

Wasser – Startups im Libanon

Rot. André Marti, RC Willisau



Wasser – ein globales Problem



80% des Abwassers wird nicht geklärt



2,4 Mia. Menschen ohne Zugang zu hygienischen Toiletten

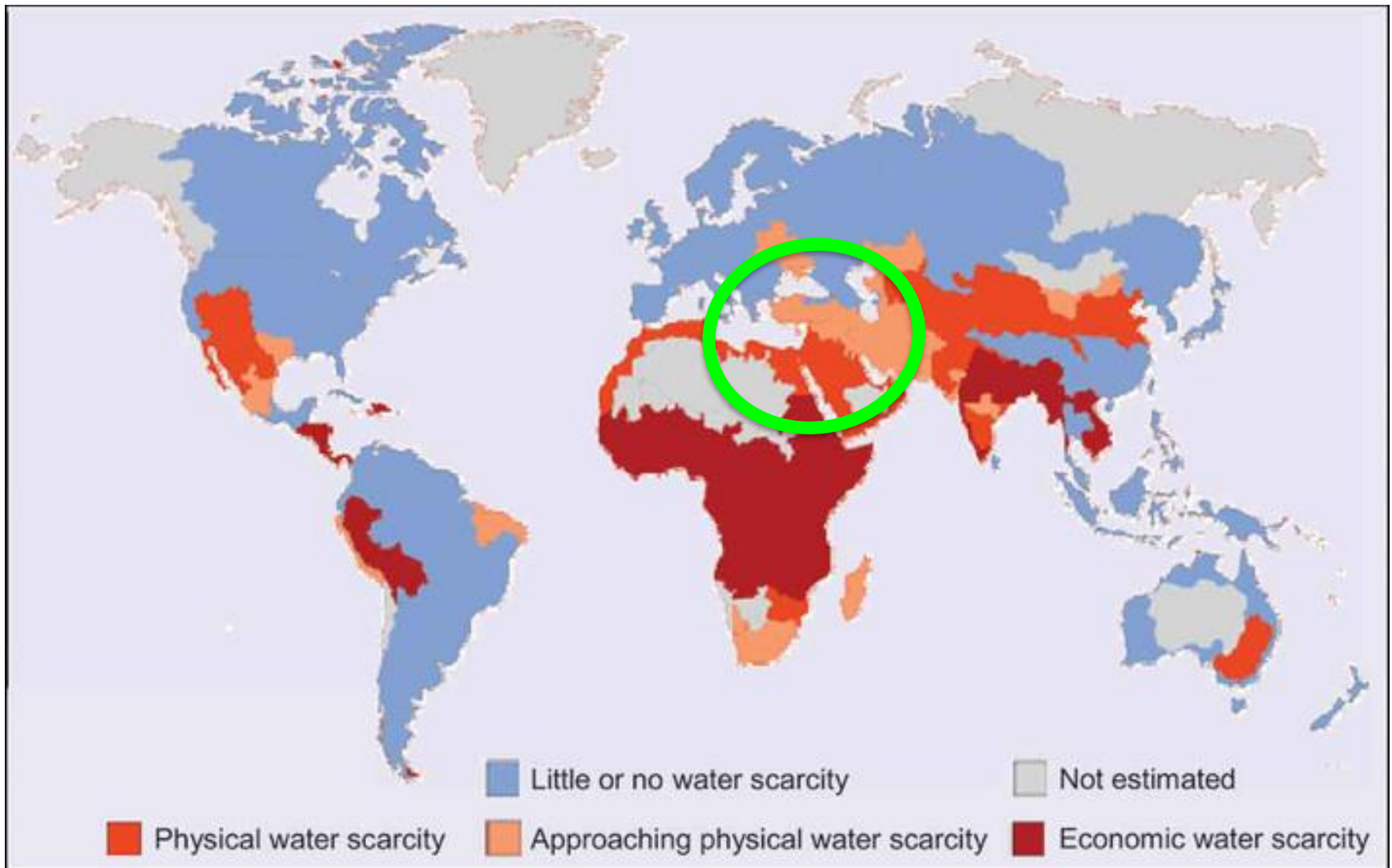
663 Mio. Menschen ohne sauberes Trinkwasser



