Resource Circulated Sanitation Showcase to Provide Sustainable Sanitation in Remote Areas

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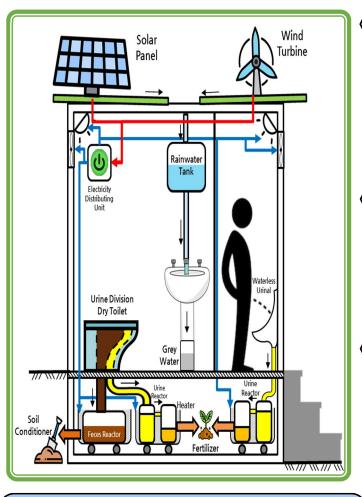
CHALLENGE & MOTIVATION



VISION FOR SOLUTION



SOLUTION: RESOURCE CIRCULATED SANITATION



TECHNICALLY APPLICABLE

✓ Self Sustaining Water & Energy Provision

✓ Nature Based Nitrification Treatment



ECONOMICALLY FEASIBLE



- ✓ About 50,000 L/year Water Saving
- ✓ Around 500-700 kWh/year Energy Saving
- √ Economic Benefits by Recycling Wastes
- √ Coverage of Capital & Maintenance Costs
- ✓ Using Locally Available Materials & Labors

SOCIALLY ACCEPTABLE

- √ Funding Local Management Committee
- √ Training Local People
- ✓ Improving the Public Acceptance & Health
- ✓ Gaining the Sense of Responsibility
- √ Effective Knowledge Transfer



SUCCESSFUL DEMONSTRATIONS IN SEOUL



CONTRIBUTION TO SUSTAINABILITY



Certificate ENERGY GLOBE NATIONAL AWARD 2019

WINNER · REPUBLIC OF KOREA

PROJECT

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Shervin Hashemi



Manela Ganda

Maneka Gandhi ENERGY GLOBE Jury

Wolfgang Neumann
ENERGY GLOBE Foundation
Founder

ENERGY GLOBE
The world award for sustainability







Certificate of Achievement

Shervin Hashemi

has presented their project as a finalist of the

1st World Summit on Leaving No One Behind

and been the recipient of the

Leaving No One Behind Innovation Award 2019

Finding human-rights based solutions to water and sanitation

A project that could help solve some of the problems associated with identifying, including or supplying solutions for people that are being left behind regarding access to water and sanitation.

February

2019

CERTIFICATE

WATERLEX.

Mode

Amanda Loeffen, Director General

achievemen



THE ELSEVIER FOUNDATION-ISC3 GREEN & SUSTAINABLE CHEMISTRY CHALLENGE

Shervin Hashemi

Certificate of participation with the proposal entitled "The Resource Circulation Sanitation Showcase", shortlisted at the 2020 The Elsevier Foundation-ISC3 Green & Sustainable Chemistry Challenge.

klaus kummerer

Klaus Kümmerer Leuphana University Ylann Schemm
The Elsevier Foundation

Rob van Daalen Elsevier



















토리(土利) 스토리

SANITATION REVOLUTION: FROM WASTE TO RESOURCE

