**Renewable Energy Experts**

All humanitarian actors have a shared responsibility and interest in creating energy efficient and sustainable operations. With the aim to reduce their carbon footprint, enhance environmental protection, and provide reliable, sustainable and cost-effective energy, in line with Goal 7 in the SDGs - “Ensure access to affordable, reliable, sustainable and modern energy for all by 2030”. Energy usage and energy access can have a direct impact on the vulnerability of affected communities and the quality of humanitarian action. Therefore, the energy agenda contributes towards enhancing self-reliance, education and protection.

Renewable Energy Experts are responsible for developing and implementing energy systems and initiatives for UN operations/agencies, as well as other partner sites. Renewable Energy Experts may either focus on one or more specific technical areas or play a coordination role – mainstreaming energy usage across operations/agencies.

The Renewable Energy Experts will primarily (not exclusively) be deployed by WFP, UNHCR, UNICEF and FAO, in both emergencies and complex protracted situations.

Examples of tasks and responsibilities (taken from an example TOR):

* *Responsible for the oversight, monitoring, coordination and quality control of all sustainable energy activities in coordination with partners, government, private sector.*
* *Ensure adequate operation, maintenance and reporting activities of energy systems.*
* *Assess, identify, and analyse cost effective and appropriate sources of alternative energy for cooking, lighting and electricity in collaboration with all actors.*
* *Work in close collaboration and emphasize the multi-sectoral links of Energy with Environment, Protection, Shelter and Settlement and Public Health and Water, Sanitation and Hygiene.*
* *Assist with the coordination with government, line ministries and NGO partners to implement a robust and appropriate renewable energy strategy.*
* *Ensure that minimum best practices are met to assure health and safety standards across all sustainable energy and energy efficient technologies.*
* *Monitoring, testing, trouble shooting, lessons learned, and providing solutions.*
* *Contribute to development of effective communication channels between all key stakeholders and promote the sharing of information on energy related activities.*

Required qualifications:

* Proven knowledge of sustainable energy and professional technical experience in set-up (installation), design and monitoring of energy programmes.
* Relevant educational background in relevant field e.g. Environmental Science, Renewable Energy, Engineering, Sustainability and Natural Resources Management.
* Previous United Nations work experience is considered a strong advantage.
* A minimum of 3 years’ specific experience working with the renewable energy agenda for humanitarian assistance.
* 2 years international humanitarian field experience with exposure to cross-sector programming for renewable energy.
* Knowledge and understanding of the complexities involved in refugee and IDP responses.
* Proficiency in one (preferably two) official UN languages. English is mandatory, while French is considered a strong advantage.