

The Water  
System in

CASITA  
VERDE



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Water inlet from  
the canal next to  
the forest

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The water enters a  
2000 litre tank

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The water comes  
out almost  
completely clean  
through a siphon

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Water enters the  
second tank

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Water  
enters the  
large  
80,000  
litre  
reservoir

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The water tank, located at the top of the farm, is filled in the winter (if there is enough rain)

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The water outlet  
to the farm

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The water from  
the tap outlet is  
used to clean the  
dishes

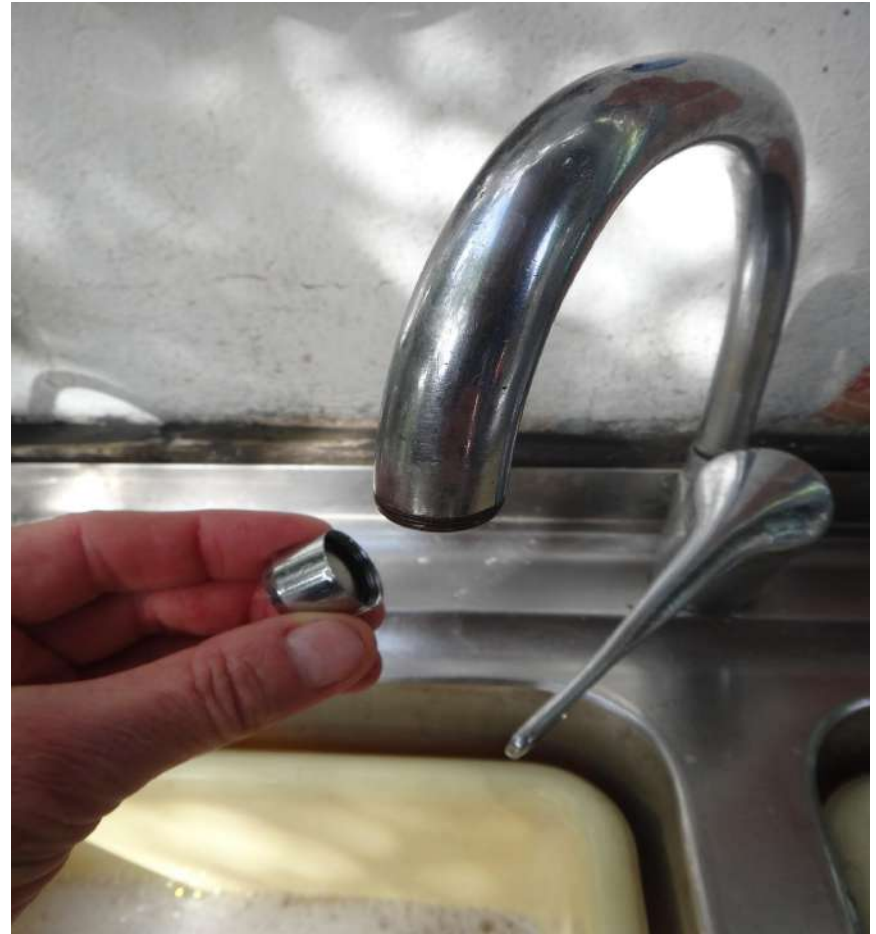
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We have installed  
a perlizer that  
reduces the flow  
of water

