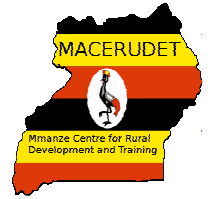
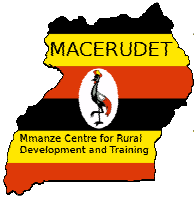


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AMAZZI NOBUYONJO BWEBULAMU - WATER, SANITATION & LIFE PROJECT





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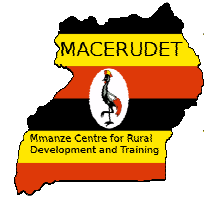
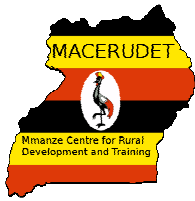
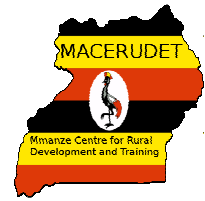


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Summary

In the Masulita province of Uganda, children and young people do not have access to safe drinking water and improved sanitation facilities. This creates major health problems for the children and is also inhibiting their educational performance. To help overcome these problems, The Mmanze Centre (MACARUDET) has developed the Amazzi Nobuyonjo Bwebulamu Project.

This proposal explains why the project is needed, details expected outcomes if the project is implemented, and provides a comprehensive work programme and budget. Background information about MACERUDET is also included.

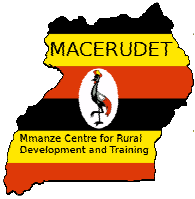
MACERUDET plans to install a rain water harvesting tank and pit latrine block in ten schools in the Masulita sub-county area. These new resources will provide access to improved water and sanitation facilities for 24,212 children and young people. MACERUDET will also conduct an awareness campaign to explain the importance of using safe drinking water and proper sanitation facilities.

In Uganda, the traditional idiom of the region, Amazzi Nobuyonjo Bwebulamu means Water, Sanitation and LIFE. The NGO chose this name to highlight the importance of water and sanitation facilities towards improving the community's living conditions.

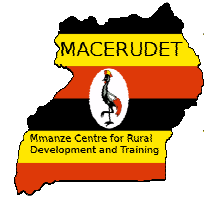
Why This Project Is Needed

In Uganda, only 72% of people can access improved drinking water sources and just 34% use improved sanitation facilities (UNICEF, 2010). In isolated rural areas such as Masulita, these numbers are even lower. The lack of water and sanitation infrastructure has a major impact on the health of local communities.

In Masulita, children have to walk two kilometres every day to get water. Water is taken from an unprotected natural swamp and is not safe to drink. Families currently boil the water but despite this precaution, they often experience dysentery and diarrhoea, which can be life-threatening.



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Cholera is prevalent in the area. The standard of sanitation facilities in Masulita is also very limited. This leads to other diseases such as candidiasis and skin rash.

Local education is severely compromised because the children cannot access improved water and sanitation facilities. Many children simply do not go to school if the facilities are not available. Girls in particular have very poor attendance rates if the sanitation facilities at school are unclean and unsafe. Low attendance rates are not the only problem our schools face. Children's academic performance is very low in schools which lack clean drinking water and proper sanitation facilities. Children struggle to concentrate on their studies when their health is compromised.

Without water, sanitation and hygiene, the children of Masulita will continue to struggle with health problems and low educational achievement. MACERUDET believes this situation is unacceptable and has designed a project to give these children a better future.

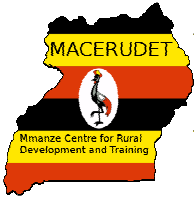
Project Details

The Mmanze Centre has developed this project in collaboration with the local Public Health Officer and representatives of the local community. The objectives of the project are:

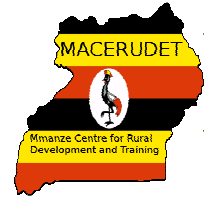
- Enhance access to safe drinking water through the installation of ten new rain water harvesting (RWH) tanks in local schools.
- Enhance access to sanitation facilities through the installation of ten new pit latrine blocks, plus proper sanitation and clean water containers at each site.
- Raise community awareness about the new facilities and the importance of clean water and proper sanitation.
- Increase attendance and performance rates at the local schools.

In conjunction with the local community, The Mmanze Centre has identified ten schools in Masulita which currently lack proper water and sanitation facilities. Each of these schools will receive:

- One 100,000 litre rain water harvesting tank.
- One ten-stall latrine block. Each block also contains clean water containers for sanitary washing of hands.



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MACERUDET is committed to ensuring that the new facilities make a lasting difference for the local community. To ensure the new facilities are properly utilised, MACERUDET will organize educational events and info-points in each school and in the local health units, and will produce fact-sheets and calendars to be distributed among members of the community.

