

## Project Progress Update Report

GEF ID: 120119

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Project Strategy*	KPIs/Indicators*	Target level*	Progress to-date (FY 2018)
<b>Component 1 - Human and institutional capacity building</b>			
<b>Outcome 1: Improved awareness, knowledge and capacity on SHP technology</b>			
<b>Output 1.1:</b> Capacity of SHP technology centre in Nigeria strengthened	Trained personnel (men and women) manning the SHP technology centre for more effective technical support on SHP project development and implementation in Nigeria.	Increase in number of competent personnel (men and women) in SHP technology at the end of the project	<ul style="list-style-type: none"> <li>State of the art SHP equipment purchased for the RC. Engineers, scientists and personnel working on hydro power related energy sector need to be trained on the use of the equipment. Aide memoire has been prepared for the training (2015 - 2017)</li> </ul>
<b>Output 1.2:</b> Capacity building of at least 100 policy makers	Number of trained personnel (men and women) from relevant Government institutions responsible for policy making.	Train at least 100 policy makers (men and women) on SHP development.	<ul style="list-style-type: none"> <li>Developed aide memoire for capacity building</li> </ul>
<b>Output 1.3:</b> Capacity building of at least 50 project developers, relevant RE institutions including financial institutions	Number of personnel (men and women) trained from project development and financial sector.	At least 50 personnel (men and women) trained.	<ul style="list-style-type: none"> <li>Developed aide memoire for capacity building</li> </ul>
<b>Component 2 - Upgrading the capacity for local fabrication of SHP turbines and control systems in Nigeria</b>			
<b>Outcome 2: Capabilities for locally fabricated SHP turbines and control equipment up to 300 kW capacity are available in the country</b>			
<b>Output 2.1:</b> Enhanced local fabrication capacity for micro hydro turbines and control equipment from 125 to 300 kW	Capacity of fabricated turbine increased from 125 to 300 kW.	Increased capacity of the locally fabricated micro hydro turbine from 125 to 300 kW.	<ul style="list-style-type: none"> <li>Identified local technicians/entrepreneurs for training on electro-mechanical equipment fabrication</li> </ul>

<b>Project Strategy*</b>	<b>KPIs/Indicators*</b>	<b>Target level*</b>	<b>Progress to-date (FY 2018)</b>
<b>Output 2.2:</b> National standards developed for SHP electromechanical equipment in Nigeria	Standard Organization Certificate (SON) Certificate.	Standards accredited by SON for SHP equipment fabricated should be in place at the end of the project	
<b>Component 3 - Promoting investments in SHP sector</b>			
<b>Outcome 3 – Conducive investment environment for scaling up of SHP projects available</b>			
<b>Output 3.1:</b> Incentive systems designed for SHP projects	Increase in private investors developing SHP plants.	Cumulative 3.1 MW SHP plants developed by private investors.	<ul style="list-style-type: none"> <li>• Contacts with Bank of Industry established, for incentives to private developers.</li> </ul>
<b>Output 3.2:</b> Detailed feasibility studies prepared for the replication SHP plants	Feasibility study and business plans for identified potential sites developed.	Potential sites should have business plan and feasibility report available for implementation at the end of the project.	<ul style="list-style-type: none"> <li>• Engagement with private investors who are interested in SHP development.</li> </ul>
<b>Output 3.3:</b> SHP plant of 3.1 MW cumulative capacity established	SHP plants with cumulative capacity of 3.1MW commissioned.	Cumulative of 3.1 MW SHP plants to be established	<ul style="list-style-type: none"> <li>• Construction of a site with complete plant design and verification (assessment of the design) has commenced.</li> <li>• The second demo site also ready for construction. Award of contract on-going.</li> </ul>
<b>Output 3.4:</b> Promotion of replication projects	SHP plants with cumulative capacity of 2.4 MW commissioned.	SHP plant with cumulative capacity of 2.4 MW developed during the project implementation.	<ul style="list-style-type: none"> <li>• Plant designs for demonstration sites completed.</li> </ul>