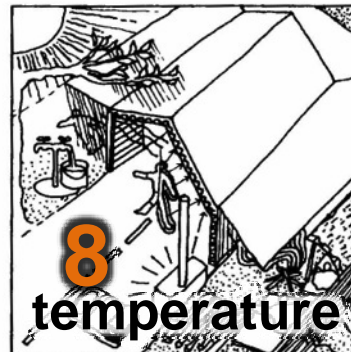
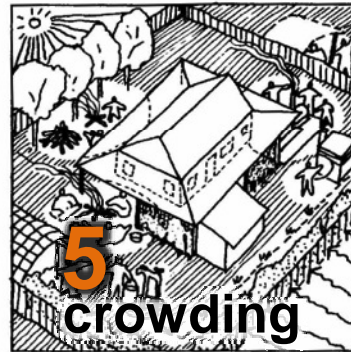
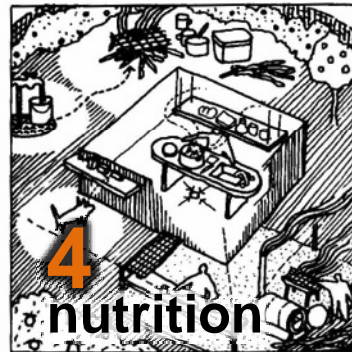


