

## 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 be deployed by WFP, UNHCR, UNICEF, and FAO.

### Examples of tasks and responsibilities:

- 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.