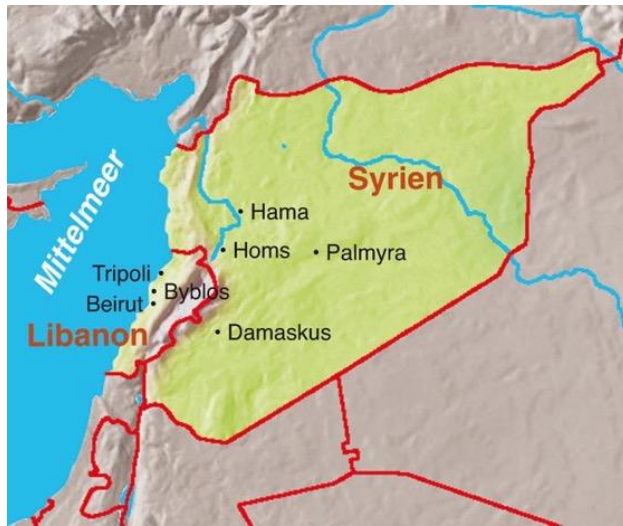
925 Mio. Menschen hungern



Wasserknappheit im Mittleren Osten



Syrienkonflikt / Wasserkrise, Situation Libanon



- 6 Mio. Einwohner, 1.5 Mio. Flüchtlinge
- Chronischer Wassermangel
- Überforderte Behörden, politische Spannungen, Korruption
- Wasserverschmutzung, unkontrollierte Mülldeponien, kaum Strom für Wasserpumpen
- Hohe Arbeitslosigkeit (7%, Tendenz steigend)



Hauptproblem 1: Gewässerverschmutzung

Do not swim: Coastal water pollution getting worse



Hauptproblem 2: Abfallentsorgung



Es tut sich was...



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JCI LEBANON AND SIS-ADMA ALUMNI ASSOCIATION

Beach Clean Up

RECYCLE LEBANON
Sanita.
member of INDECO group
WoodenBakery
JCI Lebanon
1886

JULY 1, 2018 | 10:00 AM
MAAMELTEIN PUBLIC BEACH
(ACROSS FROM AL SULTAN BRAHIM)

Municipality of Jbeil bans use of plastic bags



UN GLOBAL COMPACT
Network Lebanon

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WIR HELFEN DIR ...



... EIN UNTERNEHMER IM WASSER- ODER ABWASSERSEKTOR ZU WERDEN!

cewas - Startups

NGOS & STIFTUNGEN



Wasser für Wasser

TECHNOLOGIEN



MoSan

BERATUNGEN



Aquawise



ClimateRe



Phoster



CSC Water

Projektidee: Ziele

Grundsatz: Investition in (junge) Leute, nicht in technische Lösungen und Infrastrukturen

- Motivation von jungen Libanesen einen **unternehmerischen** Beitrag zur Lösung der Wasserproblematik zu leisten
- Entwicklung neuer, nachhaltiger und lokal angepasster **Businessmodelle** im Libanesischen Wassersektor
- Spezieller Fokus auf die Wasser/Abwassersituation in den **Flüchtlingslagern**
- Schaffung neuer **Arbeitsstellen** und Perspektiven im Wassersektor

Projektidee: geplante Aktivitäten

- **Water Challenge:** Preisausschreibung zur Identifizierung nachhaltiger Wasser-Business-Ideen
- **Start-Up Training Kurs** (4 Module) im Libanon mit 15-25 Startups im 2018
- Aufbau eines lokalen **Wasser-Business Netzwerks** zur Unterstützung der Start Ups
- Langfristige Begleitung der Start-Ups durch **Coaching & Mentoring** für ein Jahr
- **Ausbildung** lokaler Wasser & Business Trainer für die Weiterführung des Programms nach 2018

Startup-Programm



Rotary Global Grant

Kriterien Rotary Global Grant	Projekt Wasser-Startups Libanon
Langfristiger, nachhaltiger Impact	✓
Rotary Global Grant Schwerpunktbereiche	(✓ Friedensförderung) (✓ Krankheitsbekämpfung) ✓ Wasser & Hygiene (✓ Gesundheit Mutter/Kind) ✓ Bildung ✓ Wirtschafts- /Kommunalentwicklung
Internationale Aktivitäten in den Schwerpunktbereichen	✓ Humanitäre Projekte ✓ Berufstraining (✓ Stipendien)

Rotary Global Grant

Kriterien Rotary Global Grant	Projekt Wasser-Startups Libanon
<ul style="list-style-type: none">• Minimum \$ 30'000 Investment	✓ Anfrage für \$57'000 €
<ul style="list-style-type: none">• Wichtiges Bedürfnis der lokalen Bevölkerung wird abgedeckt	✓ Kombination Wasserproblematik & Flüchtlingskrise
<ul style="list-style-type: none">• Die Kapazitäten der lokalen Bevölkerung werden gestärkt	✓ Ausbildung lokaler Start-Ups & Unternehmen
<ul style="list-style-type: none">• Zusammenarbeit mit lokalem Libanesischem Rotary Club (Host Sponsor)	✓ 3 von 24 Rotary Clubs im Libanon am Projekt beteiligt