MACERUDET will also create a fund to help meet future expenses. Students' families will be asked to contribute to the fund and proceeds from the fund will finance ongoing repairs and maintenance of the facilities. MACERUDET will train the local community in the correct maintenance of all facilities.

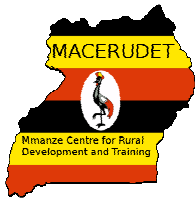
Project Duration:

The expected duration of the project is 20 months. The project is ready to commence as soon as funds for its implementation are raised. The duration has been calculated considering 18 months as the time needed to complete all phases, plus two additional months to recover time lost during the rainy season. As adverse weather conditions could hinder the construction of the facilities, the NGO has extended the construction time to respect deadlines and the use of funds. Further details are provided in the section below.

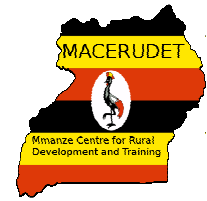
Work Programme:

MACERUDET has expertise in the installation of water and sanitation facilities having already completed similar projects in the area. The NGO is confident of executing the Amazzi Nobuyonjo Bwebulamu Project successfully. However, precise organisation is needed because of the significant capital investment involved and the scattered location of the building sites in ten different locations.

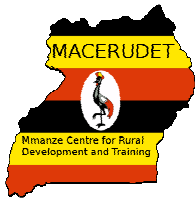
MACERUDET has decided to create facility units to manage and monitor the progress of each part of the project. In the first phase of the project, the NGO will organise the units and create a code of conduct as well as rules of procedures to be adhered to. This will ensure transparency and guarantee traceability of funds received. A breakdown of the work programme is shown on the following page.



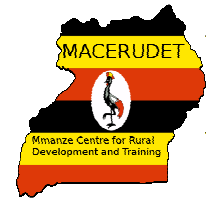
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Work Package n°0	Context analysis
Activity 0.1	Analysis methodology
Activity 0.2	Analysis execution
Activity 0.3	Data processing and project drafting
Work package n°0 has been completed before the presentation of this proposal and its deliverable is the proposal itself.	
Work package n°1	Organization of operations
Activity 1.1	Creation of facility units
Activity 1.2	Establishment of code of conduct for facility units
Activity 1.3	Establishment of rules of procedure for all units involved
MILESTONE: Code of conduct and rules of procedure as deliverables	
Work package n°2	Materials supply
Activity 2.1	Purchase of materials
Activity 2.2	Distribution of materials among building sites
Work package n°3	Site preparation
Activity 3.1	Rooting out of plants and trees
Activity 3.2	Preparation and reclamation of soil
Activity 3.3	Lay the groundwork
Work package n°4	Rain Water Harvesting tanks and pit latrine blocks realization
Activity 4.1	Realization of the Rain Water Harvesting (RWH) tanks
Activity 4.2	Realization of the pit latrine blocks
Activity 4.3	Development of safety and sanitary measures for the RWH tanks
Activity 4.4	Development of safety and sanitary measures for the pit latrine blocks
MILESTONE: Report of the facility units on the whole project implementation	
Work package n°5	Final evaluation
Activity 5.1	Evaluation of the project based on the report of the facility units
Activity 5.2	Evaluation of expenditures and gathering of receipts
MILESTONE: Evaluation of project and expenses operated by MACEDURET organizing committee coordinated by Mr. Mulindwa William	
Work package n°6	Awareness Campaign
Activity 6.1	Creation of informative material
Activity 6.2	Conduction of the campaign with info-points and specific events
Activity 6.3	Spread of information among donors, partners and relevant organizations



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Sample Timeline of Events:

Work Plan	Duration
1	One month
2	One month
3	Three months
4	Fifteen months
5	Two months

Expected Outcomes

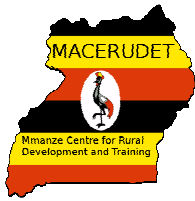
MACERUDET has already completed projects of a very similar nature. We undertook significant impact analysis after the latest project was completed. Based on this analysis, we expect the proposed project to yield significant benefits for the local community:

Number of Direct Beneficiaries

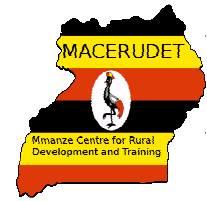
The Amazzi Nobuyonjo Bwebulamu Project will produce direct benefits for 24,212 people in the area by providing them with access to safe clean nearby water and improved sanitation facilities.

