

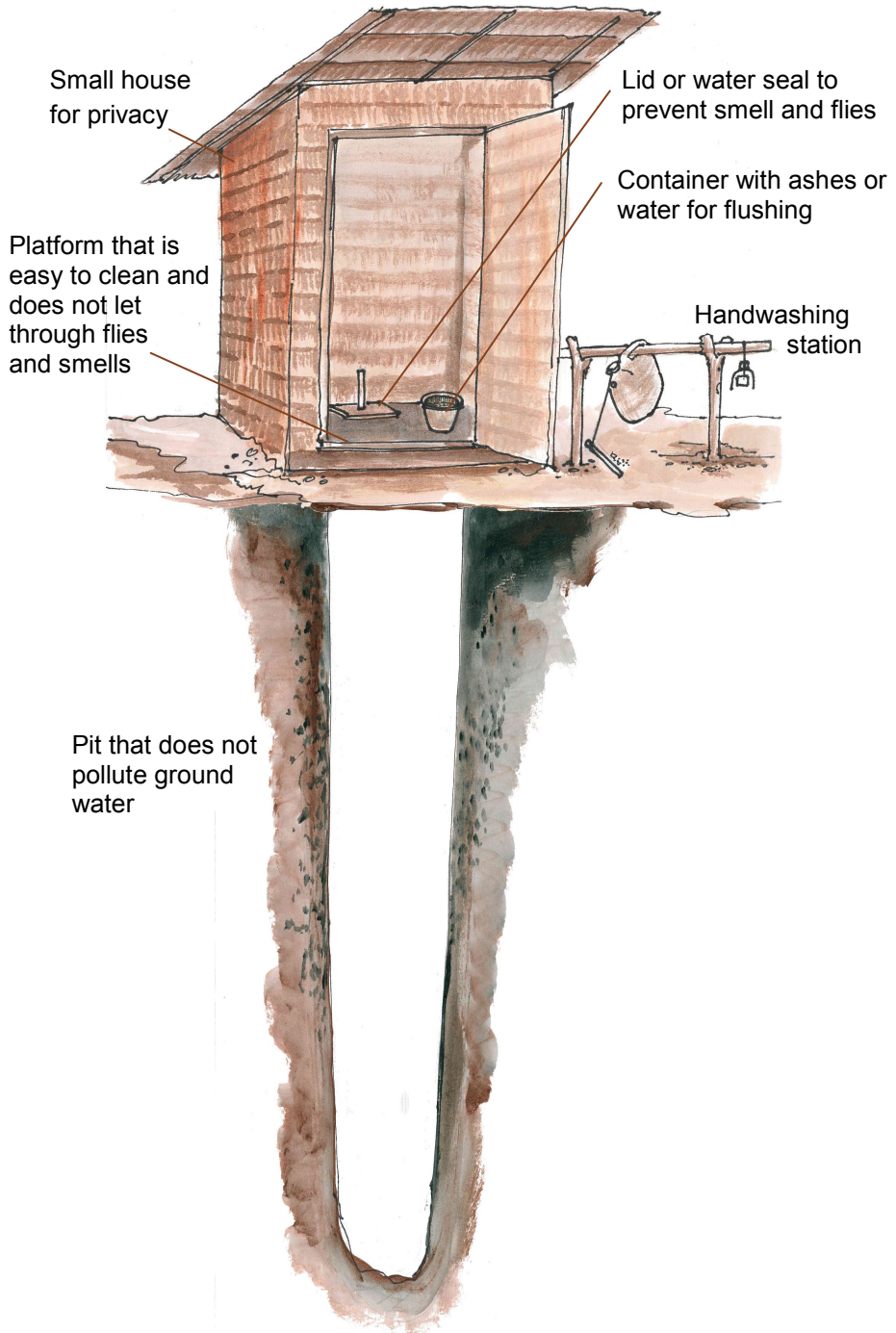
# Mekim Raet Chois Fo Toelet Haus Blong Mi

