



Munuki SDA Compound  
P.O Box 247  
Juba, South Sudan



## JOB VACANCY

<b>Position</b>	<b>RENEWABLE ENERGY SPECIALIST</b>
<b>Qualification</b>	A university degree in Civil Engineering/Environmental Sciences/Agricultural Engineering/Electrical Engineering or Natural Resources Management or Renewable Energy Technologies.
<b>Experience:</b>	At least three years' experience in promotion and extension of new technology in general and Renewable Energy Technology in particular. Good understanding and proven expertise of planning and implementing capacity building initiatives around Renewable Energy. Ability to interpret civil engineering drawings in general and drawings of biodigesters in particular. Knowledge on construction and supervision and quality control construction and installing of biodigesters. Proven experiences in organizing and conducting technical and other training programs at the grass-roots level.  Working knowledge of English and knowledge of Arabic.
<b>Location</b>	This position will be based in Ulang/Nasir
<b>Supervisor</b>	Project Coordinator
<b>Closing date:</b>	<b>15<sup>th</sup> Mar 2022 at 5:00pm South Sudan time</b>

**Introduction:** The Adventist Development and Relief Agency (ADRA) is a global humanitarian organization of the Seventh Day Adventist Church whose Purpose is “**To serve humanity so all may live as God intended**”. ADRA South Sudan has been actively serving the communities of South Sudan for over 35 years. ADRA South Sudan’s thematic areas are health, education, food security and livelihood and emergency response.

**ADRA’s Motto:** *Justice. Compassion. Love*

**ADRA’s Values:** *Courageous. Compassionate. Connected*

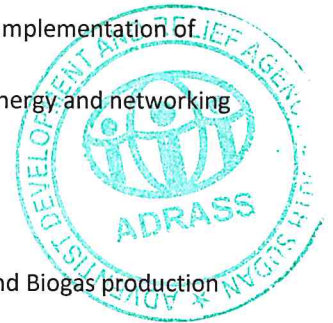
### Job Summary:

To work as the focal person for renewable energy innovations in the **Climate Resilient Agriculture & Renewable Energy Solutions for Sustainable Livelihood Development - CARE** project funded by the German Ministry for Economic Cooperation and Development (BMZ). The renewable energy component includes the construction of Biogas plants and solar equipment for water conveyance. The Biogas work forms the biggest component of the renewable energy work and the Biogas will be for energy production and organic fertilizer production using the "Biogas to Go" model. The Renewable Energy Specialist will work with all stakeholders to the project including the company supplying biogas equipment in Juba and Germany. He/she will work in consultation with other Technical Officers in the project and Officers from implementing partners (CHADO, Ulang Women Association, and Sobat Area Youth Association)

### Duties & Responsibilities:

## General

- Assist in formulating yearly, half yearly and monthly calendar of events related to Biodigester Construction, Standardization and Quality Assurance, R&D and Training and Capacity building of project staff and other stakeholders in the Payams and County.
- Ensure timely implementation of the planned activities and provide backstopping support to stakeholders at the County level for the two counties.
- Coordinate all biogas related activities in the counties and act as focal person for the implementation of planned activities at the County level.
- Represent the organization in local forums/meetings in issues related to renewable energy and networking with stakeholders.



### b. Training and Capacity Building

The Renewable Energy Specialist will take charge of all training related to renewable energy and Biogas production

- Training of project and partner staff on issues related to Biogas and solar energy
- The Renewable Energy Specialist will be responsible for training and mentoring Biogas Technicians in installation, usage & maintenance of the Biogas plants as well as provide back stopping to the Technicians.
- Establishment and training of Biogas microenterprises on basic Biogas production technology, installation, usage and maintenance of Biogas plants by microentrepreneurs.
- Training beneficiary households on innovative biogas energy business concept and use of biogas as clean cooking fuel (business model: sale of cow dung and purchase of biogas from the biogas production, and supply micro enterprises).
- Train partners and beneficiary households on innovative biogas energy business concept and use of biogas as clean cooking fuel.
- Train households on use of mobile Biogas backpacks and Biogas burners
- Training of Trainer of Trainers (TOTs) on the use of manure as organic fertilizer for vegetable production.
- Prepare guides/manuals for use by Biogas technicians in constructing bio-digesters and TOTs

### c. Promotion and Extension

- The Renewable Energy Specialist will identify importers/ national distributors/ wholesalers in Juba and network them with companies from Germany exporting innovative biogas plants/equipment
- Lead the networking of the established and trained biogas production technicians, supply micro enterprises with import companies and the target group
- In conjunction with the local partners, conduct awareness meetings and campaigns on the production, importance of biogas and usage. (compare cost of kerosene, gas against biogas to improve acceptability)
- Working with the community mobilisers, construct cost effective energy saving stoves

### d. Quality Assurance

- Prepare field visits schedules to supervise and monitor quality of construction works as well as after-sale-service provisions.
- Ensure that quality standards for training, construction of biodigesters, after-sale-services and guarantee provisions are complied with. Internalize quality control framework and mechanisms including methods of sampling of biodigesters, field investigation, data and information management as well as follow-up mechanisms.
- Check and ensure that materials, construction techniques and other service delivery provisions for the biodigester installations meet the set quality standards.
- Work with technicians to clearly explain them the construction procedures, methods, selection of good quality construction materials and to properly read the technical drawings of biodigesters.
- Develop quality control forms/tools to be filled in by the technicians during construction of the bio-digesters.
- Prepare field visit reports on progress and problems of construction supervision of biodigesters and submit it to the Project Coordinator.
- Support to update and maintain database on biodigester installation; and publish periodic reports on status of biodigesters.
- Conduct monitoring and supervision for all renewable energy interventions in the project



**Performance Indicators:**

- Meet at least 80% of project work plan indicators.
- Complete at least 80% of planned field activities.
- Ensure timely submission of data for monthly reports.
- Time management
- Team work.
- Interpersonal and communication skills

**Other Valued Criteria:**

- Willingness and flexibility to work in a team
- Social and cultural understanding.
- Computer literate with good working knowledge of word processing, Excel spreadsheets and email software programs.
- Fluent in spoken and written English required.
- Excellent written and verbal communication and interpersonal skills.
- Planning and organizing.
- Technical and analytical skills

**Instructions for applications:**

All application should be **submitted to HR Department at the ADRA Juba office located inside seventh day Adventist Church Compound. You may also submit your applications to [jobs@adrasouthsudan.org](mailto:jobs@adrasouthsudan.org)** Qualified female South Sudanese nationals are highly encouraged to apply.

**Note:**

1. A CV of 4 pages or less coupled with a one-page cover letter is will be required. Telephone contact details will be required.
2. Relevant **copies (NOT ORIGINALS)** of certificates and testimonials
3. Only Shortlisted candidates will be invited for interviews.
4. Due to the urgent need for this position to be occupied, we shall be reviewing applications coming in from time to time, and interviews will be conducted once we have received suitable candidates before the deadline of the advert.

**Safeguarding:** *ADRA South Sudan has a zero tolerance to Sexual Exploitation and Abuse of beneficiaries. Protection from Sexual Exploitation and Abuse (PSEA) is everyone's responsibility, and all staff are required to adhere to the Code of Conduct, that enshrines principles of PSEA, always (both during work hours and outside work hours). Familiarization with, and adherence to, Code of Conduct is an essential requirement of all staff, in addition to related mandatory training. All staff must ensure that they understand and act in accordance with this clause.*

