

 Early Warning System

GCF-FP044

Tina River Hydropower Development Project



## Quick Facts

|                                |   |
|--------------------------------|---|
| <b>Countries</b>               | Solomon Islands   |
| <b>Financial Institutions</b>  | Green Climate Fund (GCF)  |
| <b>Status</b>                  | Approved  |
| <b>Bank Risk Rating</b>        | A   |
| <b>Voting Date</b>             | 2017-04-01  |
| <b>Borrower</b>                | Ministry of Finance and Treasury, Ministry of Mines, Energy and Rural Electrification |
| <b>Sectors</b>                 | Hydropower  |
| <b>Investment Type(s)</b>      | Grant, Loan   |
| <b>Investment Amount (USD)</b> | \$ 86.00 million  |
| <b>Loan Amount (USD)</b>       | \$ 70.00 million  |
| <b>Grant Amount (USD)</b>      | \$ 16.00 million  |
| <b>Project Cost (USD)</b>      | \$ 234.00 million   |



## Project Description

According to GCF website, the project is a hydropower facility aims to transit power system in Solomon Islands from diesel generated to clean and renewable energy. Universal grid-connected electricity supply is a major challenge across the 90 Solomon Island's inhabited islands. The electrification rate is only around 45%, and many rural areas served by small PV panels, whilst the state-owned power utility SIEA is almost entirely dependent upon diesel generators for supply to the capital. The Solomon Islands seeks to greatly increase access to reliable electricity supply, doubling the number of households supplied by SIEA by 2021, whilst also increasing the use of renewable energy to 50% by 2020.

The Tina River Hydropower Development Project (TRHDP) will respond to these goals with a 15MW installation providing 65% of electricity demand for the capital Honiara by the online date of 2022. It will lower the cost of electricity supply, and diversify generation capacity towards clean, renewable sources. TRHDP will provide the Solomon Islands with reservoir capacity, giving flexibility to the power system to enable higher penetration of PV power without the need for large and expensive energy storage or diesel generators. It can provide a replicable model for other Pacific SIDS to use hydropower to balance variable solar power.



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**Investment Description**

- Green Climate Fund (GCF)



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### Private Actors Description

Korean Water Resources Corporation (K-Water) is a state-owned company.



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| Private Actor 1 | Private Actor 1 Role | Private Actor 1 Sector | Relation | Private Actor 2                              | Private Actor 2 Role | Private Actor 2 Sector |
|-----------------|----------------------|------------------------|----------|--|----------------------|------------------------|
| -               | -                    | -                      | -        | Hyundai Engineering Company, Ltd (HEC)       | Contractor           | -                      |
| -               | -                    | -                      | -        | Korean Water Resources Corporation (K-Water) | Client               | -                      |

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## Contact Information

Takafumi Kadono, Senior Energy Specialist

World Bank

Email Address: [tkadono@worldbank.org](mailto:tkadono@worldbank.org)

Erik Johnson, Senior Social Development Specialist

World Bank

Email Address: [ejohnson1@worldbank.org](mailto:ejohnson1@worldbank.org)

Mr. Weijen Leow

International Bank for Reconstruction and Development and International Development Association (World Bank)

Telephone No.: +1 202 473 4065

Email Address: [wleow@worldbank.org](mailto:wleow@worldbank.org)

## ACCESS TO INFORMATION

Requests for project information may be submitted using the IDP Request for Information by email to: [disclosure@gcfund.org](mailto:disclosure@gcfund.org).

You can also submit an information request using this online form: <https://www.greenclimate.fund/about/disclosure/form>.

Additionally, if information requested is denied, an appeal can be filed to the Information Appeals Panel: [iap@gcfund.org](mailto:iap@gcfund.org). You can learn more about the Information Appeals Panel at: <https://www.greenclimate.fund/about/disclosure/appeals>.

## ACCOUNTABILITY MECHANISM OF GREEN CLIMATE FUND

The Independent Redress Mechanism (IRM) addresses complaints by people who believe they are negatively affected or may be affected by projects or programmes funded by the Green Climate Fund (GCF). The complainant can raise issues related to any of GCF's policies and procedures, including those relating to social and environmental issues, indigenous peoples, gender, and information disclosure, among others. If you submit a complaint to the IRM, it may seek to address the issues raised by facilitating [problem solving or conducting a compliance process](#). You can learn more about the Independent Redress Mechanism and how to file a complaint at <https://irm.greenclimate.fund/>.

You can access a video about the IRM (English) at: <https://youtu.be/1LanbriVhfs>.

A brochure about the IRM can be accessed in English, French, Spanish, Portuguese, Arabic, Mandarin, Mongolian, Vietnamese, Russian, Ukrainian, Korean, German, and Kiswahili at: <https://irm.greenclimate.fund/>.



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## Bank Documents

- [ESS report](#) [Original Source]
- [Funding proposal](#) [Original Source]
- [Gender action plan](#) [Original Source]
- [Gender assessment](#) [Original Source]
- [Government of the Solomon Islands: Tina River Hydro Development Project](#)





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**Other Related Projects**

- ADB-50240-002 Tina River Hydropower Project
- WB-P161319 Tina River Hydropower Development Project
- ADB-50240-001 Tina River Hydropower Project
- MIGA-12943 Tina Hydropower Limited
- WB-P172294 Tina River Hydropower Development Project Additional Financing