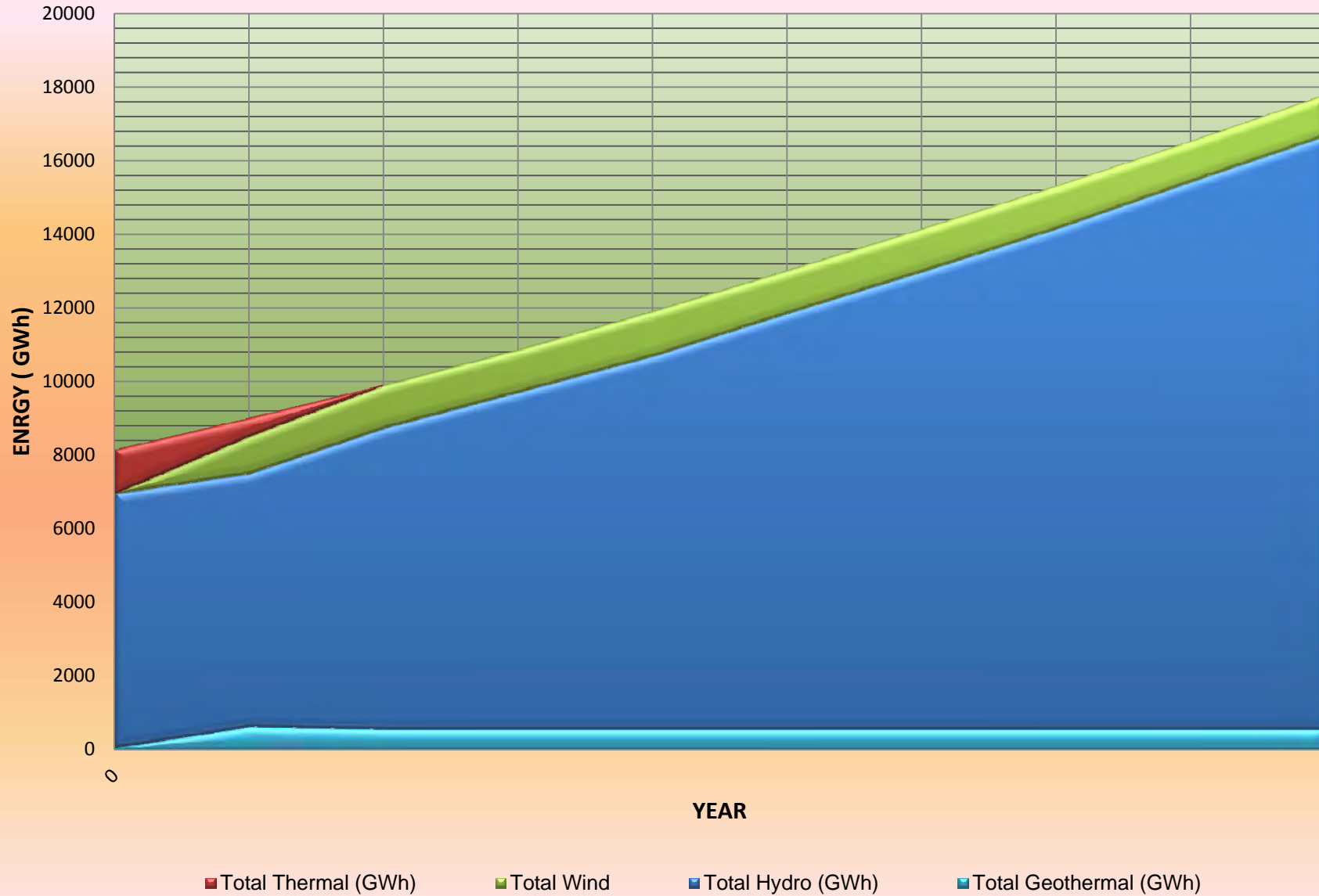


Ethiopia Electricity Demand Forecast





Stacked Energy output from all Combination of Plants -2011-2019 (Dispatched)





Generation Projects Planned to be Implemented after Year 2015

No.	Name	Generation Capacity	
		Energy (GWh)	capacity (MW)
2	Geothermal Plants	2,628	1375
2.1	Tendaho	701	100
2.2	Corbetti	526	75
2.3	Abaya	701	100
2.4	Tulu Moya	280	40
2.5	Dofan	420	60
3	Wind Power	12000	6720
4	West Energy	3223	460



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!