



New Program/1st Project Application Form for EWB-USA

EWB-USA requires at least a 5-year Program commitment to the communities in which our chapters work. Within each Program there may be one or more projects. This application is for new Programs and the first project within that Program (chapters submitting new projects within an existing Program, please submit a 501B – Continuing Program Application).

- If the submitter is an NGO or community (without a chapter affiliation), please complete sections A and B only.
- If the submitter is a chapter of EWB-USA, please complete all sections.

Note: EWB-USA does not provide cash donations or grants to communities.

Application review process:

- 1) Applications are submitted on the first of each month to the Application Review Committee (ARC), who reviews the application and makes the final decision. *Note: The review process will take 4-8 weeks, during which time the submitter may be contacted with questions.*
- 2) If this application is approved and has not been adopted by a chapter, it will be placed on the EWB-USA website for adoption. Note: The adoption process can take several months, and some projects are not adopted by chapters.
- 3) Once the program is approved and a chapter has been approved to adopt it, the chapter should contact the community or NGO and begin to plan the first assessment trip.

Once the application is approved and has been adopted by a chapter:

- 1) The chapter travels to the community for an assessment trip (Prior to travel, the pre-assessment report must be approved by an EWB Project Manager – See the EWB-USA website for submission deadlines).
- 2) Upon return, the chapter submits a post-assessment report.
- 3) The chapter designs the project, incorporating community input in the design process.
- 4) The chapter may return to the community for a second assessment trip to discuss design alternatives with the community (Prior to travel, the assessment plan must be approved by an EWB Project Manager).
- 5) The chapter travels to the community to implement the design (Prior to travel, the pre-implementation report must be submitted. The Technical Advisory Committee (TAC) must approve the design prior to departure).
- 6) The chapter submits a 501B - Continuing Program Application, prior to beginning the next project within the Program.

What we are looking for in EWB-USA Programs:

- 1) The Program's mission is well defined and in-line with EWB-USA's mission.
- 2) The Program and each project within the Program can realistically be developed by a group of volunteers.
- 3) Each project cost is reasonable for the chapter to fundraise.

- 4) The Program will benefit the entire community and will not discriminate against members of the community.
- 5) There is community involvement and participation in all phases of the program.
- 6) The community is willing and able to contribute to each project within the program in the form of: labor, materials, food, lodging, funds, etc.
- 7) There is an existing or potential in-country partner organization, such as a Non-Governmental Organization (NGO), community organization, and/or local committee.

Travel Safety Procedure:

- EWB-USA will not approve new programs or allow travel to any country or areas within a country rated at “Extreme Risk” by the ISOS Country Risk Guide.

As of May 2010, this includes: **Afghanistan, Iraq, and Somalia.**

- EWB-USA will not approve new programs to any country rated at “High Risk” by the ISOS Country Risk Guide.

As of May 2010, this includes: **Algeria, Chad, Congo (DRC), Guinea, Guinea-Bissau, Haiti, Ivory Coast, Liberia, Pakistan, Papua New Guinea, Sierra Leone, Sudan, Yemen, and Zimbabwe.**

- Travel to areas within a country rated at “High Risk” by the ISOS Country Risk Guide and/or have a U.S. Department of State “Travel Alert” issued through OSAC will only be considered if the chapter can, at a minimum, demonstrate to the satisfaction of EWB-USA:
 1. That the chapter will not be spending time in high risk regions;
 2. How the chapter will adhere to International SOS Travel Security Advice;
 3. The precautions that will be taken by the chapter to mitigate risk; and
 4. How safe travel to, from, and within specified location(s) will be provided for chapter members.
- Travel to countries or areas within a country which have a U.S. Department of State “Travel Warning” issued, through OSAC, will be considered on a case by case basis and, at a minimum, must demonstrate the same criteria as stated above to the satisfaction of EWB-USA.
- EWB-USA will not allow travel to a country if UN Peace Keepers are in-country due to a threat of violence.
- EWB-USA will not allow travel to a country if major airlines have pulled their travel operations due to security reasons.
- EWB-USA will not allow travel to any country which has no diplomatic or consular ties with the United States. As of May 2010, this includes: **Iran, Cuba, and North Korea.**
- EWB-USA will not allow travel by a student chapter if its University/College provides an objection to their traveling. In accordance with the Student Chapter Agreements, all student chapters are also obligated to adhere to and satisfy the requirements of their university.
- Travel restrictions will be considered on a case by case basis to countries where the U.S. Peace Corps has pulled out or has been suspended due to security reasons.

