

IAEREP- TA2
Capacity Building for Renewable Energy and Energy Efficiency:
Feasibility Studies and Demonstration Projects in Zambia



*A project funded by
the European Union*

Date: 04/07/2018

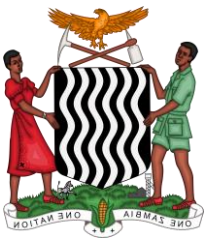
Trainee Assignment Sheet - Social Development in Rural Areas of Zambia

This document outlines the scope of work and key requirements for recruitment of a Trainee in accordance with the provisions of the main Terms of Reference (ToR), section “4.2.4. Youth development programme” of the above-referenced contract. The young professional shall be 22-30 years old at the time of beginning the traineeship and from an EU Member State or EU Candidate Country or from an ACP country and have a professional or academic qualification in social studies or is in the process of achieving it. The Trainee shall not replace the regular staff and shall work on specific well-defined tasks within the project, on the field.

Position	Traineeship on Social Development in Rural Areas of Zambia
Objective	This assignment seeks to develop skills in the Trainee in conducting demographic surveys and socio-economic surveys including documentation on water rights and of impacts on human settlements, preparation of socio-economic profile of women in the project locations including their economic, social and political status, their income opportunities and possible gender equality gaps.
Background and Scope of the work	<p>Under the EU funded Contract "Capacity Building for Renewable Energy and Energy Efficiency – Feasibility Studies and Demonstration Projects", NTU led Consortium is assisting the Rural Electrification Authority of Zambia to develop and implement Renewable Energy Demonstration projects serving rural off grid communities in the country. In order to support the diversification of renewable energy sources and to ensure that various renewable energy options are given due consideration, the Project will address non-hydro potential renewable energy projects. A Call for Proposals (CfP) will seek to provide grants to selected “Packages” to support the development or enhancement of privately operated off grid schemes, including solar, based on financial viability and social service criteria to be defined.</p> <p>The off-grid electricity demonstration projects are to be among the first projects to be developed within the improved regulatory framework, hence meant to provide lessons for further optimization of the framework, as well as reference cases for other renewable energy or energy efficiency projects not funded under the EU support.</p> <p>The “Packages” should have sufficient size to consider inclusion in the solicited part of the CfP. A remote town may offer scope for, for example, a 1-2 MW solar plant in a hybrid configuration with other RE and/or diesel backup. A rural village is much smaller (e.g. a Rural Growth Center - RGC); it may have a rural center with a school, building, some public offices and some productive uses of energy (e.g. small shops, maize milling) with potential for a micro-grid (15-50 kW), based on solar or other RE serving its center. However, rural Zambia is sparsely populated with most households tending to live in homesteads that are too far from each other to be economically connected in a mini-grid. Such households would need to be serviced by stand-alone (solar) solutions (SHS, pico-solar). A package is likely to cover a larger geographical area (at least a chiefdom or a ward, and possibly an entire district) to have sufficient</p>

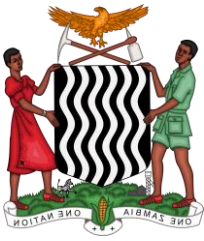


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	<p>size to be developed into a package that is large enough to be attractive for private sector developers and for EU to be included in the Cfp.</p> <p>A “Package” may therefore consist of one site (e.g. a rural town or RGC) or several sites, depending on the geographical coverage of the Package. In the first case, the town/RGC will be visited by a project team; in the other case, one or more sites will be selected for sample field survey and assessment. The sites will be selected following an integrated approach, assessing both the supply side and the demand side, including ability and willingness to pay (ATP/WTP) of the beneficiary users, opportunities to develop/enhance productive uses and meet the demand of social services.</p> <p>Knowledge transfer and technical know-how will also be extended to REA staff in key technical areas such as demographic and socio-economic surveys, and preparing socio-economic profile of women.</p> <p>The Project Team Leader and a Social Development Expert will work closely with the selected Social Development Trainee to support REA staff that is assigned to the Project Team on a permanent basis (e.g. Economist, M&E specialist) or on an as-needed basis (e.g. community mobilization, renewable energy, and others) and work in close cooperation with other NKEs.</p> <p>Under the supervision of the REA Project Manager and project Team Leader, the Social Development Trainee will assist in carrying out the necessary field investigations and desk studies to fulfil the assigned tasks.</p>
<p>Specific tasks:</p>	<p>Assist the Senior Non Key Expert with the following specific tasks:</p> <ol style="list-style-type: none"> 1. Schedule appointments with stakeholder institutions and to assemble available relevant reports/documentations from the institutions including the local leadership in communities where data will be collected. 2. Participate in the preparation of the data collection methodology. 3. Prepare data collection tools that will be used to collect data from target communities. These will include household questionnaires, checklists for both focus group discussions and key informant interviews. 4. Participate in the data collection exercise using approved data collection tools from target communities. 5. Participate in data analysis and report writing on socio-economic profile of the households in target villages, their income and ability to pay for electricity, their uses of electricity and its impact on changing their lives. 6. Prepare training/workshop materials and reports.
<p>Expected Outputs of the Traineeship</p>	<p>Assist the expert team on the delivery of:</p> <ol style="list-style-type: none"> 1. Socio-economic profile of the households in the targeted villages 2. Households' income and ability to pay in Project villages 3. Use of electricity in the Project villages 4. Impact of electricity on changing life 5. Gender assessment; 6. Participation in consultation 7. Training/Workshop materials and reports





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Assignment Start	Expected start date: 23 th July 2018
Minimum requirements	<ol style="list-style-type: none">1. Qualification and Skills:<ul style="list-style-type: none">• University degree in social sciences or other related field2. General and specific professional experience:<ul style="list-style-type: none">• Advantage to have 1 year of relevant experience directly or indirectly linked to the assignment in social sciences in rural and remote areas.
Implementation Period	6 months
Location	Zambia

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