**A GUIDE TO IMPROVED SANITATION OPTIONS IN COMMUNITIES OF  
SOLOMON ISLANDS**



**A COMPLETE HOME HAS  
A SLEEPING HOUSE,  
A KITCHEN AND  
A TOILET!**

# HEM KOMPLIT TOELET HAUS



# WASIM HAN



+



or



Ashes

or



Sand

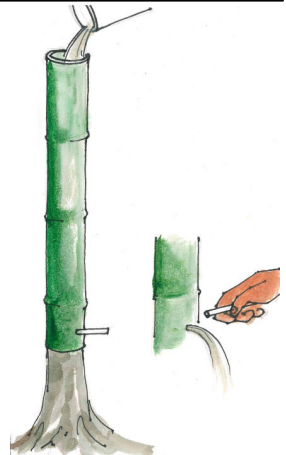
or



Lime

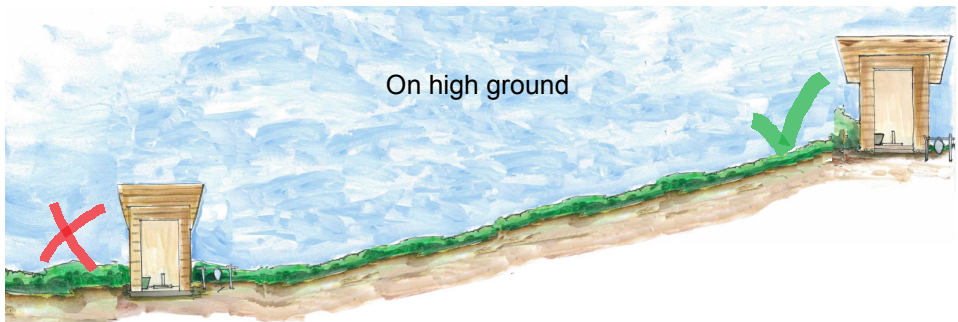
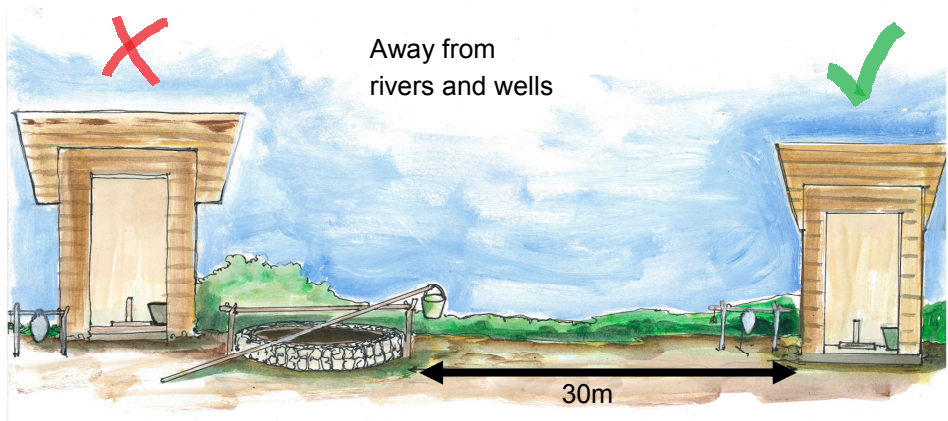


Leaf





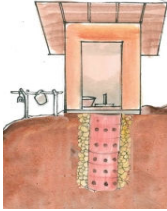
# WEA NAO FO MI BILDIM TOELET HAUS?



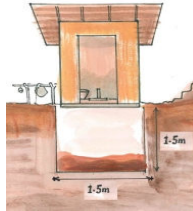


# SIZE, CREEK, FLOOD OLOWE

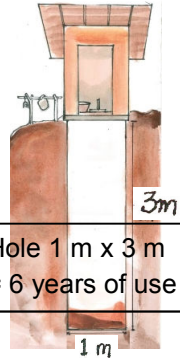
Hole size and time of use:



2 drums = 1 year of use  
for a family of 5



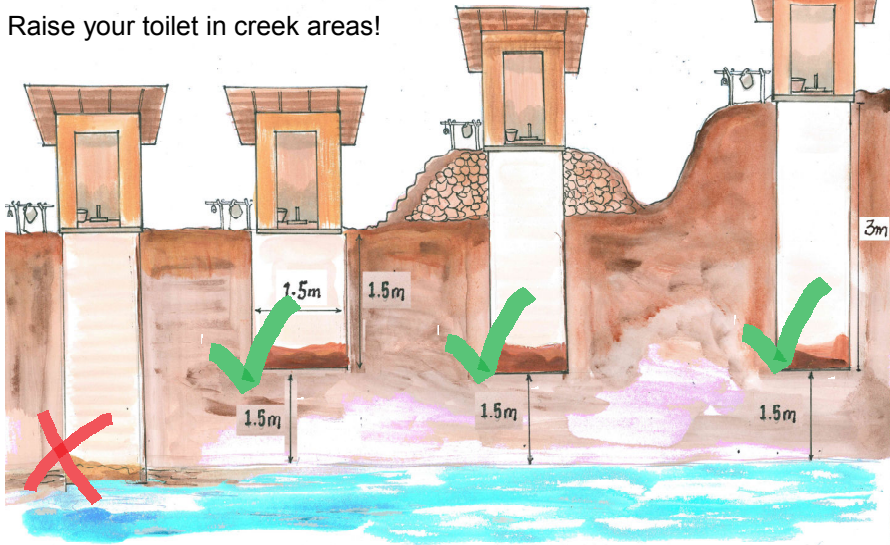
Hole 1.5 m x 1.5 m  
= 6 years of use



Hole 1 m x 3 m  
= 6 years of use

The hole should be 1.5 m above the water table

Raise your toilet in creek areas!