Submission information:

Please email this form in MS Word format (it must be less than 1MB) to: projects@ewb-usa.org

SECTION A: PROGRAM

EWB-USA is committed to a long term relationship with communities. The purpose of Section A is to outline all of the important needs of the community so that chapters can achieve a broad understanding of the community. Within a program, there may be one or many projects.

A.1) Program Information

Today's Date: August 24, 2011

1) Please check one of the following boxes:

- New Program Submitted by NGO or community (no chapter has adopted the program)
- New Program Submitted by a chapter of EWB-USA (chapter has adopted the program)

2) Country: Uganda, East Africa

3) Region/State: Southwest Uganda, Buddu Region

4) Location in Country (e.g. South West Kenya, 30 miles from Tanzania): 35 Kilometers west of Masaka

5) Community: Nakyenya

6) Community Geographic Coordinates: Google Earth may be used to determine coordinates. Care should be taken to get the relative direction for the latitude (E/W) and longitude (N/S). Please use N, W, S, or E as a prefix to indicate the relative direction from the equator or Prime Meridian. For example: S 44.0354, W 98.3342.

7) Coordinates for the first project of this Program: 0d,25m,18.08s S, 31d,30m,01.45s E

8) Has a chapter of EWB-USA agreed to accept this program? Yes No

If Yes:

Name of Chapter(s): _____

Contact person: _____

E-mail or Phone: _____

9) Active EWB-USA Programs: Does your chapter currently have any active EWB-USA programs (circle)?

 Yes X No

- If Yes, list all Programs (Country, community, type)?

(Note: In general, EWB-USA limits the number of programs for each chapter to three or less for quality and funding reasons. Please contact your Chapter Relations Manager with any questions).

*** Note: If a chapter has already agreed to accept this program, please CC the chapter's faculty advisor/President via e-mail when submitting this application.**

A.2) Contact Information

Partnering Organization, Contact Information & Mission

Name of organization (required): BUSODA (Buddu Social Development Association)

Mission of the requesting organization: Our goal is to provide institutional programme interventions in the fields of community health, sanitation, agriculture and non formal education integrating them into community activities. The organisation was established to canvass support for marginalized groups of the women population that includes orphans, widows and people living with HIV/AIDS.

Website of organization (If applicable): www.busoda.org

Name of primary contact person (required): XXXX

Position/Affiliation with organization (required): US Peace Corps Volunteer

Contact email: XXXXX

Contact phone: XXXXX

Contact address: XXXXX

Also:

Name of primary contact person (required): XXXXX

Position/Affiliation with organization (required): Head of Mission

Contact email: XXXX

Contact phone: XXXXX

Contact address: XXXXX

NOTE: Either a contact e-mail or phone number is required

Name of on-site/in-country primary project facilitator (required): Daudi Ssentamu

Position/Affiliation with organization (required): Head of Mission

Contact email: busodac@yahoo.com

Contact phone: +256 701 482 634

Contact address: PO Box 1796, Masaka Uganda

A.3) Program Description

1) Program Goals and Strategy: The Program is the overall mission of your efforts in the community. There may be several projects within a single Program (One-Three paragraphs: Approximately 300 words).

- Provide background on the community and the primary needs of the community.
- What is the mission of the Program?
- Why is this Program necessary, and how will it improve the conditions of the community?
- How is this Program aligned with sustainable development efforts (as defined by the Brundtland Commission: "Development that meets the needs of the present without compromising the ability of future generations to meet their own needs")?

