WHAT DOES Our Water NEED?

#WATERLUTION2030

Developing water solutions within a Climate Changing World is not only urgent, it is paramount.
**7 Actionable Core Goals**

1. Equip youth and young professionals to create and lead the future of water security and climate change adaptation, particularly women, Indigenous, and other underrepresented peoples

2. Facilitate and energize inclusive global water and climate change collaboration, solution-making and innovation

3. Deepen local communities water appreciation and resilience in the face of climate change

4. Enhance global water and climate change knowledge mobilization

5. Engage artistic process as a water and climate change learning approach

6. Support the global community to advance progress towards the Sustainable Development Goals related to water security, climate and equity

7. Become a global “go-to” organization for innovative thinking, boundary-breaking youth solutions for water and climate change
WHAT WE DO

We are responding to the challenges of our time through:

- **North America**
- **Great Lakes**
- **Canada**
- **Brazil**
- **Lebanon**

**INNOVATION**

**WE ARE RESPONDING**

**WATER INNOVATION LABS**

- **North America**
- **Great Lakes**
- **Canada**
- **Brazil**
- **Lebanon**

**YOUTH LEADERSHIP**

**WE ARE RESPONDING**

**SCHOOL PROGRAMS**

- **Legacy**
- **Youth Advisory Board**
- **Passos d'Água**

**ART + CREATIVITY**

**WE ARE RESPONDING**

**ART BASED COMMUNITY DEVELOPMENT**

- ** Municipalities**
- ** Art Based Research**
- ** Artists + Project Portfolio**
- ** Social Media for Artists Toolkit**
- ** Co-Lab Challenge + WIL**

**PAST PROJECTS**

- ** Coming soon**

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**About Us**

- **20 Years of Waterlution**
- **330+ Innovations Incubated**
- **45,000+ Youth Engaged Across Canada**
- **60%+ Female Identifying Participants**
- **15+ WIL Countries (and counting!)**

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**World Water Journey**

World Water Journey is an interactive and immersive platform that brings together the challenges, solutions, change makers and research to elevate dialogue and collaboration opportunities for the global water community. An interactive map brings you to geographic areas or "pots" across the globe, allowing you to explore the local story of water.

**DIVE IN**
ADOLESCENT GIRL EMPOWERMENT THROUGH CAPACITY BUILDING AND WATER INNOVATION IN NORTHERN MOZAMBIQUE
“If adolescent girls aged 12-15 receive capacity building in leadership, water innovation and permaculture connected to the critical challenge of scarce water resource and poor sanitation in their schools, then they will be empowered to participate in the decisions about which responses and interventions could be developed in their school grounds - incentivizing school attendance, boosting confidence, and creating shared gender-transformative value for the community.”
Local Context

- 41.5% become pregnant before the age of 18
- 70% chance of becoming a single mother before turning 30
- 2% complete university
- Girls 12-15 have burden of water carriage with health and economic implications

Gender

- Open defecation rate of 36%, one of highest in sub-Saharan Africa
- 76% of the population do not have or do not use improved sanitation facilities

WASH

100 neighbourhood families mapped during the project period:

- 27% have a hole in the ground
- 43% have a concrete bathroom in poor condition
- 30% have a concrete bathroom structure with a porcelain toilet in good condition
- Majority do not have runoff or sewage treatment
BENEFICIARY GROUPS

DIRECT
- 100 Mwarusis
- 5 university-educated female facilitators

INDIRECT
- community members
- parents & families
- teachers
- local government - education, health, water
- water concessionary
- male students
TESTING METHODOLOGY

Facilitator Capacity Building

- Capacity building with facilitators on Innovation, Systems Thinking, Solution Design, WASH & Permaculture
- Working with facilitators, education and local consultants, workshop materials adapted to the local context

Mwarusis Workshops

- 6 workshops in two schools (12) adapted workshops delivered by the facilitators to the Mwarusis

Community celebration

- Community celebration with participating Mwarusis and community members
IN ACTION
INNOVATIVE APPROACH

- young women at the centre of the process: *those most affected and involved*
- design and delivery of collaborative capacity building
- impact over time: *systems change*
- gender transformative
- in line with Mozambique’s gender and education policies
1. Baseline and Endline Surveys - Mwarusis, facilitators and community

2. Focus Group Discussions and KII - community members and local associations

3. Community Celebration Event
   a. Certificates of completion - Mwarusis
   b. Test findings shared
   c. Interactive dynamics hosted for feedback on results and next steps
### IMPACT

#### SHORT-TERM

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Progression Toward Target</th>
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<tbody>
<tr>
<td>WASH knowledge</td>
<td>Approaching</td>
</tr>
<tr>
<td>Gender Equality Knowledge</td>
<td>Exceeded</td>
</tr>
<tr>
<td>WASH innovation and permaculture knowledge</td>
<td>Approaching</td>
</tr>
<tr>
<td>Community engagement skills</td>
<td>Exceeded</td>
</tr>
<tr>
<td>Attendance records of participating and non-participating adolescents</td>
<td>Almost met - within 10% of target</td>
</tr>
<tr>
<td>Activity that contributes to increased confidence</td>
<td>Exceeded</td>
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<tr>
<td>Confidence</td>
<td>Exceeded</td>
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<tr>
<td>Satisfaction with Confidence</td>
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<tr>
<td>Empowerment in community</td>
<td>Exceeded</td>
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<tr>
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#### INTERMEDIATE

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## IMPACT

### LONG-TERM

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<th>Indicator</th>
<th>Progression Toward Target</th>
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</thead>
<tbody>
<tr>
<td>WASH/hygiene needs at the school setting</td>
<td>Almost met - within 10% of target</td>
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<tr>
<td>Dropout</td>
<td>Exceeded</td>
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<tr>
<td>Perception of girls’ capacity as WASH leaders</td>
<td>Almost met - within 10% of target</td>
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<tr>
<td>Community water committees</td>
<td>Exceeded</td>
</tr>
<tr>
<td>Adolescent led WASH solutions</td>
<td>Exceeded</td>
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LESSONS LEARNED

- Music/storytelling increase engagement
- Sensitivity towards menstruation
- Ownership from Mwarusis “We want to be giving these classes; we women want to create spaces so that we women can call the men and give them classes on these materials”.
  - Facilitators and consultants train new facilitators
  - Facilitators train Mwarusis
  - Mwarusis train other girls, women, men and boys in the community

ONGOING IMPACT

- AVTG project GIZ funding - Increasing female and youth participation in WASH decision making in Nampula
- Waterlution associate Master’s degree @ Carleton University - same beneficiary group - WASH learning adolescent girls
- Nampula research student Master’s
- WIL Tanzania
- Design of school project in Brazil “Passos d’Água”
- Commitment of FIPAG to drill well at school
- Women continuing education
“A Mwarusi once said, ‘Sis, I built a well with my sisters and my friends so that we could have water’. Another Mwarusi built a model showing the water supply system for a village all by herself, and explained in front of everyone what she had built.”
Outcomes – Stories from Participants

Gésica Canivete’s Story
This is my story about the potential to learn new things and become agents of transformation, no matter what age or background.

READ OUTCOME STORY »

Lariza Caetano’s Story
This is my story about loss of fear in expressing my ideas. Believing in my abilities and values to develop my community.

READ OUTCOME STORY »