| Cover Page for Project/Program Approval Request  |   |  |                 |             |         |  |  |  |
|--|---|--|-----------------|-------------|---------|--|--|--|
| 1.   | Country/Region:   | Maldives / Asia  | 2. <b>CIF P</b> | roject ID#: |         |  |  |  |
| 3.   | Source of Funding:  | □ FIP  | □ PPCR          |             | SREP    |  |  |  |
| 4.   | Project/Program Title:  | Accelerating Sustainable Private Investments in Renewable<br>Energy (ASPIRE) Program |                 |             |         |  |  |  |
| 5.   | <b>Type of CIF Investment:</b>  | Public   | □ Private       | 0           | □ Mixed |  |  |  |
| 6.   | Funding Request in million USD equivalent:  | Grant: 11.684 millio   | on              | Non-Grant.  | · n/a   |  |  |  |
| 7.   | Implementing MDB(s):  | World Bank   |                 |             |         |  |  |  |
| 8.   | National Implementing<br>Agency:  | Ministry of Energy and Environment (MEE)   |                 |             |         |  |  |  |
| 9.   | MDB Focal Point and<br>Project/Program Task<br>Team Leader (TTL):   | Headquarters- Foca<br>Gevorg Sargsyan (S<br>Program Manager, V<br>Bank)              | REP<br>World    | Office, Wor | ,       |  |  |  |
| 10. <b>Project/Program Description</b> (including objectives and expected outcomes):   |   |  |                 |             |         |  |  |  |
| See PAD pages 8-13, 28-33, and 95-97 (SREP Annex, "Project Description")   |   |  |                 |             |         |  |  |  |
| 11. Consistency with SREP Investment Criteria:           See PAD pages 97-103 (SREP Annex, "Assessment of Proposed Project with SREP Investment Criteria") |   |  |                 |             |         |  |  |  |
| 12. Stakeholder engagement:  |   |  |                 |             |         |  |  |  |
| See PAD pages 101 (see <i>market sounding</i> ), and 68 (Market Sounding Note)   |   |  |                 |             |         |  |  |  |
|  | Gender considerations:  |  |                 |             |         |  |  |  |
| See PAD pages 23 (paragraph 101), and 100.   |   |  |                 |             |         |  |  |  |
|  | Indicators and Targets (co  | onsistent with results   | framework       | <u> </u>    |         |  |  |  |
| Core Indicator Target  |   |  |                 |             |         |  |  |  |
| Annual electricity output from RE as a result of SREP interventions32.61(GWh/yr)32.61  |   |  |                 |             |         |  |  |  |
|  | Number of business and community services benefiting from improved 38,605 people  |  |                 |             |         |  |  |  |
| Inc  | access to electricity and fuels as a result of SREP interventionsIncreased public and private investments in targeted subsectors as a50 |  |                 |             |         |  |  |  |
| res  | result of SREP interventions (\$ million)   |  |                 |             |         |  |  |  |

<sup>&</sup>lt;sup>1</sup> The main objective of the ASPIRE program is to increase renewable energy generation in the Maldives, whose residents already have full access to electricity. While ASPIRE will not increase the number of households connected to the Maldivian electricity networks, it will contribute to improving access by enhancing the reliability and power quality of these systems. Solar PV generation will help in meeting the daytime loads and allow consumers to access reliable and quality electricity. In outer islands and new settlements such as Hulhumale, where demand is rapidly increasing without much increase in supply, ASPIRE's effect on improving access to reliable electricity will be even more pronounced.

| <ul> <li>Tons per year (tCo2e/yr)</li> <li>Tones over 20 year lifetime (tCO2e/yr)</li> </ul>   |                        |               | 25,883<br>517,667      |  |  |
|--|------------------------|---------------|------------------------|--|--|
| Development Indicator(s):  |                        |               |                        |  |  |
| <ul> <li>Annual savings from reduced imports of diesel equivalent<br/>to 11,413 kL upon completion of the program and between<br/>19,974 kL and 28,534 kL in the transformational phase</li> <li>Improved reliability and quality of power resulting from<br/>integration of distributed solar PV capacity into existing<br/>systems in Greater Male Region and smaller islands.</li> <li>Enhanced operational and institutional capacity of relevant<br/>stakeholders, including project management unit at GoM<br/>and utilities.</li> <li>Reduced electricity prices to consumers resulting from less<br/>expensive power generation from solar renewable energy<br/>sources.</li> <li>Improved operational performance of Maldivian utilities<br/>and electricity service providers through cost reduction in<br/>fuel and other costs associated with fossil fuel-based<br/>generation such as repair, maintenance, and replacement of<br/>parts.</li> <li>Health and environmental co-benefits from avoided local<br/>pollution, development of local solar PV sector, increased<br/>employment, improved energy security, and positive</li> </ul> |                        |               |                        |  |  |
| 5. Co-Financing:   | Amount (in USD million | n).           | Type of contribution:  |  |  |
| • Government   |                        | $\frac{n}{0}$ |                        |  |  |
| • MDB (IDA)  |                        | 16            | IDA guarantee coverage |  |  |
| • Private Sector (please specify)  |                        | 34            |                        |  |  |
| Bilateral (please specify)   |                        | 0             |                        |  |  |
| • Others   |                        | 0             |                        |  |  |
| Co-Financing Total:  |                        |               |                        |  |  |
| 6. Expected Board/MDB Management app   | proval date:           |               |                        |  |  |