

### **2.3 billion** people still do not have basic sanitation facilities such as toilets or latrines in 2015.

## OUR GOAL

We will propose the sanitation value chain as a common solution for both developed and developing countries.

Of these, 892 million still defecate in the Open

for example in street gutters, behind bushes or into open bodies of water.

Poor sanitation is linked to transmission of **ISEASES** 

such as cholera, diarrhea, dysentery, hepatitis A, typhoid and polio.

Poor sanitation also contributes to main utrition.

## **Project Member**

Project Leader FUNAMIZU Naoyuki

RIHN/Hokkaido University

**Project Researcher** 

**Project Researcher** 

**Research Associate** 

Hokkaido University

Indonesian Institute of Science (LIPI),

University of Zambia, Zambia

Instituto Tecnológico y de Estudios

Superiores de Monterrey, Mexico

Kochi University

Kyoto University

Indonesia

Tohoku University

Hokkaido Research Organization

### Members at RIHN

HAYASHI Koji NAKAO Seiji KIMURA Ayako

#### Main Collaborators

YAMAUCHI Taro ITO Ryusei USHIJIMA Ken IKEMI Mayu KATAOKA Yoshimi SANO Daisuke NAKATANI Tomoaki NABESHIMA Takako FUJIWARA Taku HARADA Hidenori INOUE Takashi SINTAWADANI, Neni

NYAMBE, Imasiku Anayaw LOPEZ ZAVALA, Miguel Ange

The Sanitation Value Chain:

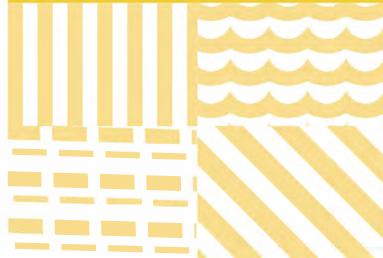
Designing Sanitation Systems as Eco-Community-Value System

Research Institute for Humanity and Nature (RIHN) 457-4 Kyoto, 603-8047 JAPAN Email sanitation\_HQ(at)chikyu.ac.jp TEL +81-75-707-2331 http://www.chikyu.ac.jp/sanitation\_value\_chain/

Photos by Ryusei Ito, Ken Ushijima and Yoshimi Kataoka.

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## What is sanitation?

Household

Income

"Sanitation generally refers to the provision of facilities and services for the safe disposal of human urine and faeces. The word 'sanitation' also refers to the maintenance of hygienic conditions, through services such as garbage collection and wastewater disposal." (WHO)

# Sanitation/L<sup>m</sup>fe

Focusing on values and historical developments of people, we will clarify the relationship between sanitation and people's lives.

# Techno **I**ogy

We will re-evaluate the circumstances and values necessary for using sanitation technology. In addition, we will develop technologies to respond to different boundary condition.

# **Co creation**

Through collaboration with regional stakeholders, we will co-create and realize the sanitation value chain.

**Our Fields** 

**Bandung** 

INDONESIA

Ouagadougou

**BURKINA FASO** 

usaka

ZAMBIA

Ishikar

JAPAN

# Sanitation is a value chain.

Even if you prepare only toilet bowl, you can not use it. Water, materials and energy are flowing around the toilet. And various actors need to be involved. Sanitation is a chain of values creted by these actors.