Nakyenyi is a small rural village located several kilometers off of Masaka-Mbarara road in the Southwest-Central Region of Uganda. The community survives almost entirely off of sustenance farming. The dramatically rising population and regional climate change is driving the community into further poverty due to less and less acreage per person being available for farming and less efficient agricultural output due to the recent unpredictability of seasonal rains. Overpopulation is also leading to the rapid destruction of Uganda's forests. Costs of firewood are increasing steadily, greatly impacting families and institutions who rely on firewood for cooking fuel.

Two NGOs currently conduct operations within the community trying to enhance the quality of life available to residents. The Buddu Social Development Association runs a vocational school where 50 orphans and vulnerable children are sponsored and taught trade skills. The Lwengo Rural Development Support Organization is using Interlocking Stabilized Soil Brick (ISSB) technology to build rainwater capture tanks to enhance safe water practices in the community.

The program will seek to build a demonstration biogas plant at the Nakyenyi Vocational School using ISSB technology. The demonstration plant will consist of a small residential sized digester that could be implemented in households owning only a few cattle as well as a large institutional sized digester for large farms. The two units will be designed for repeated implementation at future sites. Construction activities will be conducted by the construction program at Nakyenyi Vocational School with expert supervision in ISSB technology use provided by the Lwengo Rural Development Support Organization.

The 2 unit plant will be built with purpose of marketing the technology and implementing it in the future in both small household and institutional settings. Construction and maintenance costs will be tracked stringently along with usage statistics in order to establish a future pricing model and to demonstrate the cost benefits biogas can provide. Stakeholders from the initial building will form a small business seeking to construct future implementations. The plant, to be located at Nakyenyi Vocational School will supply fuel for all cooking done at the school as well as some supplemental lighting.

The program will have an impact that touches every level of the community. The effort will be the launching point of a business that provides a new product not currently available in the country. The product produced will be both an appropriate and sustainable technology that can and will be built by local tradesmen. The program will create jobs and increase awareness of this clean and plentiful fuel source. The program will also increase the capacity of Nakyenyi Vocational School and allow it to continue to provide career opportunities to local citizens who have left the primary and secondary education systems.

The program will meet the Brundtland Commission's definition of sustainable development because it is a technology that can be produced locally, understood by the locals, and eventually implemented without need of additional assistance or subsidization. The program is an investment in a technology that can be counted on to play a major role in the long term development of East Africa.

A.4) Community and NGO Support and Collaboration for the Program

*EWB-USA is **not** a funding agency. EWB-USA **partners** with developing communities to improve quality of life by providing technical assistance for the design and development of sustainable engineering projects. We expect community contribution to EWB-USA programs, as this has been found to improve Program success. Likewise, we require partnership with a **local** non-governmental organization to ensure the sustainability of the Program.*

1) Program Collaboration: Describe the local partnering organization(s) for this Program. In what capacity will they be involved? Will these organization(s) be providing financial support to the program?

- One-Two paragraphs: Approximately 100 words

The organization to be the primary partner in the implementation of the program will be BUSODA, the Buddu Social Development Association. They will provide the site for installation, will provide the workers required for construction, will provide the daily fuel for charging the biodigester, and act as a primary stakeholder in the business enterprise that results from the construction.

The Lwengo Rural Development Support Organization (LRDSO) will partner with BUSODA to provide construction of the reaction tank and provide equipment and expertise required to manufacture the bricks to be used in the construction. LRDSO will also serve as a stakeholder in the resulting business enterprise.

The United States Peace Corps currently partners with both these organizations and should the program proceed will have an interest in continuing provide sanitation engineering volunteers to the organization.

Minimal monetary support will be available from the partnering organizations, however, previous purchases of equipment and a commitment of both human resources and materials required for construction will be provided representing significant value.

Additional needs of community contribution will be obtained through fundraising efforts.

2) Presence of Other Organizations: What other organizations are currently working in the community? How do your projects compliment/detract from each other?

- One paragraph: Approximately 100 words

The Lwengo Rural Development Support Organization and BUSODA are the only two registered NGOs operating in the Nakyenyi community. The most prominent other presences are the Nakeynyi Primary and Secondary Schools and local churches.

