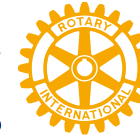


Rotary  
District 2452



Water, Sanitation, Hygiene & Peace  
PRESIDENTIAL PEACEBUILDING CONFERENCE  
BEIRUT-LEBANON, 16-17.02.2018



# ROTARY WATER FILTRATION PROJECT

THE THINGS THAT ARE  
**WORTHWHILE TAKE**  
**TIME,** AND IT IS NOT THE  
I'S OF THE WORLD BUT  
THE **WE'S WHO ACHIEVE**

# About Us

1.2 M MEMBERS IN THE WORLD

**Rotary** is a volunteer organization of 1.2 million business and professional leaders in more than 200 countries, united to provide humanitarian service and help build goodwill and peace throughout the world. In Lebanon, there are 27 clubs and 400 members.

It has been Rotary's mission to invest in meaningful and innovative projects worldwide, and in Lebanon specifically, **"Securing Water Filtration Systems for Public Schools in Lebanon"** has been identified as a Mega project aiming to encourage cross-cultural understanding, fellowship, peace and goodwill.

### PROBLEM'S BACKGROUND

The United Nations Development Program (UNDP) recognizes the need for clean water as a global priority, since 1 billion person do not have access to safe water and children are particularly vulnerable to the dangers of unsafe water

### Dangers Associated with unclean Water

- Diarrhea, which can lead to dehydration, malnutrition and possible death.
- Infectious skin diseases such as scabies
- Eye infections such as trachoma, which can lead to blindness
- Increases the spread of potentially fatal respiratory illnesses such as pneumonia
- Hepatitis & Typhoid
- Endoparasites such as flatworms, roundworms and flukes

### PROBLEMS IN SCHOOLS



Water in Lebanon is not scarce but due to poor management and governmental lack of funds, all **1500 public schools** in Lebanon are either **poorly equipped** or not equipped at all with water tanks and water ltration systems.

### IMPORTANCE AND POSITIVE IMPACTS OF FILTERED WATER



# of schools

1200



# of achieved schools

780



# of remaining schools

420



Average cost of a school

3200

- Reduces littering and pollution by removing need for plastic containers
- Removes microscopic impurities (dirt, rust, sand, silt)
- Removes bad taste, odors and color
- Reduces chlorine (found in most municipal systems)
- Eliminates Bacterial contamination
- Reduces diseases among children (better physical health) •
- Parents benefit from: Eliminating the need for children to carry water bottles and healthy children: Reduction of health-care costs

# Main Objective

- 1

**Clean Drinking Water**  
"Our objective is not to leave any public school in Lebanon deprived of clean drinking water. This is not an option, this is a necessity. Every student has the right to drink clean water."
- 2

**Better Education**  
It goes without saying that clean drinking water leads to less diseases, healthier students, and consequently, better education.
- 3

