

## Maldives specific energy storage applications

The Project involves the development of 36 MW solar power project and 50 MWh of battery energy storage solutions across various selected islands in the Maldives. The Project also involves grid modernization for the integration of variable renewable energy with the grid, which will be financed under the proposed AIIB loan. The Project comprises of the following components:

Project activities are not expected to result in involuntary resettlement as land/space needed will either involve existing government property or will be procured through lease agreements. The WB's assessment finds that there is no evidence suggesting the presence of Indigenous Peoples in the Maldives, therefore the project will not have an impact on Indigenous Peoples.

Environmental risks associated with the solar energy generation system investments include future decommissioning of the solar energy systems at the end of their lifetime, and the grid upgrade works. However, these are expected to be localized in nature and arise only during construction with localized impacts such as dust/noise pollution and waste generation, as well as issues related to worker health and safety. There is also the need to manage any toxic wastes from the use of batteries during the operational stage of the project.

The Asian Infrastructure Investment Bank (AIIB) is a multilateral development bank whose mission is Financing Infrastructure for Tomorrow in Asia and beyond--infrastructure with sustainability at its core. We began operations in Beijing in 2016 and have since grown to 110 approved members worldwide. We are capitalized at USD100 billion and AAA-rated by the major international credit rating agencies. Collaborating with partners, AIIB meets clients' needs by unlocking new capital and investing in infrastructure that is green, technology-enabled and promotes regional connectivity.

Lot two (13.5 MW/17-MWh BESS installation)8. L. Fonadhoo9. L. Gan10. L. Isdhoo/Kalaidhoo/Dhanbidhoo11. L. Maabaidhoo12. L. Maamendhoo13. L. Kunahandhoo14. L. Hithadhoo15. L. Maavah16. Lh. Naifaru17. GA. Villingili18. Sh. Funadhoo



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