

Swiss Confederation

Federal Department of Economic Affairs, Education and Research EAER

State Secretariat for Economic Affairs SECO Economic Cooperation and Development Infrastructure Financing

> SREP Private Sector Set-Aside Mali Segou Solar Power Project 31 October 2016

Questions and Comments

1. Technical:

- a. (Q) There is some confusion about the length of the planned 33 kV powerline in the project. Is it 2.0 or 2.8 km?
- b. (Q) To what extent are the to-be-connected substation and the EDM grid prepared for receiving 33 MW (capacity)/52 GWh (annual output) of (intermittent solar generated power?
- c. (Q) What are the storage solutions and capacities foreseen to address the intermittent character of power supply from this solar PV plant?
- 2. (Q) The project is qualified as the "first utility-scaled on-grid solar PV IPP in Mali", which is a significant part of justifying the SREP contribution. Yet 3 other solar PV plants (Kita, Koutalia and Sikasso) with 50 MW installed capacity each are mentioned to be "under development". Also, in the endorsed SREP IP for Mali, yet another solar PV IPP was included. Please explain the order of precedence of these projects and the logic of promoting this one among all with a SREP contribution of up to USD 25 million.
- 3. (Q) What are the status and progress made so far with the SREP co-financed PAPERM (Promoting the Scaling-Up of renewable Energy in Mali) assistance project approved in October 2014? To what extent will this mitigate the policy and regulatory risks of the Segou Solar PV project?
- 4. Economic and financial calculus:
 - a. (Q) What is the economic NPV of the project and what are the stakes of the various stakeholders? How was this derived from the expected benefits?
 - b. (Q) What is the financial NPV to the developers and how was this calculated?
- 5. Loan conditions:
 - a. (Q) What are the interest rates and conditions of the two MDB loans (AfDB and ICF)?
 - b. (Q) What is the seniority among the three loans (AfDB, IFC and SREP)?
 - c. (Q) It is mentioned that the AfDB loan should be approved by the Board during October 2016? Is/was this possible without the previous approval of the SREP contribution (concessional loan)? If not, when should the decision now be scheduled for AfDB board approval?
 - d. (Q) What about the approval procedures for the IFC loan and the IFC Infraventures equity contribution?
- 6. Expected results:
 - a. (C) Please provide the results framework of the project.
 - b. (Q) To what energy mix does the marginal emission factor of 0.5433 tCO2/MWh correspond? What is the logic behind this mix/factor?
- 7. (Q) Who handled or is handling the transaction advisory services to the GoM and EDM for this project?
- 8. (C) Regarding point 4.20 (p.14), we are of the opinion that any unutilized portion of the SREP contributions should be restituted to the Trustee and not considered for further decrease of the tariff payable by EDM, as the latter is already fixed in the PPA and part of the conditions that define the project results.