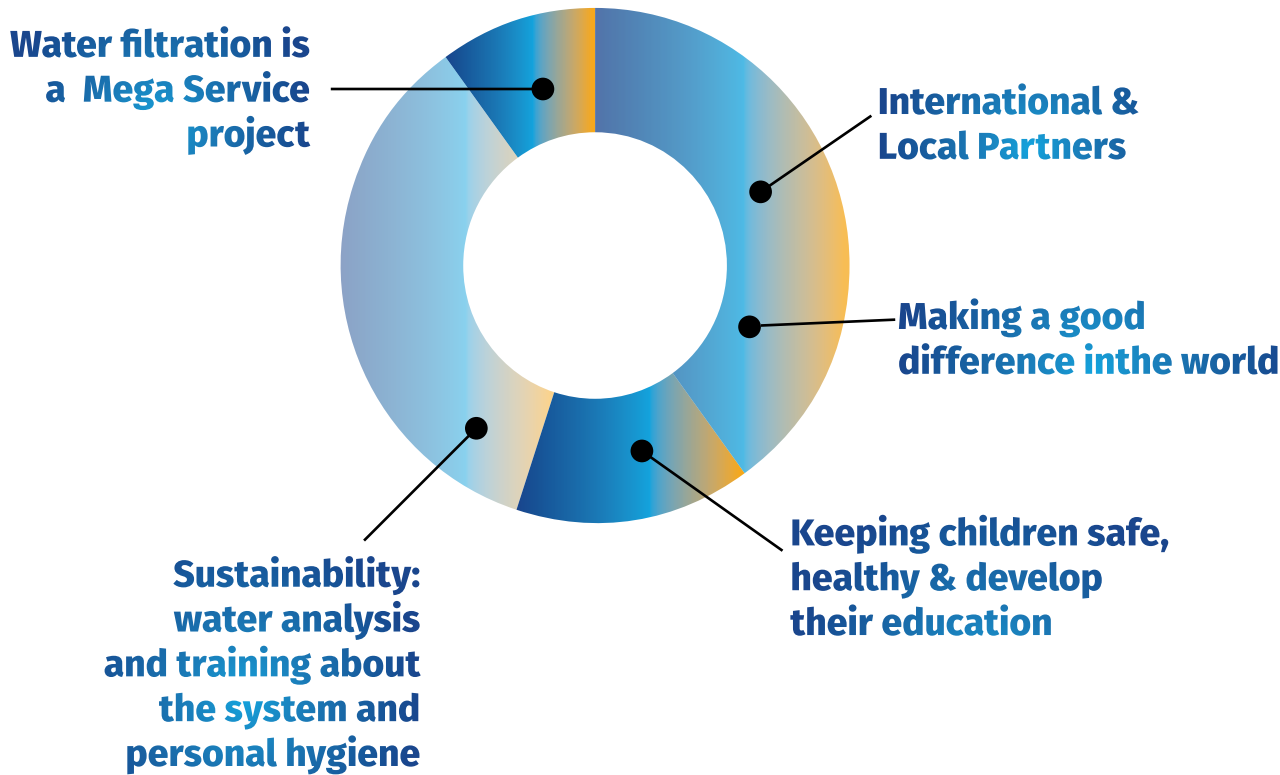
**Positive Impact on Humanity**  
The bigger the challenge, the greater its positive impact on humanity. That is the reason why we, Rotarians, always dare the impossible to ensure getting the possible..." District Governor Jamil Mouawad

3 M FANS ON FACEBOOK

1.1 M NEW CLIENTS

5.7 M NEW SERVERS

# Why Choose To Support Us



# Sustainability: Water analysis and Training

Clubs purchase equipment from local sources using strict Technical Guidelines, insuring spare parts availability.

Boecker and the UN agencies will train school personnel on personal hygiene, consuming clean water,

Maintenance Control Team from Rotary will follow up on the maintenance & changing cartridges, while insuring Sustainability Guidelines application is being updated.

- "Water in The Environment"- One of the workshops was held with Notre Dame University where we published a booklet entitled "Water in the Environment" which as written by Dr. Fadi Comair. The booklet included useful and valued information about various subjects concerning this vital source. Trainers from Greece came to Beirut, just to present training and educational techniques to teachers and principals on the importance of drinking clean water and personal hygiene.
- MOU Between Municipalities and Rotary Clubs - Pilot Project: Rotary club of Zgharta Zawieh. After signing the MOU between RC Zgharta Zawieh & Municipality of Zgharta-Ehden an awareness session took place in Zgharta for the principles and tutors in the schools that received the water filtration system. WASH training session included interesting and needed materials, like: How to Wash our Hands? How many times should we shower? How many times should we change the water filters? How can we change it? and many other subjects that drew everyone's attention.

