Rotary Hands Across Water

Watec 2015 Youth Challenge

15th October 2015, Tel-Aviv fair Ground
Presentation by Dr. Amnon Shefi, Hi-Teach
The Rotary Hands Across Water (RHAW) Program

Collaborative water inspired science course

Promotes cross cultural collaboration

Current water issues form a base for the inter-disciplinary course

Project based learning with visits to water technology sites

Annual national youth innovation competition

Compliance with Ministry of Education science curricula

RHAW is a Hi-Teach program sponsored by the Rotary, the Water Industry, the Government and the Academia
WATEC 2015
Water technology conference and exhibition
Watec 2015 Youth Challenge

• 70 students from four collaborating Jewish & Arab schools joined the Watec 2015 Youth Challenge

• Welcomed by Hi-Teach and presented with real global water problems

• Students visited the exhibition, studying cutting edge water technologies

• Collaborated to discuss and propose solutions to the challenge

• Presented impressive solutions to visiting professionals and Rotarians
Four step challenge

Welcome
Watec 2015 Challenge

Visit
Watec Exhibition

Brainstorm
Solve the challenge

Present
Solutions
Welcome to Watec 2015
Step 1: Facing the challenges

Four current global water & sanitation challenges are presented to the young researchers, who are familiar with water issues though their year long study with RHAW in the previous 2014-15 school year.

1. The Ganges pollution
2. Water leakage in London
3. California draught and water shortage
4. Water quality & cyber security
Step 2: Visit the exhibition in search of technologies for solutions
Step 3: Brainstorm in small groups to solve the challenges
Innovative solutions

Example presented by students from the Arab village of Shaeb in the Galil:

Combine Aqwise biofilm based process with Ayala minimal maintenance and low energy solution, to create a suitable sustainable solution for a clean Ganges river in India.
Step 4: Impressively present the innovative solutions
A team of partners
Hi-Teach, Rotary, Government (Education & Economy), Academia and Industry

Ministry of Education
Academia: Technion

Ministry of Economy
Industry: Bermad, Aqwise…
Rotary Hands Across water

A Collaborative Water Inspired science education program,

a bridges between diverse communities.
Contact

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