Raise your toilet in  
areas where flood happens

# ISI WEI FO WAKEM LATRINE PIT



In **STRONG GROUND** you just need to dig.

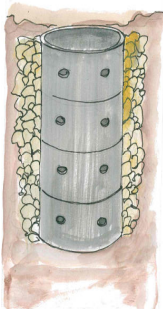


In **SOFT GROUND**, you can make the hole strong in different ways:

**Material: Sticks or Bamboo; bush rope**

- ✓ materials are easily accessible
- ✓ can be made at home
- ✗ may rot fast

**Material: Culvert**



- ✓ long lasting
- ✓ suitable for raising a pit
- ✗ costly
- ✗ heavy
- ✗ needs skills to install
- ✗ small diameter of hole fills up fast

# ISI WEI FO WAKEM LATRINE PIT



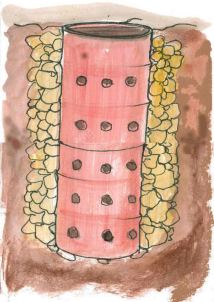
## Material: Stones

- ✓ materials are easily accessible
- ✓ long lasting material
- ✓ suitable for raising pits
- ✗ platform not easy to install
- ✗ need skills to build



## Material: Tires

- ✓ suitable for raising a pit
- ✓ long lasting materials
- ✓ easy to install
- ✗ need to find tires
- ✗ small diameter of hole fills up fast

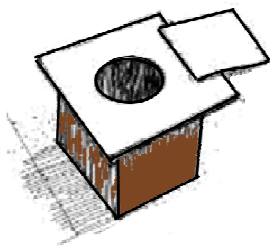


## Material: Drums with holes

- ✓ easy to install
- ✓ suitable for raising a pit
- ✗ Danger!: may rust and hole can collapse
- ✗ small diameter of hole fills up fast
- ✗ need to find drums

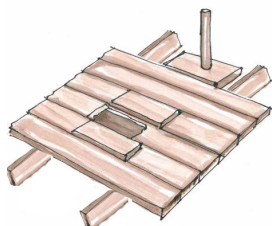


# ASHES FLASH TOILET HAUS



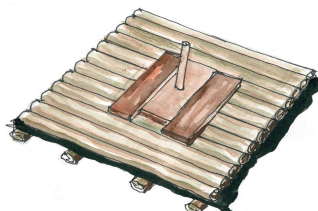
An **ashes flush toilet** has no smell and flies when using ash and a good lid

It needs a platform and can even have a **timber seat** !



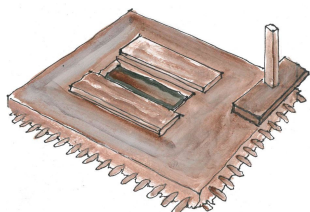
## Timber platform

- ✓ easy to build, materials easy to access, easy to repair
- ✗ Not easy to clean



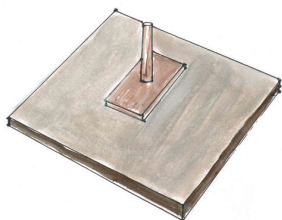
## Bush wood with plastic sheet platform

- ✓ easy to build, materials easy to access, easy to repair
- ✗ not easy to clean



## Compacted soil on bush wood platform

- ✓ easy to build, materials easy to access, easy to repair
- ✗ difficult to clean



## Cement platform

- ✓ long lasting, reusable, easy to clean
- ✗ need to buy cement, need skills

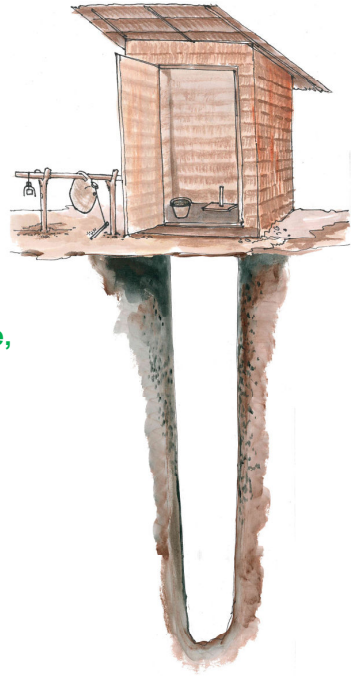
In ashes flush systems, rubbing can be done with newspaper, leaves, coconut husk or toilet paper. Avoid stones, because your pit will be filled faster.