# Wash In Schools



## Access to sufficient quantities of safe water for:

Drinking  
Handwashing after defecation and before eating,  
for cooking and personal hygiene



## Hygiene promotion and education:

Child cabinets, posters, wall-painting, messaging,  
events and competitions, community and  
household linkages  
Promote personal hygiene and school hygiene  
especially individual and group handwashing,  
nutritional supplements



## Sufficient for:

Cleaning school premises  
Cleaning/flushing toilets  
Cleaning food vessels (used for Mid Day meals)



## Toilet facilities that are:

Gender-specific (i.e. separate for boys and girls), sufficient, child-friendly,  
adequate, well-equipped, well-maintained and culturally appropriate



# The Essential Elements of WinS

**Five Key Benefits of WASH in Schools**

1. Healthy & protective school environment minimizing risk of disease, abuse & exclusion.

2. Brings pride and commitment among children by enabling them to become agents of change

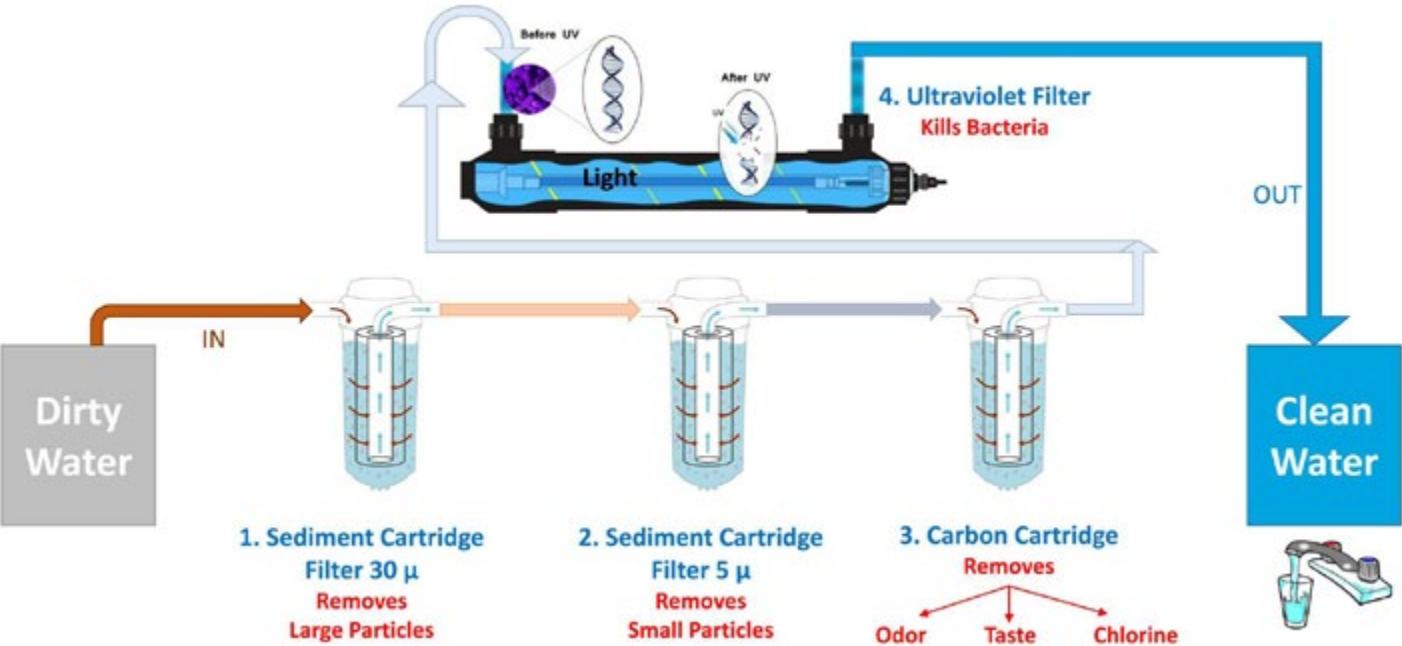
3. Investment in the health and well-being of future generations.