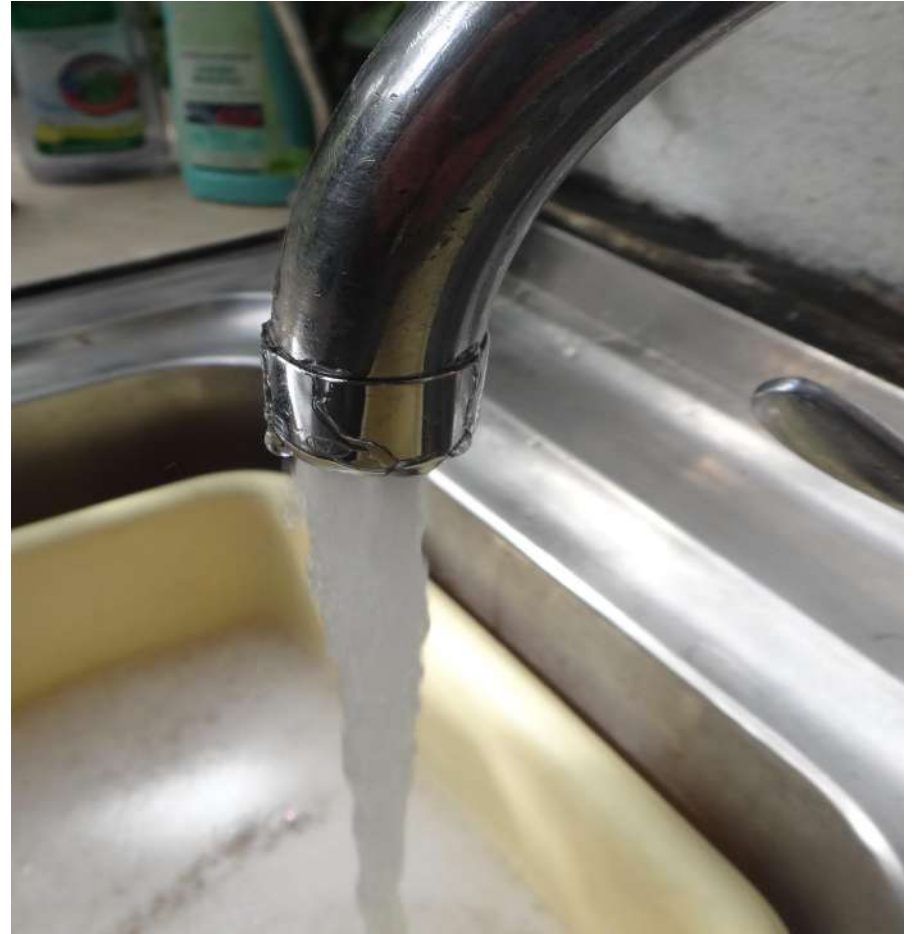
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The water is  
mixed with air,  
which reduces the  
flow by 40%

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We always use  
ecological soap

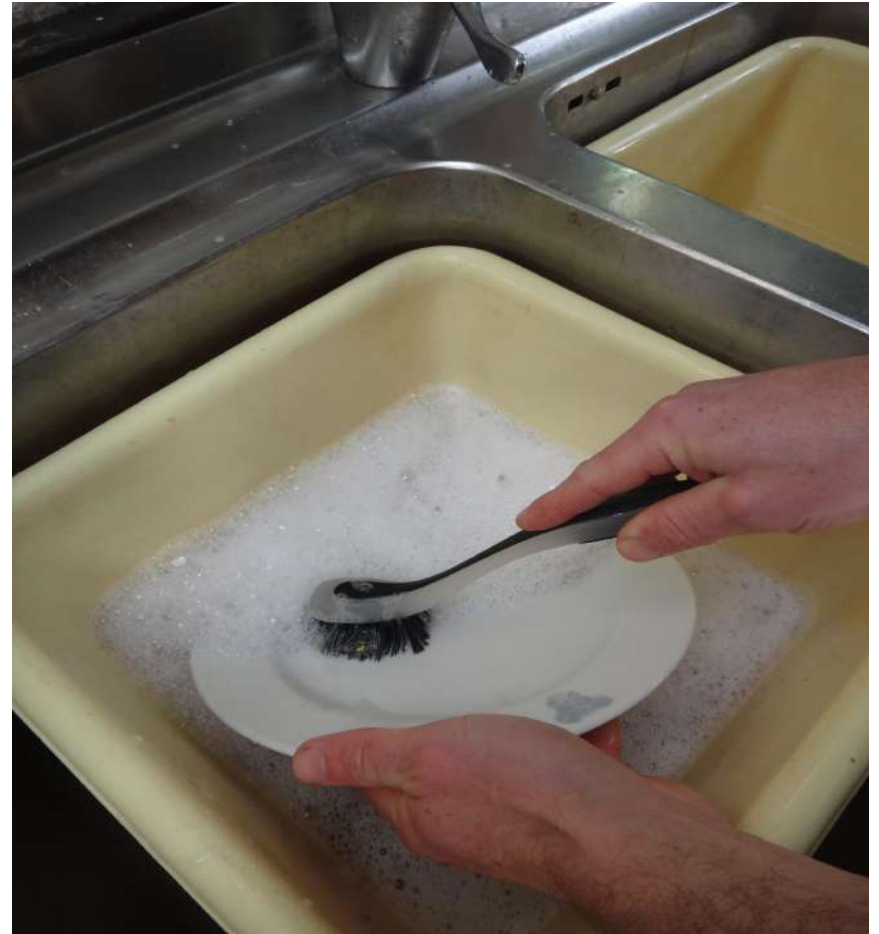
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We clean the  
dishes with soap  
and water