3) EWB-USA Chapter Collaboration: Will other EWB-USA Chapters be involved with this program? In what capacity will they be involved?

- One paragraph: Approximately 75 words

We are open and willing to work with whoever would like to assist in the project.

4) Local University Collaboration: Are any local universities interested in collaborating with this project? If so, in what capacity will they be involved?

- One paragraph: Approximately 50 words

BUSODA is seeking academic partnership from the engineering and science department of Makerere University but has not yet received a commitment. We continue to have an interest in partnership with academic institutions and will continue to pursue such a partnership as we develop the program.

SECTION B: 1ST PROJECT OF PROGRAM

Please outline the first proposed project of the Program in Section B. Projects should be focused and well defined.

B.1) Project Description

1) Project Title: Design and Construction of a 2 Unit Biogas Digester at Nakyenyi Vocational School

2) Project Summary: Provide a **short** overview of the scope of work of the proposed project.

- One-Two paragraphs. Approximately 75 words

Design, procurement, construction and startup of a residential scale biogas digester at the Nakyenyi Vocational School. Residential scale for the purpose of this exercise will be defined as a unit that requires a daily loading that can be obtained from 4-8 cattle.

A floating drum digester with a water jacket seal will be constructed from locally procurable materials, utilizing local contractors and community workforce. The unit will serve as a demonstration unit for a future business enterprise.

3) Needs Addressed: Check the specific services or needs addressed by this project. Check all that apply.

- | | | |
|---|---|---|
| <p>Water Supply</p> <p><input type="checkbox"/> Source Development</p> <p><input type="checkbox"/> Water Storage</p> <p><input type="checkbox"/> Water Distribution</p> <p><input type="checkbox"/> Water Treatment</p> <p><input type="checkbox"/> Water Pump</p> <p>Sanitation</p> <p><input type="checkbox"/> Latrine</p> <p><input type="checkbox"/> Gray Water System</p> <p><input type="checkbox"/> Black Water System</p> | <p>Structures</p> <p><input type="checkbox"/> Bridge</p> <p><input type="checkbox"/> Building</p> <p>Civil Works</p> <p><input type="checkbox"/> Roads</p> <p><input type="checkbox"/> Drainage</p> <p><input type="checkbox"/> Dams</p> <p>Energy</p> <p><input checked="" type="checkbox"/> Fuel</p> | <p><input type="checkbox"/> Electricity</p> <p>Agriculture</p> <p><input type="checkbox"/> Irrigation Pump</p> <p><input type="checkbox"/> Irrigation Line</p> <p><input type="checkbox"/> Water Storage</p> <p><input type="checkbox"/> Soil Improvement</p> <p><input type="checkbox"/> Fish Farm</p> <p><input type="checkbox"/> Crop Processing Equipment</p> <p>Information Systems</p> <p><input type="checkbox"/> Computer Service</p> |
|---|---|---|

4) Affected Population: How many people will be affected by this project in a certain geographic region (please provide an estimated NUMBER of people affected -- not a description)

- a) Directly Affected: 50 - 100
- b) Indirectly Affected: 1000
- c) Geographic Area (5km radius, town, region etc): Village, 2 km radius

5) **Project Goals:** Elaborate on the goals of the first project. Why will you begin your Program with this project? Also, please answer the questions below ONLY if they relate to this project (One-Three paragraphs: Approximately 300 words).

- *If the project involves Water, please address the following questions:*
 - *What are the issues in the community that relate to water?*
 - *Why are you addressing a water project in this community?*
 - *What is a possible solution to the community's water problems?*
 - *Are there water rights issues that need to be considered? If so, what issues?*
- *If the project involves Energy, please address the following questions:*
 - *What will the electricity be used for?*
- *If the project involves Building, please address the following questions:*
 - *What exactly will be constructed?*
 - *How do you think that the construction project will be accomplished?*
 - *What materials do you know are available locally?*

Development of the product and teaching the stakeholders of the future business enterprise how to produce it is an obvious first step in the program. Apart from providing a demonstration unit, and teaching local builders how to construct a biogas digester this aspect of the program will also provide cooking fuel for the students at the Nakyenya Vocational School who will be constructing the future units.

