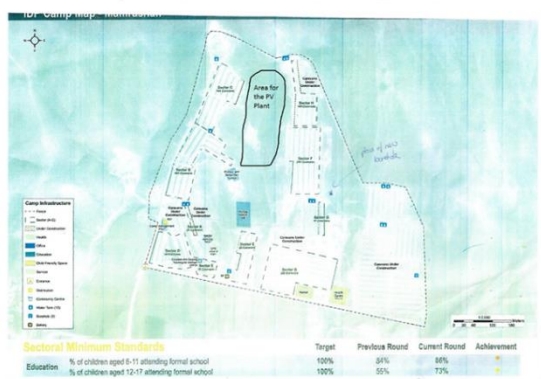


Key project information

GS6460 Gold Standard Project: Energy for Mam Rashan

The main focus of the project is to improve and stabilize the energy supply in the camp by introducing photovoltaic energy and thereby making everyday life more bearable in the camp Mam Rashan. The realization of the project will be supported by carbon funding for which a registration under the Gold Standard is in progress. Start of the project construction was end of May 2018.

At the moment the camp is only supplied with power from the public grid at night. In a first step, atmosfair will install a 300kWp-photovoltaic system with battery storage, which will cover 20% of the total energy demand. Hence, the renewable electricity is not only helping the residents on a daily basis but also protecting the climate by reducing the usage of fossil fuels. The photovoltaic technology is a reliable and sustainable energy source. The plan is to expand the capacity of the system constantly. On the long run, the goal is to ensure a hundred percent sustainable power supply.



The power supply of the Photovoltaic Plant improves the living conditions within the camp. As it enables cooling and heating of the containers, charging of cell phones and the connection of electronic devices such as TVs, computers or fridges.



Apart from improving the livelihood of the families, the project creates jobs and training opportunities that relate to the installation and configuration of the system as well as the maintenance of the plant. Furthermore, the energy consumption will be reduced by energy-saving measures and "awareness-training sessions" for the people living in the camp. For this purpose, two "energy-scouts" are trained, which will explain issues such as sustainability and environment protection measures to the households within the camp.