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Rinsing the soap  
from the dishes  
with clean water

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Tipping out  
the dirty dish  
water to be  
reused

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In the  
shower  
and  
laundry  
area

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We use natural  
and locally  
produced soap in  
the shower

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We use natural  
soap in the  
washing machine

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Water from  
the shower  
and washing  
machine  
comes out  
through the  
filter

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The  
natural  
filter uses  
papyrus  
plants to  
clean the  
water

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The  
filtered  
water is  
used to  
irrigate  
the mint  
garden

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The water  
from the  
house  
passes  
through a  
natural  
filter

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The  
household  
water filter  
also works  
with  
papyrus  
plants

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The water  
comes out  
of the  
filter

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The filtered  
water  
enters in the  
'Tipper box'  
(an apparatus  
used for the  
distribution  
of grey water  
to the  
vegetable  
gardens)

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The water is  
distributed  
equally  
between 14  
tubes that go  
out to the  
gardens

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The water  
enters  
into the  
food  
garden

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The 14 food  
gardens in  
Casita  
Verde are  
irrigated  
with  
recycled  
water

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# The drinking water system

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We use  
the roof of  
the main  
house to  
collect the  
rainwater

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The  
entrance  
of the  
water  
from the  
roof of the  
main  
house

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The water  
enters the  
cistern of  
14,000  
litres  
situated  
underneath  
the house

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The  
entrance  
door of a  
typical  
cistern in  
the Ibiza  
countryside

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The water is pumped back up from the cistern to the roof with an electric pump and is stored in a 500 litre container hidden behind this huge ivy plant

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On the way  
from the  
cistern to the  
water tank the  
water is  
activated with  
a special  
japanese  
device