The unit will provide energy, but that energy will be used exclusively for gas cooking and gas lighting with no conversion to electricity.

The initial construction will be accomplished by producing bricks locally, by building the fermentation tank locally, and by contracting work out to local welders to build the floating drum. Design support will be required from EWB but most on site assessments and basic calculations will be able to be done by the Building and Construction program at the Vocational School and the Peace Corps Engineering Volunteer currently assigned to Nakyenya.

The greatest challenge will be to design the system in such a way that the required maintenance on the drum can be done without expensive means. (either a jacking system or manual lifting used instead of a crane or hoist)

The first project in the program is of significantly smaller scale than other phases, and will provide an opportunity to the community to demonstrate its commitment to the program before the larger second project is started.

6) **Solutions:** What solutions have been tried in the past to address this problem? What were the results? What are the barriers to implementing a sustainable solution to this problem?

- One-Two paragraphs: Approximately 100 words

Wood fuel has traditionally been used in the local population and highly efficient mud stoves have been developed in order to maximize heat output from wood burning, however, Uganda's population is rapidly growing and wood reserves are being consumed at a non sustainable rate.

Butane stoves are used by some locals but the cost is overwhelming especially for traditional local foods which often take a long time to prepare.

7) **EWB-USA Role:** Describe the proposed role of EWB-USA. Labor? Design? Construction oversight? What specific skills can EWB-USA offer that are not available locally? We require at least a 5-year commitment to the community. What is the proposed plan to develop relationships between EWB-USA team members and community members?

- One-Two paragraphs: Approximately 100 words

EWB-USA’s role in the project will be primarily that of design / design assistance and construction/startup oversight. Expertise will especially be needed in developing the design of the digesters floating drum cap.

Once the first stage of construction is complete a business enterprise will be started in order to market and duplicate the units for future customers. The program will seek to develop relationships with local entrepreneurs and tradesmen during phase one and further develop their relationship with EWB over the course of the program.

An onsite US Peace Corps volunteer will provide a link to EWB and oversee the building of the relationship, recruitment of local skilled persons, and eventual turnover of the program to the local community. The planned progression of the program is for it to be a EWB / US Peace Corps / Locally Run Program to US Peace Corps / Locally Run to being a standalone locally run business enterprise.

8) **Budget:** If an estimated project budget has been developed, please include the figures below:

	Estimated Cost
Labor	\$ not developed
Materials	\$ not developed
Equipment	\$ not developed
Total	\$

9) **Program Timeline:** How will the Program develop, beginning with the first project? You do not need to know all of the timeline or budgeting, but estimate as best as possible. It will help the chapter in planning the overall Program.

Project Sequence	Title	*Type(s)	Estimated Cost	Estimated # Assessments	Estimated # Implementations	Estimated Length of Time
Project #1	Demonstration Unit 1 (Residential Scale)	CN, EN, EV, AF	\$1000	2	1	1 Year
Project # 2 <i>(If applicable)</i>	Demonstration Unit 2 (Institutional Scale)	CN, EN, EV, AF	\$10,000	2	1	2 Years
Project # 3 <i>(If applicable)</i>	Marketing	ME, EN, EV, AF	< \$100	0-1	Not Applicable	1 Years + Continuing
Project #4 <i>(If applicable)</i>	Future Implementations	ME, CN, EN, EV, AF	\$0	0-1	As market demands	3 Years
Total	N/A	N/A	\$11,100	4-6	N/A	7 Years

*Agriculture (AG), Alternative Fuels (AF), Construction (CN), Energy (EN), Environmental (EV), Ecosystem (EC), Education (ED), Information Systems (IS), Health and Safety (HS), Micro-Enterprise (ME), Sanitation (SA), Socio-Cultural (SC), Water Supply (WS), Water Treatment (WT)

10) Estimated number of years to complete Program and ensure Program sustainability:

7

B.2) Project Impacts

1) Positive Impacts: What potential positive impacts are anticipated as a result of this project? Please consider health, economic, environmental, social and cultural effects.