Herausforderungen

- **Konstellation Gesuchsteller:** Initiant ist der International Sponsor, die Host Sponsoren begleiten das Projekt
- **Finanzierung:** grosser Finanzieller Beitrag des DEZA, anrechenbar als «non-Rotarian contribution»?
- **Projektpartner:** cewas in zentraler Position als «Generalunternehmer»
- **Geldflüsse:** Freigabe der Geldgeber in Teilzahlungen mit Zwischenbericht (DEZA und Rotary Foundation), Auszahlung in Teilzahlungen an cewas
- **Gesuchstellung:** Dokumentationen, Memorandum of Understanding mit allen Partnern, Bedürfnisabklärungen

Erfolge

- **Projekt bewilligt**, Global Grant von \$57'000 bei Totalbudget von \$233'000
- Präsentation an der **Rotary Presidential Peacebuilding Conference** in Beirut, 17. Februar 2018
- **Vor-Ort-Besuche**, Kontakte mit lokalen Rotariern
- **Ideen für weitere Projekte** zwischen Rotary Clubs Libanon und Projektpartner cewas

Resultate: 15 Startups



Green Track

Green Track aims at pushing residents of Jabal Mohsen neighbourhood in Tripoli to separate their waste into recyclables and non-recyclables. This is done by a squad of 'green women', whereas a team of 'green men' would pick up the trash, sorted it, and sold the recyclables to companies. Currently, trash bins have been installed in 60 buildings (ie 600 apartments), and more will come. The idea is to reach Zero Waste in Jabal Mohsen, then spread the project to the rest of Tripoli, especially Bab El Tebbaneh. The mentioned neighborhoods, which are regularly at war will socialise over the trash!

Khoder.eid@hotmail.com

Facebook Page



Greenstocks

Greenstocks is a Lebanese-based, fiscally-sustainable nonprofit organization dedicated to saving the environment (mostly fresh water sources) from illegal wastewater discharge through employing briquetting technologies to convert collected septage to renewable energy-sources (biomass briquettes) that are even more efficient than fossil fuel.

katerji@qrcs.org.qa

www.greenstocks.lb



UNCLOG

Plastic bags and micro-plastics have clogged oceans, rivers, and lands... Scientists are finding traces of plastic nearly everywhere. UNCLOG merges creative campaigning, taxes supported by public authorities, and manufacturing of convenient and environmentally responsible alternatives to reduce the consumption and pollution associated with single-use plastic bags. UNCLOG utilises business and community sensibilities to revive the power of collective action. Monthly fees collected from SMEs interested in improving their triple bottom line along with sales of eco-alternatives such as our keychain reusable bag, will support our enterprise while providing communities with community controlled funds for sustainable development.

uncloglebanon@gmail.com



Plastic Beach

Plastic Beach aims at preventing plastic waste from reaching landfills, rivers & shores, by collecting plastic from businesses and institutions. We organize beach cleanups as an initiative that provides new jobs for those who are underprivileged by becoming part of our community of plastic collectors. We designed, engineered & built an affordable plastic shredder that fits inside a van making it easier and cost-efficient to collect plastic waste by shredding it instantly. Using our mobile facility, we collect plastic waste from businesses & institutions for a monthly subscription fee.

www.plasticbeach.co

info@plasticbeach.co

Facebook page



TURBA

TURBA, meaning soil in Arabic, recycles organic waste into a high quality soil amendment to improve Lebanon's poor soil quality and contribute to sustainable agriculture. A core tenet of our work is to engage the community across different stages to gain their support on resource recovery and recycling.

Facebook page

turbalebanon@gmail.com



TRI Lebanon

TRI is a start-up that produces insulation material from textile waste. The material will be installed in refugees' camps, to insulate their tents, and thus, provide them with a healthier and warmer living environment. The product can also be used for different building types: apartments, villas, bungalows, and mountain residences.

emile@trilebanon.com



<https://cewasmiddleeast.org/community/>

Solute

Solute aims to replace common single-use plastic products with completely biodegradable alternatives made from 100% natural organic material that could be safely thrown away in the environment. We aim to have maximum outreach to consumers through the F&B businesses.

sana.saliba@gmail.com



Clean2O

Clean2O is a portable device that can kill bacteria and viruses, removes dirt and chemical toxins in an easy way making it affordable for the people in need.

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www.clean2o.co



Resultate: etablierte Projektpartnerschaft

Supported by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

**Swiss Agency for Development
and Cooperation SDC**

In cooperation with



Berytech
The Ecosystem
for Entrepreneurs

Rotary 
Rotary Clubs Willisau, Baabda,
Saida and Tripoli Cosmopolis

Resultate: etabliertes Netzwerk

