

424 Aviation Road NE
Calgary, Alberta, T2E 8H6, Canada
Phone: + 1 (403) 243-3285, Fax: + 1 (403) 243-6199
E-mail: resources@cawst.org, Website: www.cawst.org

CAWST, the Centre for Affordable Water and Sanitation Technology, is a nonprofit organization that provides training and consulting to organizations working directly with populations in developing countries who lack access to clean water and basic sanitation.

One of CAWST's core strategies is to make knowledge about water common knowledge. This is achieved, in part, by developing and freely distributing education materials with the intent of increasing the availability of information to those who need it most.

This document is open content and licensed under the Creative Commons Attribution Works 3.0 Unported License. To view a copy of this license, visit <http://creativecommons.org/licenses/by/3.0> or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California 94105, USA.



You are free to:

- Share – to copy, distribute and transmit this document
- Remix – to adapt this document



Under the following conditions:

- Attribution. You must give credit to CAWST as the original source of the document. Please include our website: www.cawst.org

CAWST will produce updated versions of this document periodically. For this reason, we do not recommend hosting this document to download from your website.



CAWST provides mentorship and coaching on the use of its education and training resources.

Stay up-to-date and get support:

- Latest updates to this document
- Other workshop & training related resources
- Support on using this document in your work

www.cawst.org

This presentation is used with Lesson Plan 22:
Treatment, Use and Disposal in the Latrine
Design and Construction Trainer Manual.

Available at www.cawst.org/resources



Excreta Treatment, Use and Disposal



Learning Outcomes

1. Discuss the value of using treated excreta in agriculture.
2. Discuss the importance of treating excreta before using it.
3. Identify latrine technologies that can treat excreta.
4. Discuss the social acceptance of using human excreta.
5. Identify how to safely dispose of excreta not intended for use.



SOIL – Haiti



SOIL TOILETS PROVIDE PEOPLE
WITH ACCESS TO SAFE,
DIGNIFIED SANITATION

PLANTS BEAR NUTRITIOUS,
ORGANIC FOOD FOR PEOPLE
TO EAT (AND THEN EXCRETE)

WASTE IS COLLECTED AND
TRANSPORTED TO ONE OF SOIL'S
WASTE TREATMENT SITES

THE POOP LOOP

WASTE IS TRANSFORMED INTO COM-
POST THROUGH A CAREFULLY-MON-
ITORED PROCESS THAT INCLUDES
THOROUGH LAB TESTING

PLANTS GROWN IN SOIL'S
COMPOST HELP REFOREST AND
STABILIZE HAITI'S ENVIRONMENT

FINISHED COMPOST IS A VALUABLE
RESOURCE THAT NOURISHES THE SOIL



SOIL – Haiti

Dignified Sanitation



Waste Transformation



Agricultural Growth



Urine Diversion – Burkina Faso



(Credit: www.flickr.com/photos/gtzecosan/)

Other Global Examples



Aguie Project - Niger



Commercial tomato growing - Uganda

Other Global Examples



Urine diverting dehydrating toilet - Peru



Organic Farm - Ecuador

Other Global Examples



Urine Tricycle - India



Urban agriculture in Ecotown - China