Healthabitat 1985 –now

Improving the living environment to improve



The 9 Healthy Living Practices



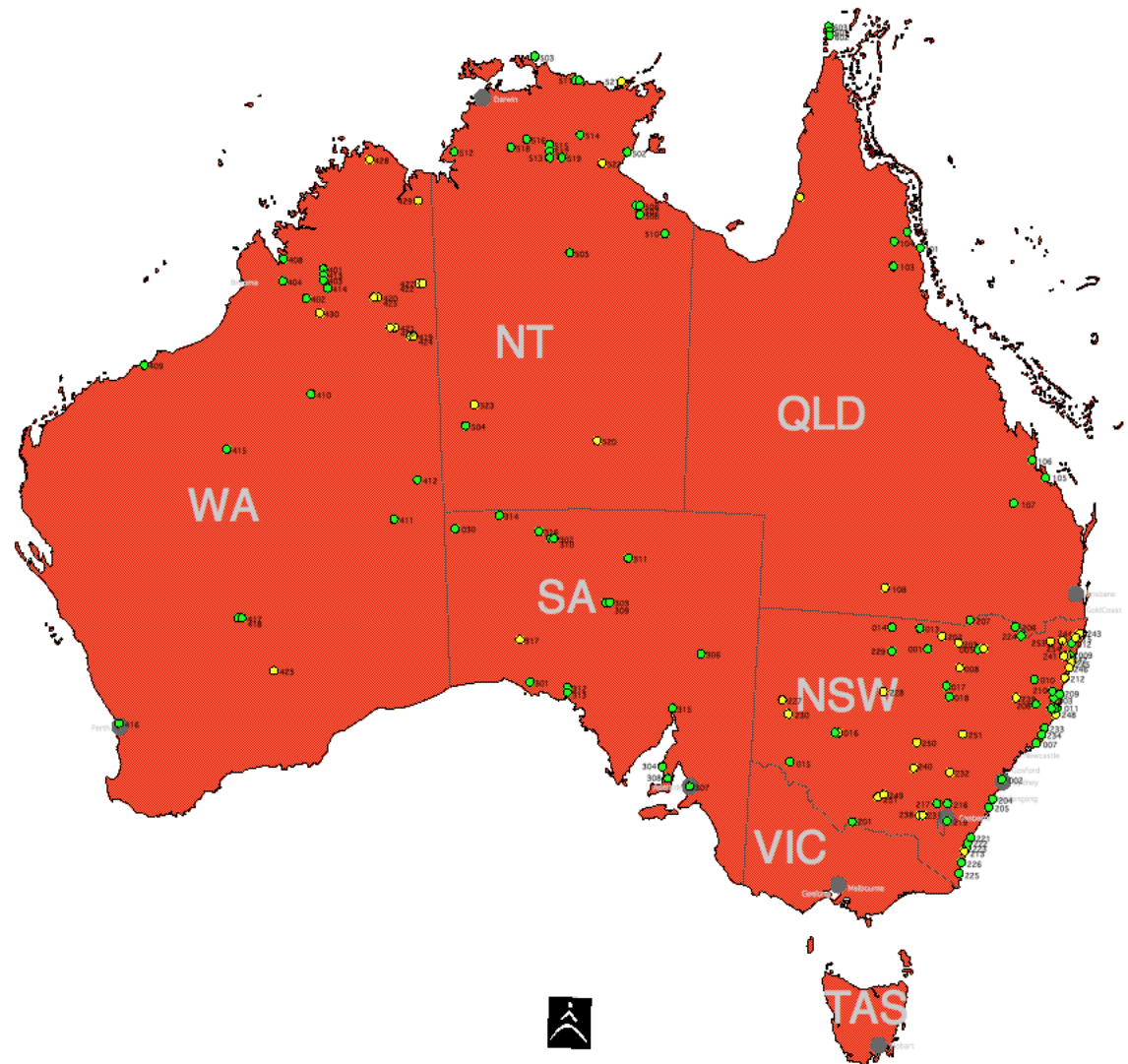
199
communities

7,820
houses

50,000
people



Houses improved in Australia since 1999





1
community

10
Apartments

4,300
now planned for
improvement

Apartments improved in Brooklyn New York since 2010



How skills make a difference in peoples daily life

The Nepal Sanitation Program 2007 - ongoing

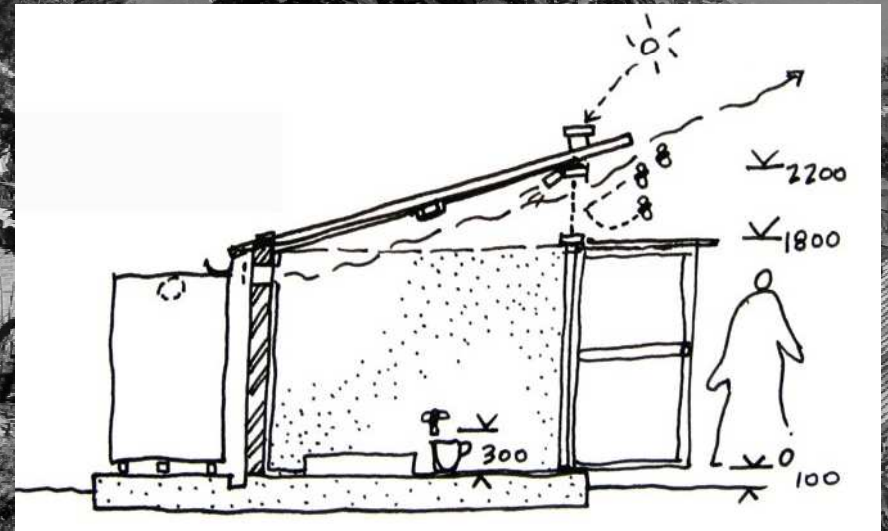
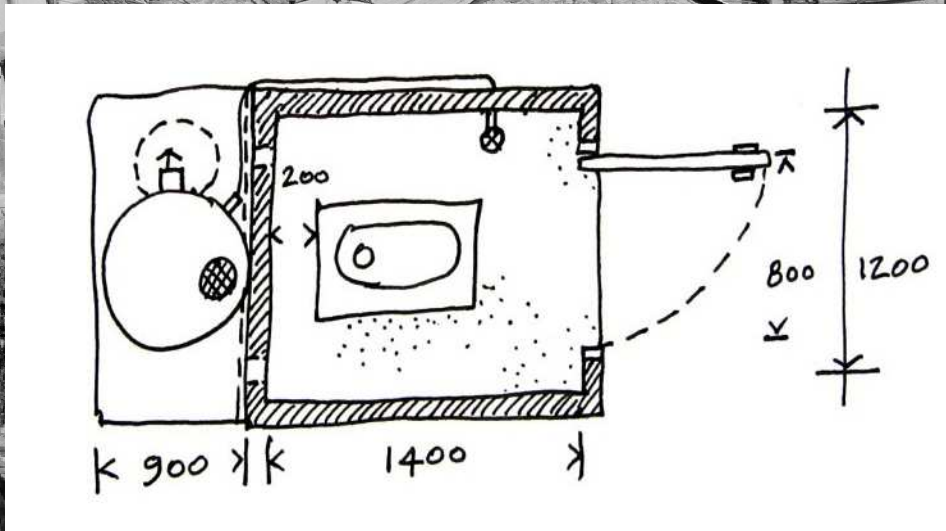
Healthabitat Australia and CHDS (Nepal) with
Rotary Club of Dee Why Warringah



