

Global Geothermal Development Plan (GGDP) Roundtable

November 19–20, 2013

The Hague, Netherlands

T u e s d a y , N o v e m b e r 1 9 , 2 0 1 3		
8:00 am – 9:00 am	Registration	
9:00 am – 9:10 am	Opening by Jacob Waslander, Head Climate and Energy Division, MINISTRY OF FOREIGN AFFAIRS OF THE NETHERLANDS, Climate, Energy, Environment and Water Department, Climate and Energy Division (DME/KE)	
9:10 am – 9:25 am	Presentation of the Global Geothermal Development Plan (GGDP)	Pierre Audinet, Senior Energy Economist, World Bank Group
DESIGN AND SUPERVISION OF A SUCCESSFUL DRILLING PROGRAM Moderated by Pierre Audinet, Senior Energy Economist, World Bank Group		
9:25 am – 9:40 am	Success of Geothermal Wells: A Global Study	Patrick Alexander Avato, Lead for Climate Business in Europe & Central Asia, World Bank Group (WBG)
9:40 am – 9:55 am	Design and Supervision of a successful drilling program	Horst Kreuter, CEO GeoThermal Engineering GmbH
9:55 – 10:10 am	Integrated Drilling Contracts	Vilhjalmur Guðmundsson, CEO, ENORCA
10:10 – 10:25 am	Questions & Answers	
10:25 am – 10:45 am	Networking Break	
GEOHERMAL EXPLORATION DRILLING ACTIVITIES (UNDERGOING & PROGRAMMED) – AFRICA Moderated by Raihan Elahi, Senior Energy Specialist, World Bank Group		
10:45 am – 11:00 am	Djibouti	Djama Guelleh, Managing Director, Electricité de Djibouti (EDD)
11:00 am – 11:15 am	Kenya	Timothy Mulaha, Principal Superintending Geologist, Ministry of Energy and Petroleum
11:15 am – 11:30 am	Ethiopia	Mulugeta Asaye, Geothermal Projects Manager, Ethiopian Electric Power Cooperation (EEPCO) Raihan Elahi, Sr. Energy Specialist, World Bank Group
11:30 am – 11:45 am	Tanzania	Edward Leonard Ishengoma, Assistant Commissioner for Renewable Energy, Ministry of Energy and Minerals Horst Kreuter, CEO GeoThermal Engineering GmbH
11:45 pm – 12:45 pm	Donors roundtable on engagement in Africa	Arnaud Desmarchelier, Sr. Engineer, Agence Française de Développement Martin Schubert, Kreditanstalt fuer Wiederaufbau (KfW) Engilbert Guðmundsson, Icelandic International Development Agency (ICEIDA), Norbert Ochmann, Federal Institute for Geosciences and Natural Resources, “GEOHERM - Programme”
12:45 pm – 2.15 pm	Lunch Break	
GEOHERMAL EXPLORATION DRILLING ACTIVITIES (UNDERGOING & PROGRAMMED) – ASIA & EUROPE Moderated by Engilbert Guðmundsson, Director General, ICEIDA		

2:15 pm – 2:30 pm	Turkey	Mucahit Ozdemir, Vice President, Turkish Petroleum International CO.LTD. (TPIC)
2:30 pm – 2:45 pm	Indonesia	Narendra Widjanto, Finance Director, Pertamina Geothermal Energy (PGE)
2:45 pm – 3:00 pm	Geothermal Capacity Building Program Indonesia-Netherlands	Freek van der Meer, Prof. University of Twente
3:00 pm – 3:25 pm	Donors roundtable on engagement in Europe & Asia	Adonai Herrera-Martínez, European Bank for Reconstruction and Development (EBRD) Patrick Alexander Avato, WBG Yohana Kho, Asian Development Bank (ADB) Shinji Yamamoto, WBG
3:25 pm – 4:00 pm	Questions, Discussion and Wrap up Moderated by Pierre Audinet, Senior Energy Economist, World Bank Group	
4:00 pm – 5:30 pm	R e c e p t i o n	

November 20, 2013 The Hague, Netherlands

W e d n e s d a y , N o v e m b e r 2 0 , 2 0 1 3		
8:00 am – 9:00 am	R e g i s t r a t i o n	
9:00 am – 9:05 am	Opening by Frank Van der Vleuten, Senior Policy Adviser Renewable Energy at Ministry of Foreign Affairs, Netherlands	
GEOTHERMAL EXPLORATION DRILLING ACTIVITIES (UNDERGOING & PROGRAMMED) – LATIN AMERICA AND CARIBBEAN Moderated by Arnaud Desmarchelier, Senior Engineer, Agence Française de Développement		
9:05 am - 9:20 am	Chile	Carlos Barría Quezada, Manager, Ministry of Energy
9:20 am – 9:35 am	Dominica	Lucien Blackmoore, Permanent Secretary, Ministry of Public Works, Energy and Ports
9:35 am – 9:50 am	Nicaragua	Mario González Barbosa, Director Geothermal Energy, Ministry of Energy and Mines
9:50 am - 10:05 am	Mexico	Magaly Flores Armenta, Deputy Manager Geoscience, CFE
10:05 – 10:25 am	Question and Answers	
10:25 am – 10:45 am	N e t w o r k i n g B r e a k	
10:45 am – 11:00 am	El Salvador	Herbert Mayorga, Drilling Area Coordinator, LaGeo
11:00 am - 11:15 am	Costa Rica	Eddy Sanchez Rivera, Director of Service Center for Geothermal Resources, Electricity Institute of Costa Rica (ICE)
11:15 am – 11:30 am	Saint Lucia	Judith Ephraim, Head of the Energy, Science and Technology Unit, Ministry of Sustainable Development
11:30 am – 12.15 pm	Donors roundtable on engagement in Latin America and the Caribbean	Migara Jayawardena WBG Jens Wirth, KfW Ramon Guzman Zapater, Inter-American Development Bank (IDB) Hannu Eerola, Nordic Development Fund (NDF)
12:15 pm – 1:45 pm	L u n c h B r e a k	

FINANCING OF GEOTHERMAL EXPLORATION AND RESERVOIR CONFIRMATION DRILLING Moderated by Migara Jayawardena, Senior Energy Specialist, World Bank Group		
1:45 pm – 2:00pm	Experience on Resource Risk Mitigation Efforts to Scale-Up Geothermal Development – A Comparative Analysis	Subir K. Sanyal, President and Manager of Reservoir Engineering Services, GeothermEx
2:00 pm – 2:15 pm	Financing Geothermal Risk	Martin Schubert, Project Manager, Energy Sector, East Africa, KfW
2:15 pm – 2:30 pm	Private Financing of Geothermal Development– IFC’s Global Experience	Shinji Yamamoto, Chief Investment Officer, WBG
2:30 pm – 2:45 pm	Financing of Geothermal Power Projects - Challenges and Suggested Solutions	Dung Ho, Managing Director, Head of Power for Asia Standard Chartered Bank
2:45 am – 3:30 am	Question and Answers	
3:30pm – 4:00 pm	Summary, Conclusions and Next Steps Moderated by Rohit Khanna, Manager, ESMAP	