The following table breaks the beneficiaries down by gender, age and location:

Age/Gender	F <5	M <5	<6 F <14	<6 M <14	F > 15	M >15	TOTAL
School Name							
Mizuho	245	123	416	342	794	615	2535
Bbaale	194	106	375	298	543	489	2005
Kabale	198	235	458	376	874	652	2793
Bukobero	286	223	421	346	775	589	2640
Nakikungube	283	194	451	382	668	532	2510
Hope/Day care	234	169	543	432	763	621	2762
Wabiynja	114	189	347	289	431	548	1918
Kyengeza	217	187	462	369	721	568	2524
Luwami	213	167	438	334	654	528	2334
Wololo	309	276	312	268	457	569	2191
TOTAL	2293	1869	4223	3436	6680	5711	24212



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Health Benefits

MACERUDET is very confident that this project will create significant health benefits for the local communities. In our previous project, the installation of RWH tanks and pit latrine blocks saw major changes in the health of the local population including:

- Decreased prevalence of diseases caused by poor sanitation from 70% to 30% of the local population.
- Access to safe water increased from 20% to 70% of the local population.
- Access to improved sanitation facilities increased from 5% to 65%.

Previous awareness campaigns have also improved sanitation practises in the wider community. The Holy Cross Namutenga Community School recorded a 75% increase in improved sanitation facilities at the homes of school children after MACERUDET's awareness campaign was completed.

Education Benefits

We expect to see the following education outcomes:

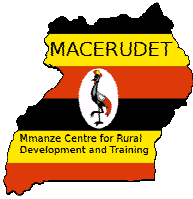
- **Increased attendance**

The number of children attending school will significantly increase once water and sanitation facilities are available. The three schools involved with our previous project saw attendance rates increase by as much as 83%:

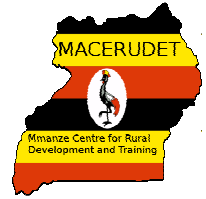
School	Attendance prior	Attendance after	Increase (%)
Mmanze Secondary school	356	654	83.7
Mmanze Primary School	467	585	25.3
Holy Cross Namutenga Primary School	425	546	28.5

- **Improved academic performance**

We expect to see a dramatic increase in the children's academic success once they have access to the new facilities. After the previous project was completed, academic pass rates rose from approximately 10% to 70%. Girls experienced the biggest increase in test scores.



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These education benefits will make a positive and lasting contribution to community development in Masulita. Please contact us if you would like to see a letter from the Holy Cross Namutenga Community School which explains the benefits they have experienced since receiving new water and sanitation facilities.

Benefits for Minority/Refugee Populations

The project will positively impact the lives of 2,588 members of minority populations. These are families which have dwelt in the area for no more than two years. Currently, these minorities come from the eastern part of the Democratic Republic of Congo after the M23 rebellion and the consequent fights in their area. Following the definition of the Article 1.A.2 of the United Nations Convention Relating to the Status of Refugee (1951), they can be considered as refugees.

Return on Investment

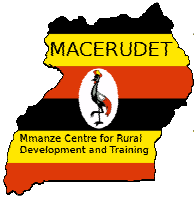
According to the UN Sanitation Drive, "Financing sustainable sanitation is an investment in human development that yields high economic returns. Improved sanitation in developing countries yields an average of about nine dollars for every dollar spent. Increases in female literacy (due to increased school attendance where proper sanitation facilities exist) contribute to economic growth".

This information suggests the Amazzi Nobuyonjo Bwebulamu Project will generate a very favourable return on investment.

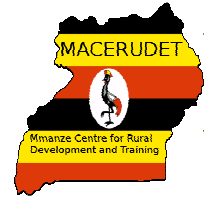
Millennium Development Goals and Other International Pledges

This project will make a direct contribution towards Uganda achieving two of the Millennium Development Goals:

- Reducing by half the proportion of people without sustainable access to safe drinking water and basic sanitation.
- Universal Primary Education.



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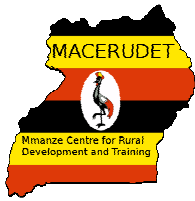
Outcomes from this project will also support other pledges officially undertaken by the International Community related to the human right to water and sanitation, such as the General Commitment No. 15 on "The Right to Water" developed by the UN Committee on Economic, Social and Cultural Rights (ECOSOC) and the UN General Assembly Resolution A/RES/64/292 on "The human right to water and sanitation".

Budget

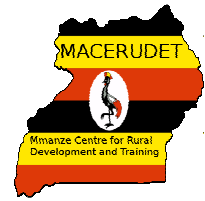
Being a large-scale project, the Amazzi Nobuyonjo Bwebulamu project requires a significant investment outlay for its realization. Conscious of the difficulties in collecting a large sum, MACERUDET is open to negotiations on the funding plan and is willing to accept proportions of the total amount from different organizations, NGOs and private donors. Alternatively, one organisation could provide the total amount over a period of several years. MACERUDET will ensure transparency for all donors and will include all of the participants in the negotiation process via an ongoing dialogue from the start to the end of the project.