- One-Two paragraphs: Approximately 100 words

Not only does this project hope to introduce an appropriately technological alternative energy source into the community, but to do so in a way that allows the technology to be marketed in the future and built in the country without subsequent subsidies.

This program will provide an economic boost the community in implementation, a larger economic boost as the knowledge gained is used to develop a business enterprise, a positive environmental impact from use of the alternative fuel, and an educational impact that will demonstrate the importance of resource management to future generations.

2) Negative Impacts: Every project has negative impacts as well as positive impacts. List negative impacts that you have considered to be potential consequences or outcomes of this project (Note: We require that you answer this question – it will reflect the level of analysis put into this project application).

- One-Two paragraphs: Approximately 100 words

The greatest risk of negative impact for this project is the possibility of the project failing to be continued after the phase 1 construction is completed. The project seeks to benefit the community by becoming an economic cornerstone of the local economy and a teaching tool to promote the use of alternative energy sources.

Should the project fail to be continued after projects one and two have been completed then the project will have pumped money into the community without achieving a sustainable enterprise. It is also likely that should the program fail then the original project will not be properly maintained and will fall into disrepair.

3) Reducing Negative Impacts: How will these potentially negative impacts be addressed?

- One-Two paragraphs: Approximately 100 words

Continual partnership with a US Peace Corps Volunteer who is immersed and living in the community will provide a constant link with the community and will provide a constant push on community and organization members to stay involved and dedicated towards the goal of a self sustained enterprise.

By limiting the first phase of construction work to a small scale residential digester the partner organizations will be motivated to stay involved. The residential digester will not be able to provide the needs of the institution it will be built at and therefore the Nakyenyi Vocational School will have a vested interest in continuation of the program.

B.3) Beneficiary Group(s) Information for Project

1) Primary beneficiary of project: Nakyenya Vocational School

2) Beneficiary Information: Describe the beneficiary group(s) in terms of ethnicity, tribal and religious affiliations, spatial organization, primary occupations and relative incomes of groups (if more than one). Are social relationships harmonious in the area where the beneficiary groups reside? What language does the beneficiary group speak?

- One-Two paragraphs: Approximately 100 words

The Nakyenya Vocational School provides vocational skills to orphans and vulnerable children in the Buddu region. The Buddu region is populated primarily with Baganda people although Rukiga and other East African tribes are represented. The organization is a partner of the Inter Religious Council of Uganda and has students from Catholic, Protestant, and Muslim backgrounds. There are no ethnic or religious struggles in the community / region. The primary language spoken is Luganda, the language of the Baganda people.

3) Project Ownership: Who is expected to own this proposed project? Will a committee be established? Who will manage and be responsible for the maintenance and repairs of the project? Who will cover the cost of maintenance and repairs?

- One-Two paragraphs: Approximately 150 words

The ownership of the project will be a resultant organization formed under the umbrella of BUSODA. BUSODA will be responsible for the project maintenance. We have already addressed that one of the greatest design challenges will be to provide a system that can be maintained without use of expensive equipment. BUSODA will cover the cost of maintenance and repairs as they will benefit from the fuel production and be able to reduce their cost of firewood as a result.

4) Project Accessibility: Will the proposed project be freely accessible to all persons in the local area, or will it be restricted for use by certain groups? Will a fee structure be involved? Who will decide on the amount of the fees, and who will collect the fees?

- One-Two paragraphs: Approximately 100 words

The project seeks to be accessible by any members of the community who would like to be involved and have skills they contribute to the project. Members of the community who participate and make a positive impact in phases 1 and 2 of the program will be recruited to remain part of the program as it is developed into an independent business enterprise.

5) Community Support & EWB-USA's Role: What will the roles be of EWB-USA and of community members? What support will be offered by the community (labor, housing, materials, continued education, etc.)? Will the community provide any monetary contribution for the initial project costs?

- One-Two paragraphs: Approximately 100 words

Community members will be responsible for making the project go forward, keeping contact open with EWB, procuring materials, constructing the unit, establishing the resulting business enterprise, marketing the product, and acting as prime contractor for future implementations with limited or no oversight from EWB. The community is very poor but will seek to provide some type of monetary investment in the program.