4. Promotes gender equity leading to higher girls' school attendance & retention.

5. Discourages habit of defecation in open

# What Is Being Installed

Pump1  
Pipe1  
Pipe Link1  
Water Ball  
Water Tank  
Lock Tap  
Pipe2  
Pipe link2  
Metalic Box  
Filter 30Microm  
Filter 5/1 Microm  
Filter Carbon  
UV  
UPS  
Pump2  
Pipe3  
Pipe Link 3  
Fixed Pipe  
Taps  
Bricks  
Cement  
Sand  
Gravels  
Plastic pipe 2inch  
Regar  
Electric Wire



3200 \$ COST PER SCHOOL



# Before





# After









**ACCESS TO CLEAN  
& SAFE WATER IN  
ADEQUATE QUANTITIES &  
REASONABLE STANDARDS  
OF SANITATION, IS A  
HUMAN RIGHT!**



# Inauguration Event with Prime Minister Najib Mikati for the Schools of Tripoli





# Beneficiaries

Students, teachers & workers in public schools will benefit directly from the Global grant.

Students may also take bottles of clean drinking water to their homes, on daily bases, for the ones who do not have drinking water at home. Due to the situation in Syria and the huge number of refugees living in Lebanon, and following a decision by the ministry of education to include an afternoon program for these refugees in Lebanese Public Schools, this project is also reaching out to these refugees and their families.





# Rotary Water Project

## List of Contributors & Donors

Contributor	Amount USD
The Rotary Foundation (Via Global Grants)	322,000,00
HSBC Bank (3 yearly payments of 150,000\$)	450,000,00
HSBC Bank (Sustainability Contribution)	100,000,00
Dar Al Handasa (Private Institution)	150,000,00
Hyundai - Centruty Motor COmpany	20,000,00
Regional Fundrasing Events	135,000,00
Al Azem Wal Saadah FOundation (NGO)	100,000,00
District 1730 (Via Global Grant)	60,000,00

Contributor	Amount USD
Districts in USA	50,000,00
Talal Makdissi Foundation (NGO)	50,000,00
Neemat Frem Foundation (NGO)	40,000,00
Individuals' Contributions	50,000,00
Semaan Foundation	10,000,00
Boecker	5,000
General Electric - UAE	14,975
Lebanese Clubs (National & Global Grants)	120,000,00
Local Fundrasing Events	100,000,00
Total	1,556,975,00

# Presidential Peacebuilding Conference

Water, Sanitation, Hygiene & Peace  
PRESIDENTIAL PEACEBUILDING CONFERENCE  
BEIRUT- LEBANON, 16-17.02



Rotary President **Ian Riseley** selected **Lebanon** to hold the "**Water, Sanitation, and Hygiene Presidential Peacebuilding Conference**" because of the importance and huge impact to the Community of the Lebanese Mega Project for "Securing Clean Drinking Water in Lebanese Public Schools".

The Conference will be held under the auspices of the **President of the Lebanese Republic, General Michel Aoun** at the Phoenicia Hotel, Beirut; on Friday, 16 February 2018 at 18:00, followed by a full day seminar on Saturday, 17 February and the program features prominent and expert speakers in the field of Water and Peacebuilding. We close with departures and optional sightseeing on Sunday, 18 February.

Rotary Lebanon Club's Project  
"Securing Clean Drinking Water in  
Lebanese Public Schools"

Almost one and a half year ago the Rotary Clubs of Lebanon kicked off with the project "Securing Clean Drinking Water in Lebanese Public Schools". The objective of this project is to Provide Water Filtration Systems to all Public Schools in Lebanon.

Due to the existing corroded water pipes, the nearby sewage pipes, the inefficiency of water treatment on a governmental level and cuts in electricity causing back pressure, schools do not receive clean water. High microbial count and the presence of enteric bacteria are proof of water contamination. Efficient water filtration systems can reverse the equation and provide potable water to Lebanese public schools. In order to offer full benefits to the students and school personnel, paying special attention to sustainability will be an integral part of this project.

It is essential to train the trainers on maintaining the system, changing cartridges and UV lamps, as well as on spreading awareness of the importance of drinking clean water, cleaning hands and using water efficiently. All of these items will be essential to the project.

The main beneficiaries are students, teachers, school administrators and personnel, and in some schools, the Syrian refugee students who come to attend a second shift of dedicated afternoon courses.