2007
1 village
58 houses
600 people
High gut and respiratory infection
0 toilets



No toilets to collect waste +
no treatment of waste +
little water for hand washing = **gut infections**



2007 Immediate action - local partners and design of 2 prototype toilets + water and waste systems

Expensive gas = wood fires

Green trees cut ! + steep slopes = **erosion!**

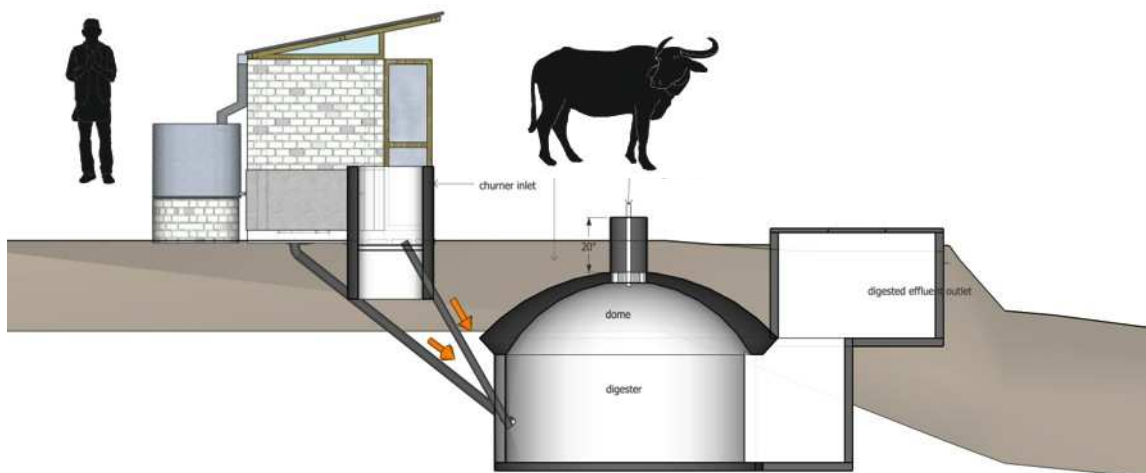
Green trees burnt ! = **smoke !**

Green trees burnt in enclosed houses ! = **respiratory illness**



Combine human and animal waste in a **biogas digester**

Local design and construction





3- 4 hours a day cooking for each family

Free, smokeless fuel

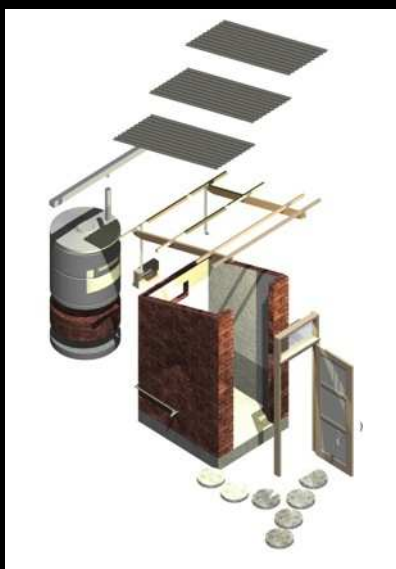
Less trees harvested

Less erosion

Less smoke in houses

Less respiratory illness





100 + toilets and waste systems and a skilled Nepal team



Community Health Development Society, Nepal (CHDS)

Village Sanitation Program Management

The CHDS team provides project management guidance, as well as ongoing liaison with the Australian partners.