EWB's role will be to provide design expertise, construction supervision if necessary, startup assistance / expertise, and then to remain involved as a consultant as the first implementation becomes a demonstration unit for a future business enterprise. Helping to develop the business practices of a successful contractor will be a key step in making the project a long term sustainable success.

B.4) Travel Logistics for Project

- 1) When to Travel: When is the best time to work in the area, considering weather, transportation access, holidays, as well as the availability of the beneficiary group(s) and NGO's facilitating the project?
- One paragraph: Approximately 50 words

Dry seasons run from May to August and November to February. Transportation access is limited and prices are increased during December. Schools are dismissed for all of December and January limiting availability of construction program personnel. Optimal timing for the project is the Northern Hemisphere's summer months.

- 2) Accommodations & Daily Costs: What local accommodations are available for EWB-USA team? What are estimated per day living costs for team members? Will the team stay with local community members?
- One paragraph: Approximately 50 words

EWB members will be provided accommodation at Nakyenya Vocational School. Daily living costs can range from \$10 for a local lifestyle to \$50 if more Western amenities are expected. Additional accommodations could be arranged at hotels in surrounding towns for generally \$10-20 USD per night.

- 3) Safety Hazards: What are some hazards that may be faced by EWB-USA members traveling to this project location (health issues, transportation difficulties, weather, insects, diseases, snakes, violence, crime, land mines, etc.)?
- One-Two paragraphs: Approximately 100 words

Transportation issues are common in Uganda and will likely be incurred by travelers at some point if public transportation is used. EWB members will need to protect themselves from Malaria by taking a prophylaxis, wearing appropriate clothing, and sleeping under insecticide treated mosquito nets. Uganda has a significant HIV problem and all traveling members should be aware and avoid risks.

- 4) Nearest Hospital or Clinic Location: Where is the nearest hospital or clinic approved by the **US State Department or Peace Corps**? What kind of health care providers regularly staff this facility? How far from the project site is this facility? Provide an address and phone number for the hospital or clinic.
- One-Two paragraphs: Approximately 100 words

Masaka Referral Hospital is the nearest major health center, located approximately 40k from the site of the program. It is one of the most advanced hospitals in the country with associations with both PEPFAR and the Red Cross. Doctors and trained nurses staff the facility. P.O Box 18, Masaka, +256481420018

5) Are people from the USA and aid from the USA welcome in the proposed project area? Yes No

6) Have people from the USA worked in the area before? If so, who, and in what capacity?

- One-Two paragraphs: Approximately 50 words

Yes. Two Peace Corps Volunteers are currently working in the village on health projects, small scale community initiatives, and life-skills programs. Community members are very familiar with Americans and are often eager to converse about life in the States.

SECTION C: CHAPTER INFORMATION

If a specific EWB-USA chapter wants to work on this Program/project, then that chapter must fill in this section. Otherwise, the application will be posted on the EWB-USA website for adoption by a chapter.

C.1) Chapter Information

1) Chapter Name: _____

2) Eligibility Criteria:

a) Your chapter must have a chapter agreement. Does your chapter have one? Yes No

b) Does your chapter currently have an active Program/project (circle)? Yes No

• If Yes, please fill in the table below:

Country	Region	Type of Project	Year Started

(Note: The Application Review Committee will take into consideration the number of active Programs/projects when approving a new Program/project for your chapter.)

3) Team Contact Information:

a) For Professional Chapters: Please fill in the fields below. All projects must have at least one Technical Lead who will lead the technical aspects of the project and travel with the team on both assessment and implementation trips. **If the Technical Lead does not meet the qualifications, the application will be declined.**

	Name	E-mail Address	Phone
President			
Project Lead			
Technical Lead			
Technical Lead #2 <i>(if applicable)</i>			

b) For Student Chapters: Please fill in the fields below. All projects must have at least one Professional Mentor who will lead the technical aspects of the project and travel with the students on both assessment and implementation trips. *(Note: The mentor(s) should read document #405-Mentor Qualifications).* **If the Professional Mentor does not meet the qualifications, the application will be declined.**

	Name	E-mail Address	Phone
President			
Faculty Advisor			
Professional Mentor** <i>(resume required)</i>			
Project Lead			

****Note:** Mentors are responsible for the technical accuracy of the project. They can be professionals or faculty. **This application must be accompanied by the Professional Mentor’s resume.**

C.2) Chapter Qualifications

1) Team Overview: How many people will be working on this project?