To have more impact on the community and in order to give full actual benefit, we are also spreading awareness on the importance of:

1. **Consuming and Using Clean Water**
2. **Conserving water in our daily life**
3. **Maintaining the Personal hygiene and how it effects each one's health**

These goals are being met through TV Commercials, Print works, social media messages, how-to showings, and interactive workshops with the students in each area in Lebanon. The water project workshops are being handled by specialists in this field and in collaboration with the Education and Health Ministries. One of the workshops was held with Notre Dame University where we published a booklet entitled "Water in the Environment" which as written by Dr. Fadi Comair. The booklet included useful and valued information about various subjects concerning this vital source.

## Conference Goals

The conference goals are threefold:

- To create governmental and public awareness
- To flag the importance of water as a source of wealth
- Recommendations for a total water concept

These goals will be met through the following panels:

- Water problem in the world & Middle East & importance of clean water
- Success stories on the international scene and the project "Securing Clean Drinking Water in Lebanese Public Schools"
- How public health issues serve as both a consequence and a cause of conflict.
- Explore the intersection of health and security, along with the Rotary family's ability to shape policy and organize projects for lasting change.

- Literacy, Education & Understanding with its effects on Economic & Community Development & Peace
- Parallel Break Out Sessions will be training session for headmasters and responsible personnel of WF in public schools, about: Clean water and illnesses associated with unfiltered water, Technical presentation of water filtration systems, Sustainability of water filtration systems sanitation and Hygiene, Installing water filtration systems in public schools in different Areas of Lebanon and its effect on promoting Peace within the different Lebanese factions.



# Testimonials

## كلمة مدير عام وزارة التربية والتعليم العالي الأستاذ فادي يرق

«...ان هذا الامر استدعى تدخلا مشكورا من جانب اندية روتاري الكريمة التي باشرت بمشروع توفير خزانات جديدة ونظيفة مع فلاتر وتمديدات ومشارب جديدة ونظيفة، وتم تنفيذ المشروع في العديد من المدارس الرسمية، وان اندية روتاري قامت بانشطة عديدة جمعت في خلالها الهبات والتبرعات لخدمة هذا الهدف النبيل الذي قامت ولا تزال تقوم بتنفيذه تباعا في المدارس الرسمية، وقد احدث هذا الامر فرقا اساسيا في الحياة المدرسية التي تحتاج الى تجهيزات ولوازم عديدة الى جانب المياه النظيفة».

"ان مبادرة الروتاري هي مبادرة عظيمة نقدرها ونفخر بها، فهي نموذج لمشاركة المجتمع المدني الراقي في تحمل عبء المدرسة الرسمية وهو تطبيق واضح لقانون البلديات الذي يؤكد ان التعليم الرسمي هو مسؤولية مشتركة بين الدولة ومؤسسات المجتمع والبلديات".

 Notifications  

**Michel Moawad** @michelmoawad 8h  
Even if they do not learn we definitely thank the #Rotary clubs for what they're doing for the #children of #Lebanon

**Ron Farra** @RonFarra  
@michelmoawad Will #Lebanese ...

**Michel Moawad** favorited  
@michelmoawad Will #Lebanese Ministers learn to say THANK YOU? >1Million\$ spent by Lebanese #Rotary clubs 2 filter water inpublicschools

 Notifications  

**Ziyad Baroud** favorited  
@ZiyadBaroud Will #Lebanese Ministers learn to say THANK YOU? >1Million\$ spent by Lebanese #Rotary clubs 2 filter water inpublicschools

 **Jamil Mouawad** added a new video.  
December 22, 2015 · 🌐 ▼

Keep Singing and Save Water! From the Water Filtration for Lebanese Public Schools - Rotary Lebanon project.

WATER is the essence of life. We should preserve it!



13K Views

👍 Like    💬 Comment    ➦ Share    💧 ▼

George Mitri Azar, Azzat M. Nehme, Salim Moawad and 83 others like this.

150 shares

To view this ad please click on: <https://www.facebook.com/rotarywaterfiltration/videos/1004286232965584/>

TOGETHER  
WE CAN  
MAKE THE  
CHANGE





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