The CHDS team also has skills in dentistry, accounting and family planning.

The team members have embraced the challenges of the Sanitation Program and provide some comments on the work.

"It was great and different expedition in my work. Professionally I am dental assistant and was managing and performing preventive dentistry. The first Village Sanitation Project was totally out of my work experience. This was a great experience in different field of community development work and now I am working for teeth and toilets!" Bishnu Shrestha CHDS Nepal

CHDS hopes this project will achieve improved health and hygiene for all the villagers in each project to decrease the incidence of preventable disease and infection, particularly in children.

CHDS also hopes that through improved environmental conditions and health, each family will have a better chance of developing their economic status, and assist in providing access to better education for upcoming generations.



CHDS, construction team and village committee members



Nepal Sanitation Studio 2013

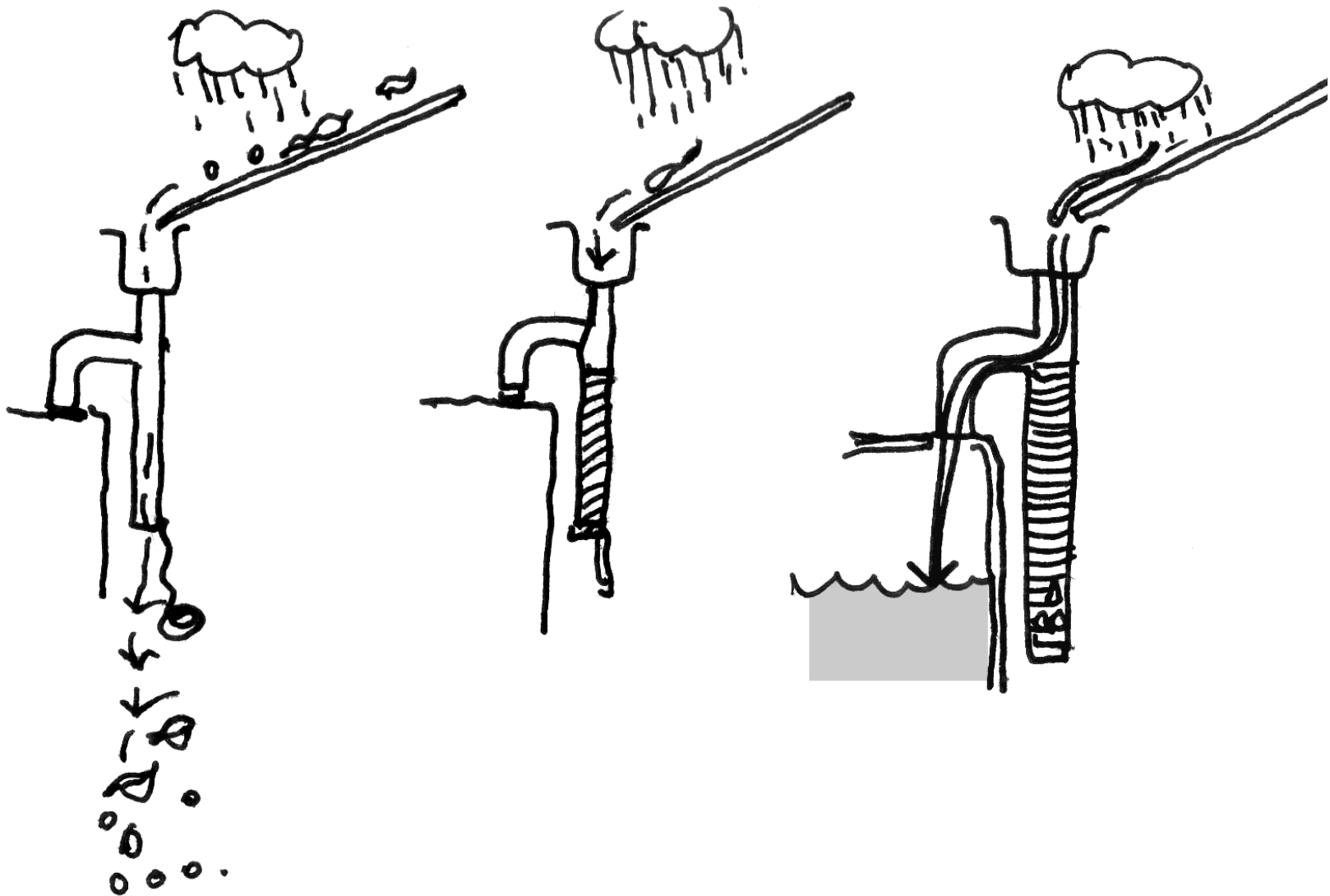


Worldskills Foundation, IAPMO, WPC, RMIT + egress studio



The Sanitation Studio 2013 - plumbing brief

Improved water quality and a proposed diverter valve





4 new designs – (Diverter Type A) made with local people and local skills



Type C diverter



Type D diverter



Program development (need, team)
+
Technical skills and quality assurance

Healthabitat



+
Local management (proven,
established)
+
Local skills
+
Local material and resources

CHDS Nepal or equivalent

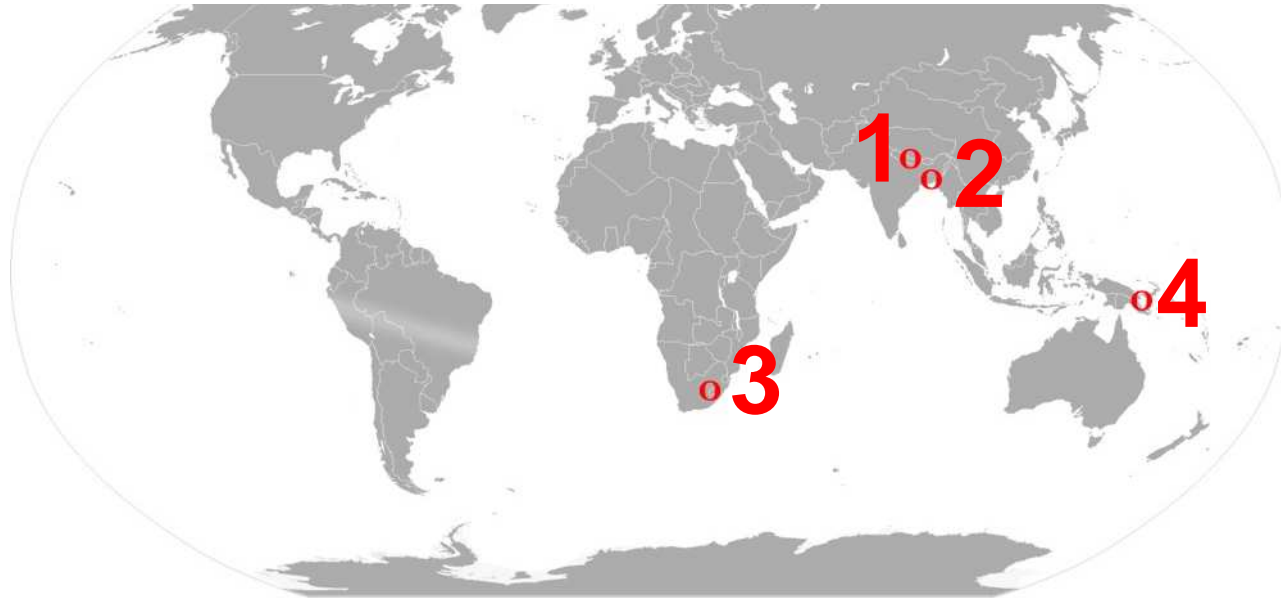
+
**Complementary skills and
resources to improve the existing
that can be replicated and remain
when the skilled people leave**