# ASHES FLUSH TOILET HAUS

- ✓ no need for **buying** any materials
- ✓ no need for water
- ✓ has **no smell or flies** and **prevents disease**, when using ash, lid and good platform
- ✗ need to have a **bucket** full of **ashes** inside

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## Raised Toilet

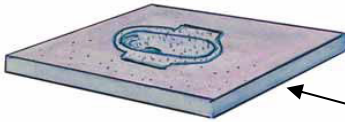
- ✓ for flood areas
- ✓ for creek areas with high water table
- ✓ lasts long
- ✗ need to reinforce the hole for it not to collapse

There are different ways to raise a toilet.

For example, you can pile stones and cover it with compacted soil. Build stairs.



# WATA FLASH TOELET HAUS



A water flushed toilet can have different seats or holes:

A flat **platform**



A **ceramic seat**



A **raiser**



Water flushed toilets use a water seal to separate waste from human contact. This prevents smell and disease.

Water flush toilets **do not work, without water.**

**Building and repairs are expensive.**

The water flushed toilet can get blocked fast.

Don't flush bulky materials, like stones, newspaper, paper, leafs, coconut husk .

Only flush toilet paper.





# WATA FLASH TOELET HAUS

## Pour Flush Toilet

✓ Water seal prevents smell

✗ High building cost

\$ \$ \$

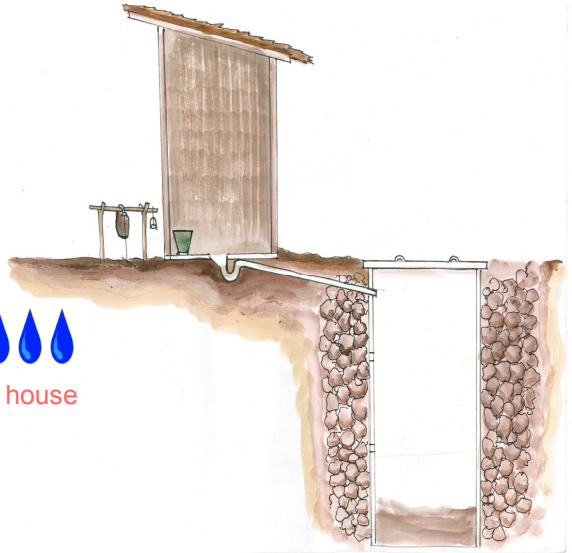
✗ Need water for flushing



✗ Need to carry water to toilet house

✗ High cost of repairs

✗ Need to buy toilet paper



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## Cistern Flush Toilet

✓ Water seal prevents smell

✓ No need to carry water

✗ Very high building cost

\$ \$ \$ \$ \$

✗ Need piped water

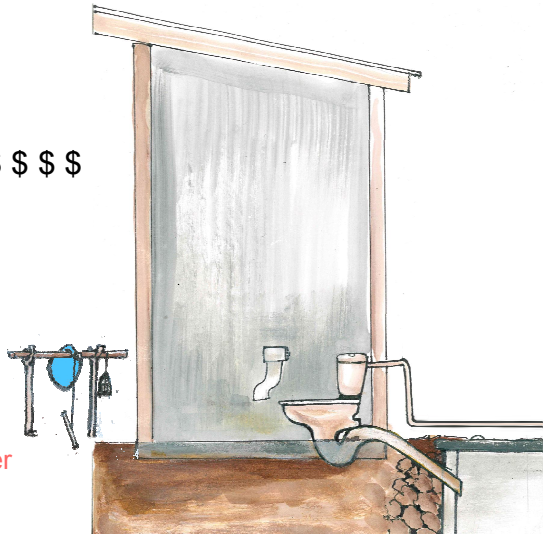
✗ Need a lot of water to flush



✗ Needs to be pour flushed, if there are shortages of water

✗ Very high cost of repairs

✗ Need to buy toilet paper





When your toilet hole is full, after 2 months, plant a tree on it:

**It will grow strong and fast!**

Special thanks for the contributions to this guide from community leaders of Bubumala, Takaboru, Bubulu, Zion, Kuila, Bonala, Reko, Duidui and Totomba, as well as R-WASH - Ministry of Health, Philippa Crooks, Iulah Pitamama, Hexley Ona, Wycliff Maebule, Ben Lesibana, Isabel Ross and Godwin Kamtukule. Many thanks to all stakeholders visited.

Concept by Alexandra Hoehne, Simon Doreille. Based on the SI Government Toilet Design Guide.

Paintings by Brian Feni.

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croix-rouge française 