



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
diseases

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

Poor sanitation also contributes to
malnutrition.

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The Sanitation Value Chain:
Designing Sanitation Systems as Eco-Community-Value System

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What is sanitation?

“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/Life

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

Technology

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.

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.