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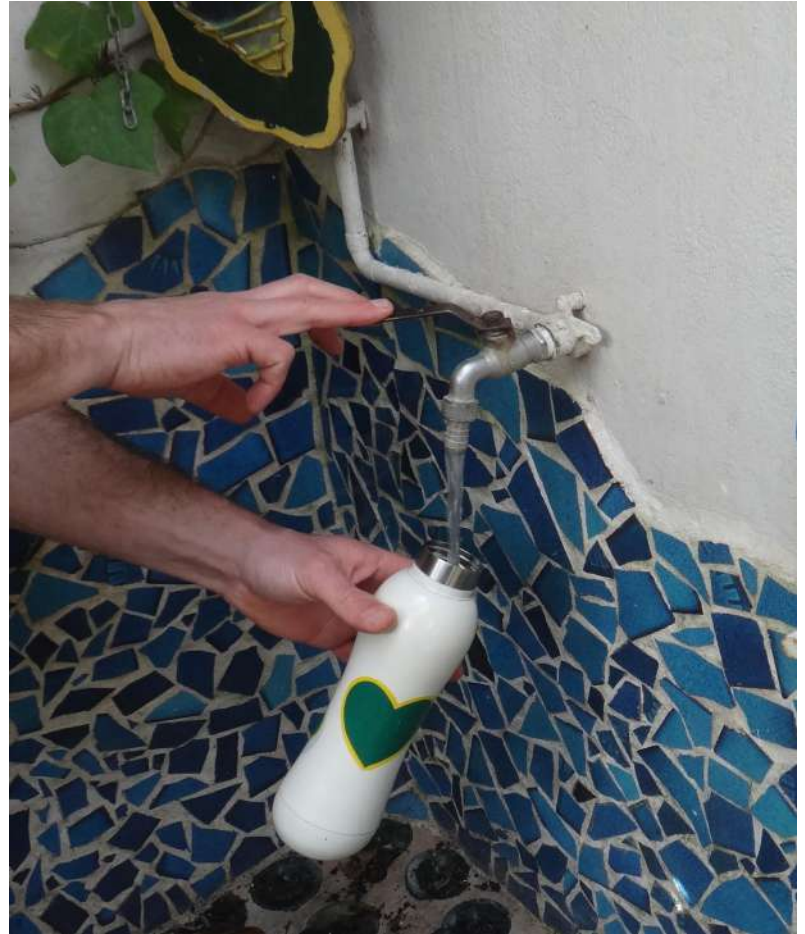




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Filling a bottle  
with activated  
drinking water  
from the rain

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## Eco toilet suite

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One of the  
eco-toilets at  
Casita Verde

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After making our  
donation we throw a  
measure of sawdust  
into the toilet, instead  
of flushing the usual  
11 litres of water used  
in a conventional  
toilet

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We wash our  
hands with  
rainwater  
collected from the  
roof of the toilet

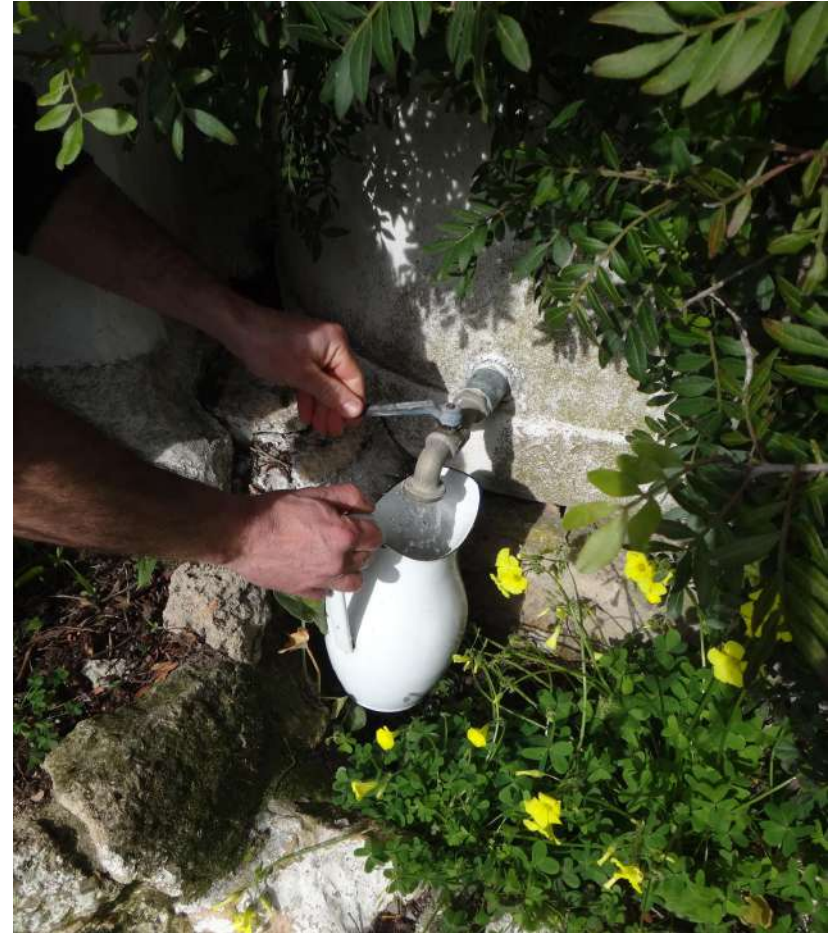
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We fill the jug  
with water from  
the tank situated  
next to the eco  
toilet

