

## Public Information Summary

<b>Host Country</b>	Chad
<b>Name of Borrower</b>	FinLux ELLEN Sàrl
<b>Name of Project Company</b>	Alternaprod Tchad SAS
<b>Project Description</b>	Distribution and maintenance of solar home kits and appliances for an off-grid electrification business in Chad.
<b>Proposed OPIC Loan/Guaranty</b>	\$10,000,000
<b>Total Project Costs</b>	\$15,385,000
<b>U.S. Sponsor</b>	Bren-Tronics, Inc. Sai Fung Renewable Energy Investment
<b>Foreign Sponsor</b>	Agence d'Investissements des ENR Mr. Vincent Monteux Sustainable Energy for Africa
<b>Policy Review</b>	
<b>U.S. Economic Impact</b>	The Project is not expected to have a negative impact on the U.S. economy. U.S. procurement associated with the Project is expected to have a positive impact on U.S. employment. With this U.S. procurement, the Project is expected to have a positive impact on the U.S. trade balance.
<b>Developmental Effects</b>	This Project is expected to have a highly developmental impact in Chad through the purchase and rental of off-grid solar energy systems and appliances, of which the Project Company will retain ownership and service as part of customer contracts. Only about nine percent of Chad has access to electricity, one of the lowest rates in the world, creating a situation of great potential for off-grid solutions in the country. The clients of this Project will be businesses, schools, clinics and individuals that lack access to electricity. This Project will support OPIC's 2X initiative as half of the workforce is comprised of women employees. In addition, the Project will help Chad achieve UN Sustainable Development Goals #7 (Affordable and Clean Energy) and #8 (Decent Work and Economic Growth).
<b>Environment</b>	<b>SCREENING:</b> This Project has been reviewed against OPIC's categorical prohibitions and determined to be categorically eligible. Small-scale renewable power and appliance rental projects are screened as Category B under OPIC's environmental and social guidelines because impacts are site specific and readily mitigated. The major environmental and social issues associated with the Project include implementing occupational health and

safety policies and appropriate waste management (disposal of batteries and panels at the end of their useful life).

**APPLICABLE STANDARDS:** OPIC's environmental and social due diligence indicates that the Project will have impacts that must be managed in a manner consistent with the following Performance Standards:

PS 1: Assessment and Management of Environmental and Social Risks and Impacts;

PS 2: Labor and Working Conditions;

PS 3: Resource Efficiency and Pollution Prevention; and

PS 4: Community Health, Safety and Security.

Because the Project will distribute and install solar systems on existing rooftops and will not involve any construction, the Project is not expected to adversely impact any sensitive ecosystems or habitat. Therefore, PS 6 is not triggered at this time.

In accordance with PS 3, the International Finance Corporation (IFC) Environmental, Health, and Safety General Guidelines (2007) are applicable to this Project.

**Environmental and Social Risks and Mitigation:** The Project involves self-installation of solar systems on existing rooftops and rental of household appliances and therefore does not involve any construction. Environmental and social impacts are expected to be minimal and no environmental impact assessment is required. The Project has an already built warehouse that is a single-story 300 m<sup>2</sup> building and rents offices in Ndjamena. The Company's General Manager is responsible for overseeing the warehouse and environmental, health and safety aspects of the Company's processes and facilities. First aid kit and fire extinguishers are placed at the main warehouse in accordance with local regulation and workers are trained regarding safety aspects every six months. The Company will be required to develop formalized environmental and social policy, occupational health and safety policies and procedures and emergency preparedness and response policies and procedures commensurate to the risk and nature of the Project.

The Project has implemented a closed loop policy with respect to waste (end of useful life) by recycling, local refurbishment and re-use of components for assembling new products. The Borrower will be required to formalize its commitment to

	<p>responsible end-of-useful-life dismantling and disposal as a condition to OPIC disbursement.</p>
<p><b>Social Assessment</b></p>	<p>The Project will be required to operate in a manner consistent with the International Finance Corporation’s Performance Standards, OPIC’s Environmental and Social Policy Statement and applicable local laws.</p> <p>OPIC’s statutorily required language concerning the rights of association, organization and collective bargaining, minimum age of employment, prohibition against the use of forced labor, will be supplemented with provisions regarding non-discrimination, hours of work, the timely payment of wages, and hazardous working conditions. Standard and supplemental contract language will be applied to all workers of the Project, including contracted workers.</p> <p>The Project has an administrative manual that outlines labor management practices commensurate with risks associated with installing solar kits and related small appliances; however, the Project will be required to revise the administrative manual to include provisions on child and forced labor and to include a worker grievance mechanism, consistent with IFC Performance Standard 2 prior to first disbursement.</p> <p>This review covers the commensurate human rights risks associated with roof-top solar projects in Chad.</p>