

| Cover Page for Project/Program Approval Request | | | |
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| 1. Country/Region: | Ethiopia / Africa | 2. CIF Project ID#: | |
| 3. Source of Funding: | <input type="checkbox"/> FIP | <input type="checkbox"/> PPCR | <input checked="" type="checkbox"/> SREP |
| 4. Project/Program Title: | Geothermal Sector Development Project (GSDP) | | |
| 5. Type of CIF Investment: | <input checked="" type="checkbox"/> Public | <input type="checkbox"/> Private | <input type="checkbox"/> Mixed |
| 6. Funding Request in million US\$ equivalent: | Grant: US\$ 24.5 million | Non-Grant: n/a | |
| 7. Implementing MDB(s): | World Bank | | |
| 8. National Implementing Agency: | Ethiopian Electric Power (EEP) | | |
| 9. MDB Focal Point and Project/Program Task Team Leader (TTL): | Headquarters- Focal Point: Gevorg Sargsyan (SREP Program Manager, World Bank) | | TTL: Raihan Elahi (Sr Energy Specialist, World Bank) |
| 10. Project/Program Description (including objectives and expected outcomes): | | | |
| See PAD pages 11-13, 37-44, and 105-107 (SREP Annex, "Project Description") | | | |
| 11. Consistency with SREP Investment Criteria: | | | |
| See PAD pages 107- 111 (SREP Annex, "Assessment of Proposed Project with SREP Investment Criteria") | | | |
| 12. Stakeholder engagement: | | | |
| See PAD page 72 (see <i>Public Consultation with key stakeholders</i>) | | | |
| 13. Gender considerations: | | | |
| See PAD pages 25 (see <i>Gender informed status of the project</i>), and 110. | | | |
| 14. Indicators and Targets (consistent with results framework): | | | |
| Core Indicator | | Target | |
| Annual electricity output from RE as a result of SREP interventions (GWh/yr) | | 552 | |
| Number of business and community services benefiting from improved access to electricity and fuels as a result of SREP interventions | | 1.1 million people ¹ | |
| Increased public and private investments in targeted subsectors as a result of SREP interventions (US\$ million) | | 301.5 | |
| Avoided Greenhouse Gas Emissions | | | |
| <ul style="list-style-type: none"> - Tons per year (tCo2e/yr) - Tones over 20 year lifetime (tCO2e/yr) | | 438,122 8,762,440 | |
| Development Indicator(s): | | | |

¹ See explanation about methodology and assumptions on page 107

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| <ul style="list-style-type: none"> - Increased penetration of geothermal energy in Ethiopia's energy mix, therefore diversifying hydro-dominant energy mix for increased energy security; - Creation of employment opportunities (direct/indirect) derived from geothermal drilling operation and power plant development; - Promotion of low-carbon development pathway, enhancing climate resilience and development of green economy; - Enhanced overall knowledge and experience in the geothermal development. | | |
| 15. Co-Financing: | | |
| | <i>Amount (in US\$ million):</i> | <i>Type of contribution:</i> |
| • Government | 12.0 | |
| • MDB (IDA) | 176.0 | IDA credit |
| • Private Sector (please specify) | 0.0 | |
| • Bilateral (please specify) | 113.5 | Government of Iceland (US\$3.5 grant), Government of Japan (US\$110.0 loan) |
| • Others | 0.0 | |
| Co-Financing Total: | | 301.5 |
| 16. Expected Board/MDB Management approval date: | | |
| World Bank board approval scheduled for May 2014 | | |