Number of Students	Number of Professionals	Are all participants members of EWB-USA (Yes/No)

2) Technical Lead/Professional Mentor: Who will be the Technical Lead (for professional chapters)/Professional Mentor (for student chapters) on this project? What experiences/education makes the technical lead(s) qualified for this project? **Please submit the resume(s) of the Technical Lead(s)/Professional Mentor(s) with this application. If no resume is submitted, the application will be declined. If the Technical Lead or Professional Mentor does not meet the qualifications, the application will be declined.**

- One-Two paragraphs: Approximately 200 words

3) Chapter Preparation: How prepared is your chapter to implement this project (e.g. training, organization, committees, roles, fundraising)?

- One-Two paragraphs: Approximately 100 words

4) Cultural Training: How will you ensure that your project planning includes the participation of the community? How will your team members prepare for any intercultural experiences that will come about through the course of this project?

- One-Two paragraphs: Approximately 100 words

5) Health and Safety Officer (2 required): The project Health and Safety Officer is responsible for planning and implementing the health and safety practices on the project. Two Health and Safety Officers must travel on each trip. Who will be your Health and Safety Officers and what are their qualifications?

- One-Two paragraphs: Approximately 75 words

6) Language and Translation: What languages are spoken in and around the project area? How do you propose to work effectively given language differences between the project team and community? Will you hire a local translator or will someone on your team be able to translate? Is anyone on your project team from the project area?

- One-Two paragraphs: Approximately 75 words

7) Education Lead: EWB-USA requires that community members are trained in unfamiliar implemented technologies. Who will be responsible for developing the education materials and for leading the education for the community? What are his or her qualifications for this role?

- One-Two paragraphs: Approximately 75 words

8) Community Health Assessment Lead: EWB-USA requires that each project includes a community health assessment. Do you have health professionals or students studying health (e.g. public health, nursing, medicine) on your project team that can help with this type of assessment and support your project? If not, how do you propose to carry out this health assessment?

- One-Two paragraphs: Approximately 75 words

C.3) Project Sustainability

In an effort to ensure that the proposed project is maintained and continues to serve the community long after the EWB-USA Program is complete, issues of sustainability must be addressed by the chapter.

- 1) Capacity Training: What training of local community members will be required in order to maintain and/or repair the project? What specific educational training will be offered? Will verbal or written translation be needed for this education? Who will be translating? If written materials are proposed, in what language will they be offered? Do you have information on the community's literacy level? Would pictorial materials be more appropriate?

- 2) Project Maintenance and Repairs: What is the estimated cost of project maintenance? Can the community realistically be expected to cover these costs? What components could potentially malfunction and require repair? What will these repairs cost? Are the repair materials readily available locally?

- 3) Project Resolution: How will the community be participating in project planning? What measures will be taken to ensure that the project remains operational? How will local project facilitators manage the project?

SECTION D: SIGNATURE & PICTURES

1) Additional Information: Please add any other information you think is relevant to this Program/project.

- One-Two paragraphs: Approximately 200 words maximum

2) Please add pictures that may be helpful to understand the project.

- **Please add pictures as JPEG files**
- WE WILL NOT ACCEPT PROJECT APPLICATION FILES THAT ARE OVER **2MB**.
 - (To add a picture as a jpeg, go to Edit → Paste Special, and choose “Picture (jpeg)”)





3) Please sign and date this form: see next page

XXXXXX

9/20/2011

Signature

Date

XXXXXX

XXXXX

Printed Name

E-mail Address

4) Please submit this form electronically to projects@ewb-usa.org: