

## Basic Information

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**Grant title**

Securing Clean Water in Lebanese Public Schools

**Type of Project**

**Humanitarian Project**

Address community needs and produce sustainable, measurable outcomes

**Primary Contacts**

Name	Club	District	Sponsor	Role
Mario Nasard	Baabda	2452	Club	Host
Pamela Ray	Kernersville	7690	Club	International

## Committee Members

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**Host committee**

Name	Club	District	Role
Nazih Ghattas	Baabda	2452	Secondary Contact
Ramy Mahmoud	Baabda	2452	Secondary Contact

**International committee**

Name	Club	District	Role
John Wolfe	Kernersville	7690	Secondary Contact International
Henry Parker	Kernersville	7690	Secondary Contact International

**Do any of these committee members have potential conflicts of interest?**

No

## Project Overview

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**Tell us a little about your project. What are the main objectives of the project, and who will benefit from it?**

This Global Grant's objectives are:

- 1- To provide safe clean drinking water to 25 public schools in several regions in Lebanon
- 2- To create awareness among the population of students, parents and faculty on the importance of clean water in personal hygiene and disease prevention

## Areas of Focus

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**Which area of focus will this project support?**

Water, sanitation, and hygiene

## Measuring Success

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Water, sanitation, and hygiene

**Which goals will your activity support?**

Facilitating universal and equitable access to safe and affordable drinking water; Improving community hygiene knowledge, behaviors, and practices that help prevent the spread of disease;

**How will you measure your project's impact? You need to include at least one standardized measure from the drop-down menu as part of your application.**

Measure	Collection Method	Frequency	Beneficiaries
Number of people with access to improved sources of drinking water	Direct observation	Every three months	2500+

**Do you know who will collect information for monitoring and evaluation?**

No

**Please tell us how you plan to find a person or organization to complete this task.**

Members of the clubs will be doing pre & post implementation visits to the schools.

## Location and Dates

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Humanitarian Project

**Where will your project take place?****City or town**

Greater Beirut area and rural villages in Lebanon

**Country**

Lebanon

**When will your project take place?**

2017-04-03 to 2017-11-01

**Province or state**

Schools in poor neighborhoods

## Participants

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**Partners (Optional)****List any other partners that will participate in this project.**

The host Rotarians will visit the schools, meet with the schools principals, inspect the water facilities to identify their needs

and coordinate with them the installation of new water installations including water filters. They will visit the schools

regularly after project completion to ensure that the water filtration systems are properly maintained.

Rotarian and Rotaract volunteers will organize training sessions on hygiene and sanitation at the schools for the students,

parents, and faculty.

### Rotarian Participants

**Describe the role that host Rotarians will have in this project.**

We organize the logistics of the process. Rotarians visited the Minister of Education and Environment, that issued special decrees allowing schools to spend money on the maintenance and changing the filters' cartridges of these systems (#49).

Rotarians will visit the schools, before and after the installation process and a plaque mentioning the name of Rotary and

other and donors. Purchase the systems and make sure that they are up to the world standards, according to the technical standards.

All components will be EC,GS, American or Canadian Standards.

**Describe the role that international Rotarians will have in this project.**

The international Rotarians will provide technical advice and assistance, when needed. They will also visit the project country to inspect the new water filtration systems and will be kept involved throughout the project execution to

ensure transparency and stewardship of the project.

## Budget

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**What local currency are you using in your project's budget?**

The currency you select should be what you use for a majority of the project's expenses.

**What is the budget for this grant?**

List each item in your project's budget. Remember that the project's total budget must equal its total funding, which will be calculated in step 9. Every global grant includes a match of at least \$15,000 from The Rotary Foundation's World Fund. Project budgets, including the World Fund match, must be at least \$30,000.

#	Category	Description	Supplier	Cost in USD	Cost in USD
1	Equipment	Water tank, pipes, faucets, water filters, UV light, water pumps,	Several Suppliers	73365	73365
Total budget:				73365	73365

**Supporting Documents**

- GG1745217\_Clearsource\_proformas\_20170513a.pdf
- V\_1\_GG1745217\_Clearsource\_proformas\_20170513a.pdf

**Funding**

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**Tell us about the funding you've secured for your project. We'll use the information you enter here to calculate your maximum possible funding match from the World Fund.**

#	Source	Details	Amount (USD)	Support*	Total
1	Cash from Club	Kernersville	2,618.00	130.90	2,748.90
2	Cash from Club	Clemmons	238.00	11.90	249.90
3	Cash from Club	High Point	570.00	28.50	598.50
4	Cash from Club	Sandhills (Southern Pines), The	238.00	11.90	249.90
5	District Designated Fund (DDF)	7690	5,569.00	0.00	5,569.00
6	Cash from Club	E-Club of District 5280-Los Angeles Cedars	3,000.00	150.00	3,150.00
7	District Designated Fund (DDF)	5280	7,000.00	0.00	7,000.00
8	District Designated Fund (DDF)	4420	2,800.00	0.00	2,800.00
9	Cash from Club	Baabda	4,016.00	200.80	4,216.80
10	Cash from Club	Aley West	1,500.00	75.00	1,575.00
11	District Designated Fund (DDF)	2452	2,500.00	0.00	2,500.00
12	Cash from Club	Elmshorn	1,000.00	0.00	1,000.00
13	Cash from Club	Yadkinville	1,905.00	95.25	2,000.25
14	Cash from Club	Beirut Center	10,000.00	500.00	10,500.00

\*Whenever cash is contributed to the Foundation to help fund a global grant project, an additional 5 percent is applied to help cover the cost of processing these funds. Clubs and districts can receive Paul Harris Fellow recognition points for the additional expense.

### How much World Fund money would you like to use on this project?

You may request up to 30,412.00 USD from the World Fund.

30411

### Funding Summary

<b>DDF contributions:</b>	17,869.00
<b>Cash contributions:</b>	25,085.00
<b>Financing subtotal (matched contributions + World Fund):</b>	73,365.00
<b>Total funding:</b>	73,365.00
<b>Total budget:</b>	73,365.00

## Humanitarian Projects

### Project planning

#### **Describe the community needs that your project will address.**

The water public sector system in Lebanon in general, is inefficient and old. The piping system is mostly corrupted, causing many dangers. Water entering the pipe system may get contaminated at any stage and at any minute.

Sewage pipes and Water pipes pass through the same channels in Lebanon, the corruption occurring in the water pipes are increasing the risk of water contamination.

Public Schools in Lebanon host the poorest of its citizens. Although, water systems are available in all these schools, because of what was mentioned above that this water is polluted; and since the chlorination of water is inconsistent, water Filtration Systems are a serious and timely necessity.

Before system installation of these systems we go through water analysis identifying the total solids and the pathogens existing in the water system. Some schools have experienced poisoning of water in different areas, last one was in Tripoli were 40 children were hospitalized.

#### **How did your project team identify these needs?**

The water public sector system in Lebanon in general, is inefficient and old. The piping system is mostly corrupted, causing many dangers. Water entering the pipe system may get contaminated at any stage and at any minute. Sewage pipes and Water pipes pass through the same channels in Lebanon, the corruption occurring in the water pipes are increasing the risk of water contamination.

#### **How were members of the benefiting community involved in finding solutions?**

Public Schools in Lebanon host the poorest of its citizens. Although, water systems are available in all these schools, because of what was mentioned above that this water is polluted; and since the chlorination of water is inconsistent, water Filtration Systems are a serious and timely necessity.

Before system installation of these systems we go through water analysis identifying the total solids and the pathogens existing in the water system. Some schools have experienced poisoning of water in different areas, last one was in Tripoli were 40 children were hospitalized.

#### **How were community members involved in planning the project?**

This project was initiated a couple of years ago, and it has been since then supported by the Ministry of Education in Lebanon, as well as the school principals and the parents of the school children, until it became a national initiative by Rotary Lebanon to provide all 1300 public schools in Lebanon with water filtration systems.

### Project implementation

#### **Summarize each step of your project's implementation.**

Do not include sensitive personal data, such as government ID numbers, religion, race, health information, etc. If you include personal data, you are responsible for informing those whose personal data is included that you are providing it to Rotary and that it will be processed in accordance with Rotary's [Privacy Policy](#).

#	Activity	Duration
1	Identify the schools	3 weeks
2	Order equipment	3 weeks
3	Install filters and accessories	4 weeks
4	Testing and commissions	2 weeks
5	Train schools' health coordinators on hygiene and sanitation	6 weeks
6	order and installation of 25 plaques in the schools	--

### Will you work in coordination with any related initiatives in the community?

Yes

### Briefly describe the other initiatives and how they relate to this project.

We will be working with the municipalities covering each geographical area (where the schools are located).

### Please describe the training, community outreach, or educational programs this project will include.

After taking the project "Securing Clean Water in Public Schools" as a Mega Project, we discovered a huge need of implementing "Water, Sanitation and Hygiene in Schools" (WinS), fulfilling every child's right to basic drinking water, toilet facilities and hygiene in an enabling environment promoting behavior changes keeping with the consent of Right to Education.

The importance of this project, can be comprehended when you know that WASH in Schools is the trigger for transforming a community, since:

- Schools are the focal point for health, education and hygiene
- Children can be change agents for an entire community
- Schools can be the "Learning Centre" for hand washing and personal hygiene
- Better personal practices will spread to the household
- School health clubs can be catalysts for community sanitation improvement
- Literacy and numeracy are key to economic self-sufficiency

Our project, with all of its parts, is supporting two of the United Nations' Sustainable Development Goals:

- Ensure inclusive and equitable quality education for all.
- Ensure universal access to water and sanitation for all, forever.

How are we doing it?

We are holding trainings in each area, where the first to be trained are the teachers, school management committees, and all the support staff in the schools.

They attend a training of trainers seminar organized by the Rotary Clubs and facilitated by a public health specialists that the water committee hired for these missions.

After training the teachers we ensure that the teachers are on board with the program and also in a position to continue passing on the knowledge to the pupils and other parents even long after the WinS program ends.

The pupils are then trained on proper hand-washing, safe and proper toilet use, proper hand-washing and bathing.

### How were these needs identified?

The water currently available in all Public schools in Lebanon is polluted and not fit for human consumption resulting in a number of sicknesses and diseases affecting the performance of schools' students (absenteeism, concentration, sicknesses...)

All these needs were identified after many toxic accidents in lots of public schools in Lebanon that host the poorest of its citizens.

Rotary Clubs in Lebanon got the list of all public schools in the area and did some visits to these schools then we conducted discussions with principals and parents. Meetings were also organized with Lebanese Education Minister and Lebanese Public Health Minister to assess the exact problems and needs for these public schools and discovered the immediate need for new water filtration systems.

Our Survey study shows that Lebanon possess four main types of water, other than Rain:

-Hard waters (dissolved Calcium & Magnesium) along the hills extended above the coast.

-High saline waters ( high TDS) mainly along the coast

-Fertilized waters ( high dissolved Nitrate) inland – in the Beka'a valley

-Spring waters (low salinity waters) mainly in the mountains

Most Municipality Chlorinated waters reaching our homes, schools and hospitals are treated (full or partial); still they are

not up to W.H.O. Potable water standards due to:

- Old corroded piping networks in most buildings.
- Old corroded galvanized steel collection tanks, or non corroded tanks with tops left open to dirty surroundings.
- Shallow contaminated wells.
- Domestic waste water injection back in the ground / flood of nearby septic tanks.

**What incentives (for example, monetary compensation, awards, certification, or publicity), will you use, if any, to encourage community members to participate in the project?**

Certifications and Figuration Events.

**List any community members or community groups that will oversee the continuation of the project after grant-funded activities conclude.**

Parents' Committees & Municipalities

Budget

**Will you purchase budget items from local vendors?**

Yes

**Explain the process you used to select vendors.**

After doing the assessment stage of each school.

we sent the list of needs for each school to 3 suppliers.

The supplier that presented the lowest rates with required quality, was the chosen one.

**Did you use competitive bidding to select vendors?**

Yes

**Please provide an operations and maintenance plan for the equipment or materials you anticipate purchasing for this project. This plan should include who will operate and maintain the equipment and how they will be trained.**

To insure the sustainability of the project, many training are planned for teachers, administration and children:

Leaflets in Arabic and English with simplified diagrams shall be distributed when our team moves to a nominated site.

Administrative personnel and teachers shall receive a comprehensive training program by the Rotarians and the supplier when installation is done.

Preventive maintenance program will follow thereafter.

Suppliers of equipment will train school maintenance crew on changing filters cartridges periodically.

Rotaractors and Rotarians will be trained by World Vision to educate parents, teachers and children on the importance of clean water and hygiene.



On the other hand, teachers will provide periodically training on clean water and how to sustain water ecologically to the children and a good way is to integrate this training into their curriculum. Rotary Clubs designed a survey that will be distributed to the schools asking them to fill it every 3 months. This survey will show and monitor the changes that are happening to students concerning the attendance, awareness, exams results, parents' cooperation...

**Describe how community members will maintain the equipment after grant-funded activities conclude. Will replacement parts be available?**

Once the equipment are installed, tested and operational, the first year is covered by a warranty. After that, the spare parts are available and the vendor has a good after sales service record.

**If the grant will be used to purchase any equipment, will the equipment be culturally appropriate and conform to the community's technology standards?**

Yes

**Please explain.**

The equipment are user-friendly.  
Not much of knowledge in technology is needed.

**After the project is completed, who will own the items purchased by grant funds? No items may be owned by a Rotary district, club, or member.**

The schools will own the purchased equipment and accessories  
FINANCING

Funding

**Does your project involve microcredit activities?**

n/a

**Have you found a local funding source to sustain project outcomes for the long term?**

No

**Will any part of the project generate income for ongoing project funding? If yes, please explain.**

No. Schools will maintain the water system by its own yearly budget.

## Authorizations

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### Authorizations & Legal Agreements

#### Legal agreement

Global Grant Agreement

I confirm and agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate.

2. We have read the Terms and Conditions for Rotary Foundation District Grants and Global Grants ("Terms and Conditions") and will adhere to all policies therein.
3. The grant sponsors ("Sponsors") shall defend, indemnify, and hold harmless Rotary International (RI) and The Rotary Foundation (TRF), including their directors, trustees, officers, committees, employees, agents, associate foundations and representatives (collectively "RI/TRF"), from and against all claims, including but not limited to claims of subrogation, demands, actions, damages, losses, costs, liabilities, expenses (including reasonable attorney's fees and other legal expenses), awards, judgments, and fines asserted against or recovered from RI/TRF arising out of any act, conduct, omission, negligence, misconduct, or unlawful act (or act contrary to any applicable governmental order or regulation) resulting directly or indirectly from a Sponsor's and/or participant's involvement in grant-funded activities, including all travel related to the grant.
4. The failure of the parties to comply with the terms of this Agreement due to an act of God, strike, war, fire, riot, civil unrest, hurricane, earthquake, or other natural disasters, acts of public enemies, curtailment of transportation facilities, political upheavals, acts of terrorism, or any similar cause beyond the control of the parties shall not be deemed a breach of this Agreement. In such an event, the Agreement shall be deemed terminated and the Sponsors shall refund all unexpended global grant funds within 30 days of termination.
5. TRF's entire responsibility is expressly limited to payment of the total financing amount. TRF does not assume any further responsibility in connection with this grant.
6. TRF reserves the right to cancel the grant and/or this Agreement without notice upon the failure of either or both of the Sponsors to abide by the terms set forth in this Agreement and the Terms and Conditions. Upon cancellation, TRF shall be entitled to a refund of any global grant funds, including any interest earned, that have not been expended.
7. The laws of the State of Illinois, USA, without reference to its conflicts of laws principles, shall govern all matters arising out of or relating to this Agreement, including, without limitation, its interpretation, construction, performance, and enforcement.
8. Any legal action brought by either party against the other party arising out of or relating to this Agreement must be brought in either, the Circuit Court of Cook County, State of Illinois, USA or the Federal District Court for the Northern District of Illinois, USA. Each party consents to the exclusive jurisdiction of these courts, and their respective appellate courts for the purpose of such actions. Nothing herein prohibits a party that obtains a judgment in either of the designated courts from enforcing the judgment in any other court. Notwithstanding the foregoing, TRF may also bring legal action against Sponsors and/or individuals traveling on grant funds in any court with jurisdiction over them.
9. This Agreement binds and benefits the parties and their respective administrators, legal representatives, and permitted successors and assigns.
10. If any provision of this Agreement is determined to be illegal, invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect.
11. Sponsors may not assign any of its rights under this Agreement except with the prior written consent of TRF. Sponsors may not delegate any performance under this Agreement without the prior written consent of TRF. Any purported assignment of a Sponsor's rights or delegation of performance without TRF's prior written consent is void.
12. TRF may assign some or all of its rights under this Agreement to an associate foundation of TRF. TRF may delegate any performance under this Agreement to an associate foundation. Any other purported assignment of TRF's rights or delegation of performance without the Sponsors' prior written consent is void.
13. Sponsors will comply with all economic and trade sanctions, including those implemented by the Office of Foreign Assets Control (OFAC) of the United States Department of Treasury, and will ensure that they do not support or promote violence, terrorist activity or related training, or money laundering.
14. This Agreement constitutes the final agreement between the parties. No amendment or waiver of any

provision of this Agreement shall be effective unless it is in the form of a writing signed by the parties.