Donors will be kept informed of expenses incurred during all stages of the building project. Furthermore, MACERUDET will collect and make available all receipts of expenses. All donors will receive the final evaluation of expenditures.

The Mmanze Centre has decided to include ten wheelbarrows to collect and transport garbage and construction materials, ten bicycles to transport sick children to health units and one motorcycle to expedite the work of the facility units and supervise the whole project. From the specs below, the budget's gross total is Uganda shillings 438,215,000, or approximately US dollar \$173,622. MACERUDET is always available to provide clarifications to any queries related to the budget. The budget breakdown is as follows:



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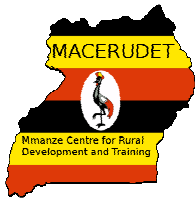


Budget for Rain Water Harvesting Tank:

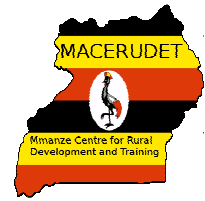
Material	Quantity	Cost (Uganda shillings '000)
Binding wire	50	350
Black paint	200 litres	1000
Bricks	3000 pieces	600
Cement	20 bags	640
Grey cement	60 bags	1920
Waterproof cement	8 tons	4800
Coarse sand	7 trips	700
Fine sand	7 trips	350
Damp proof	5 pieces	100
Flat boards	25 pieces	250
Gravel	3 trips	300
Gutter holders	50 pieces	100
Hard core	2 trips	500
Hoop iron	1 roll	200
Iron bars 16"	20 pieces	1000
Iron bars 1/4"	20 pieces	200
PVP pipes	5 pieces	300
Site's soil removal	20 trips	1000
Stone dust	10 tons	300
Water gutters	20 pieces	1000
Water tap	1 piece	20
Weld-mesh	10 pieces	300
Weld-mesh	2 rolls	500
Labour	10% of total price	1643
Transport	20% of total price	3286
Total per RWH tank		21359
Total per 10 RWH tank		213590
Total per 10 RWH tank		US dollar \$84625

Budget for Pit Latrine Block:

Material	Quantity	Cost (Uganda shillings '000)
Binding wire	20 kg	100
Block boards	20 pieces	100
Bricks	5000 pieces	1250
Cement	100 bags	3200
Hydrated cement	20 bags	500
Coarse sand	5 Trips	500
Fine sand	10 trips	500
Doors	10 pieces	2000
Facia boards	10 pieces	100
Flat boards	40 pieces	400



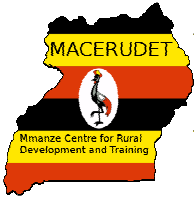
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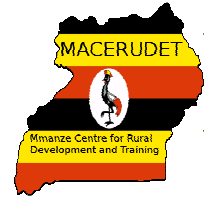
Fly screen	5 pieces	50
Gravel	5 trips	500
Hard core	10 trips	1000
Hoop irons	1 roll	100
Iron bars 20''	20 pieces	1200
Iron sheets	10 pieces	350
Nails general	20 kg	100
Nails roofing	50 kg	300
Paint emulsion	20 tins	400
Paint gross	5 tins	125
Pit digging	50 feet	1000
Poly powder	40 kg	160
Purlins	20 pieces	100
Rafters	20 pieces	100
Ridges	25 pieces	250
Sand paper	1 roll	100
Site soil removal	20 trips	1000
Soak pit digging	40 feet	400
Tie beam	10 pieces	80
Timber wall-plate	10 pieces	60
Vent pipes	5 pieces	100
Weld-mesh	2 rolls	500
Labour	10% of total amount	1662.5
Transportation	20% of total amount	3325
Total per block		21612.5
Total per 10 blocks		216125
Total per 10 blocks		US dollar \$85629

Additional Expenses:

Material	Quantity	Cost (Uganda shillings '000)
Wheelbarrow	10	1000
Bicycle	10	2500
Motorcycle	1	5000
Total		8500
Total		US dollar \$3368



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Our Commitments to Sponsors

MACERUDET will ensure the visibility of all sponsors by including their names on informative placards placed in front of the project sites. Moreover, the NGO will include information about sponsors on the fact sheet that will be distributed among relevant regional organisations.

Information about sponsors will be disseminated during awareness campaigns and every pit latrine block will have a permanent placard which features names of contributors and sponsors at its entrance.

MACERUDET is willing and able to provide sponsors with regular progress reports detailing the project activities, photos of the new facilities, and beneficiary case studies to any sponsor organisation. These materials can be used in communications within your organisation and with your own supporters. If any sponsors or their representatives are in Uganda, the Mmanze Centre would welcome the opportunity to take visiting representatives on a tour of the project sites.

The Mmanze Centre is always open to feedback and suggestions from our partner organisations. We value external expertise and would welcome any ideas which may strengthen the proposal we have outlined above.