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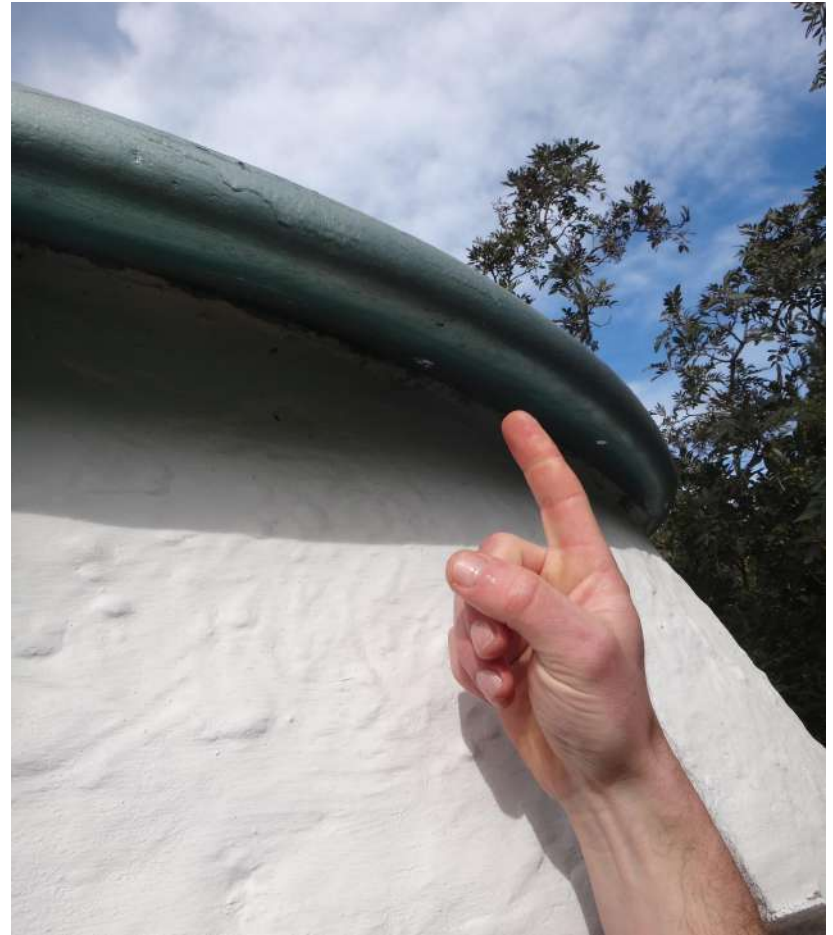




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The rain water  
enters the tank  
from a channel  
around the toilet  
roof, which is  
made from an old  
satellite dish

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The area behind  
the eco toilet



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Removing the  
humanure  
compost from the  
eco toilet

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The compost is  
used to fertilize  
the trees and  
ornamental plants  
around the farm

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The boys' toilet



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We collect the  
urine to fertilize  
some lemon trees  
and we clean the  
bowl with  
rainwater

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The lemon trees and banana tree are fertilized by the urine and water from hand washing in the eco toilet. This is how not to waste a single drop of water!

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CASITA VERDE

If you want to know more about  
how to save water and live a more  
sustainable life, you can visit us on  
Sundays at Casita Verde

The Green  
of our L  
for the

El Corazón  
de nuestro  
por el

Das Grün  
für unsere  
für die

www.