15. Rotary International (RI) and TRF may use information contained in this application and subsequent reports to promote the activities by various means such as The Rotarian, Rotary Leader, rotary.org, etc. Unless indicated otherwise in writing, by submission of the photos, the parties hereby grant to RI and TRF the worldwide right to publish and use the photos, including but not limited to, in RI and TRF publications, advertisements, and Web sites and on social media channels and to license use to others, including, but not limited to, media outlets and its partners and through RI's online image database, for the purposes of promoting Rotary. By submitting the photos, the parties represent and warrant that all persons appearing in the photos have given their unrestricted written consent to use their likenesses and to license use to third parties.

16. The Sponsors agree to share information on best practices when asked, and TRF may provide their contact information to other Rotarians who may wish advice on implementing similar activities.

17. The Sponsors will ensure that all individuals traveling on grant funds have been informed of the travel policies stated in the Terms and Conditions and have been made aware that they are responsible for obtaining travel insurance.

### **Primary contact authorizations**

#### Application Authorization

By submitting this global grant application, we agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate, and we intend to implement the activities as presented in this application.
2. The club/district agrees to undertake these activities as a club/district.
3. We will ensure all cash contributions (as detailed in the grant financing) will be forwarded to The Rotary Foundation (TRF) or sent directly to the global grant bank account after Trustee approval of the grant.
4. Rotary International (RI) and TRF may use information contained in this application to promote the activities by various means such as The Rotarian, the RI international convention, RVM: The Rotarian Video Magazine, etc.
5. We agree to share information on best practices when asked, and TRF may provide our contact information to other Rotarians who may wish advice on implementing similar activities.
6. To the best of our knowledge and belief, except as disclosed herewith, neither we nor any person with whom we have or had a personal or business relationship are engaged, or intend to engage, in benefiting from TRF grant funds or have any interest that may represent a potential competing or conflicting interest. A conflict of interest is defined as a situation in which a Rotarian, in relationship to an outside organization, is in a position to influence the spending of TRF grant funds, or influence decisions in ways that could lead directly or indirectly to financial gain for the Rotarian, a business colleague, or his or her family, or give improper advantage to others to the detriment of TRF.

### All Authorizations & Legal Agreements Summary

#### **Primary contact authorizations**

Name	Club	District	Status	
Mario Nasard	Baabda	2452	Authorized	Authorized on 29/05/2017
Pamela Ray	Kernersville	7690	Authorized	Authorized on 30/05/2017

### District Rotary Foundation chair authorization

Name	Club	District	Status	
Jamil Mouawad	Zgharta-Zawié	2452	Authorized	Authorized on 01/06/2017
Kathryn Billings	Greensboro Airport	7690	Authorized	Authorized on 30/05/2017

### DDF authorization

Name	Club	District	Status	
Kathryn Billings	Greensboro Airport	7690	Authorized	Authorized on 30/05/2017
Jonathan Spillman	Guilford (Greensboro)	7690	Authorized	Authorized on 30/05/2017
Dong Jin Sun	Korea Town-Los Angeles	5280	Authorized	Authorized on 30/05/2017
Gregory O'Brien	Palos Verdes Peninsula	5280	Authorized	Authorized on 29/05/2017
Marcos Franco	Santos-Oeste	4420	Authorized	Authorized on 30/11/2016
Ronaldo Varella	Santos-Porto	4420	Authorized	Authorized on 01/12/2016
Jamil Mouawad	Zgharta-Zawié	2452	Authorized	Authorized on 01/06/2017
Saeed Bin Belaila	Dubai	2452	Authorized	Authorized on 01/06/2017

### Legal agreement

<b>Name</b>	<b>Club</b>	<b>District</b>	<b>Status</b>	
Nazih Ghattas	Baabda	2452	Accepted	Accepted on 31/05/2017
John Wolfe	Kernersville	7690	Accepted	Accepted on 30/05/2017