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# GLOBAL WATER SOLIDARITY

## TECHNICAL FORM REFLECTION PROJECT

<b>HEADING</b>	<b>Development of infrastructure and capacities in the water and sanitation sector in the upper part of the Basin No. 45</b>
<b>INTERVENTION AREA</b>	Two municipalities of the Department of Madriz located in the upper part of the micro-basin 45.
<b>GUIDING POLICY</b>	<p>This Project responds to the strategic guidelines of the National Human Development Plan 2012-2016. In accordance with the objectives for the water and sanitation sector, that aim to increase the effective coverage, improve the quality of the service, promote the rational use of this resource and ensure the maintenance of the existing systems and networks, as well as with the climate change strategy. This Project is consistent with the normative framework established in the National Water Law, 620, the law of the CAPS and the law 290 of the executive power organization.</p> <p>It is expected to contribute to the improvement of the coverage of safe water and sanitation in population living in vulnerable conditions located in the upper part of the basin 45, ensuring its proper management and coordination of different public and private entities involved at local-national level. The strengthening of inter-institutional capacities in the development and implementation of policies and strategies defined by the government of Nicaragua to guarantee safe drinking water and sanitation, the protection and management of water resources under the basin approach, is essential to ensure the sustainability of the investment and the effective basin management.</p>
<b>DURATION</b>	18 months.
<b>PROJECT SUMMARY</b>	<p>The project: Development of infrastructure and capacities in the water and sanitation sector in the upper part of the Basin No. 45, DINCAS, will be launch in its first face in two municipalities of the country's dry corridor, located in the departments of Madriz in the north of the country.</p> <p>It constitutes a first stage of an initiative that gradually covers other municipalities from the Departments of Madriz, Estelí and Nueva Segovia. For the launch of this initiative, it will be put into practice a basin approach so that the actions respond to an integrated management of the upper part of the micro-basin No. 45, the sustainable management of the existent natural resources and the role that people, family and community have to play on the conservation and sustainability of biodiversity, the water resources and water management in particular. These elements will be addressed from a climate change adaptation approach that will allow to adequate the answers to the extreme environmental effects that are manifested on the territory as</p>



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	<p>drought and increase of rainfall.</p> <p><b>Component I</b></p> <ul style="list-style-type: none"> <li>➤ Investment in infrastructure for water and sanitation</li> </ul> <p>The Nuevo FISE intends to execute a project of water, sanitation and hygiene in the micro- basin 45, which will be conducted with a basin-approach and considering the effects caused by climate change on water resources to design systems that are sustainable.</p> <p><b>Component II</b></p> <ul style="list-style-type: none"> <li>➤ Institutional strengthening</li> </ul> <p>Strength and consolidate the technical-managerial capacities from the municipal units of water and sanitation located in the upper part of the micro-basin, through an accompanying process of technical assistance and training. The Nuevo FISE will facilitate the inter-institutional coordination for the identification of demand and basin planning resulting in participatory design, implementation, operation and maintenance of sustainable water and sanitation systems.</p> <p><b>Component III</b></p> <ul style="list-style-type: none"> <li>➤ Community strengthening</li> </ul> <p>In the framework of the project it is proposed to develop a plan to promote the CAPs, for the sustainability of the systems and community participation in the management of water and sanitation sector.</p>
<p><b>PROJECT BENEFICIARIES</b></p>	<p><b>C.I</b> The communities that are vulnerable to access to safe water, this is why is has been decided to address mainly the population of the mainly indigenous and rural municipalities.</p> <p><b>C.II.</b> The Municipal Unities of Water and Sanitation (Unidades Municipales de Agua y Saneamiento)- UMAS, located in the mayors of the two selected municipalities.</p> <p><b>C.III.</b> Existing Drinking Water Committee and new for the project located in these municipalities.</p>
<p><b>DESIRED RESULTS</b></p>	<ol style="list-style-type: none"> <li>4. Identified demand of water and sanitation services through a free and informed consultation for the definition of the project portfolio.</li> <li>5. Built water and sanitation system in communities vulnerable to climate change, extreme severe poverty or high and without coverage of water for human consumption.</li> <li>6. Designed and implemented plan to strengthen the UMAS</li> <li>7. Elaborated and implemented plan to promote and strengthen the technical capacities of the CAP for the system's and water resources sustainability.</li> </ol>



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<p><b>PLANNED ACTIVITIES</b></p>	<ol style="list-style-type: none"> <li>1. Develop a social evaluation with the prioritized communities.</li> <li>2. Develop a free and informed consultation to identify the demand.</li> <li>3. Define priorities and project portfolio proposal.</li> <li>4. Organization and/or reinforcement of the community structures.</li> <li>5. Community training for project cycle management</li> <li>6. Formulation and <i>ex ante</i> evaluation of projects</li> <li>7. Execution of work and management plans</li> <li>8. Monitoring and follow- up</li> <li>9. Exchange of experiences between municipalities located on the basin, NGOs and public entities.</li> <li>10. Participatory evaluation of the project.</li> </ol>
<p><b>PROJECT MANAGER</b></p>	<p>Nuevo FISE. Licenciada América Zeledón. Director of the Institutional Development Division. (execution of infrastructure and capacity strengthening)</p>
<p><b>PARTICIPATING ORGANIZATIONS</b></p>	<p>Municipal governments of the two municipalities, upper part of the Basin 45. Mayors of these municipalities. ANA. MARENA. INETER ENACAL</p>
<p><b>PARTNERS AND CONTRIBUTION</b></p>	<p>Information System of Water Resources (SIAGUA) ANA Plan for integrated management of water resources ANA Designed methodology for basin management with GIS Contribution with human resources for the ex- ante evaluation of the projects, monitoring and follow-up during its execution and post-execution.</p>
<p><b>BUDGET</b></p>	<p>€ 200,000.00 A first stage will take place in the form of pilot, prioritizing the municipalities that present more vulnerability and deficit from the department of Madriz.</p>
<p><b>PROJECT SUSTAINABILITY</b></p>	<p>The municipal governments have destined a budget item of 7.5% of their budget for the operation and maintenance of the water and sanitation infrastructure. The Nuevo FISE through the Municipal Advisors located in the Direction of Operations and Local Development guarantees the monitoring and follow up during the execution and sector attention in the post execution phase with the Regional Advisors of water and sanitation.</p>