**Worldskills Foundation,
IAPMO,
WPC,
RMIT**

= improved function of the living
environment

= improved health

The person, family and
community



Project 1

Improved
rainwater quality,
Nepal



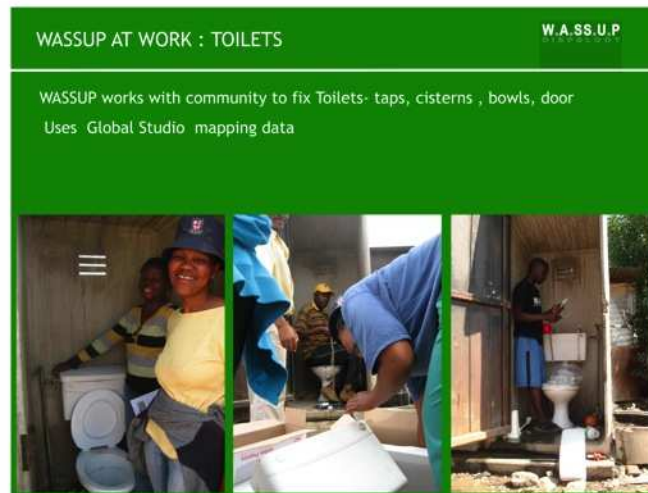
Project 2

Safe disposal of
human waste -
Bangladesh



Project 3

Improved water and
waste facilities,
South Africa

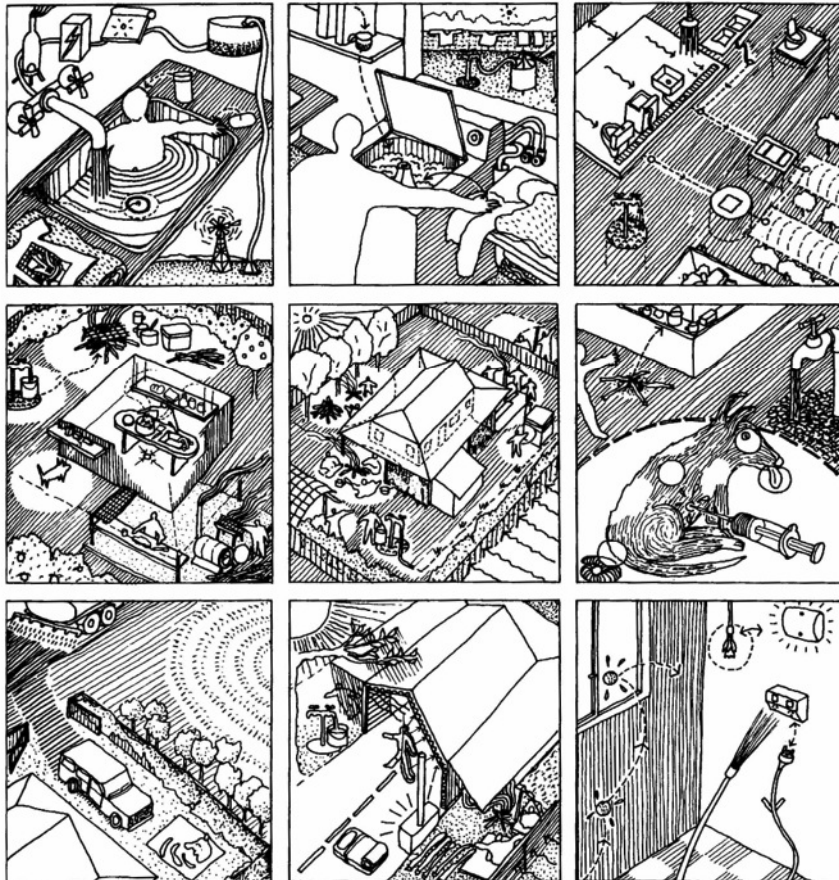


Project 4

Safe disposal of human
waste & improved
drinking water, PNG



Housing *for* Health



*“...poverty is not natural.
It is man-made
and it can be
overcome and
eradicated by the
actions of human
beings.*

Nelson Mandela

”



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