



*(W)C*

Peter Scheer

SEMiLLA Sanitation – Nijhuis Saur Industries



## *(W)C lot?*

Peter Scheer

SEMiLLA Sanitation – Nijhuis Saur Industries



## *(W)C kansen?*

Peter Scheer

SEMiLLA Sanitation – Nijhuis Saur Industries



**Think like an astronaut**



SEMILLA  
sanitation



nijhuis



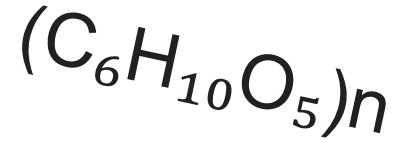
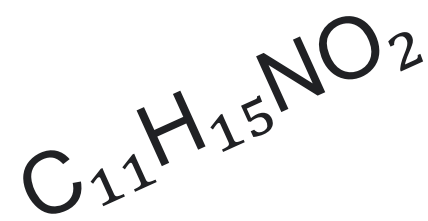
**Er is alleen 'gebruikt' water**

**Sanitair:**

**Grijs, geel en zwart water**



(W)C?



Compost



# Shower water recycling for flushing toilets Festival Zwarte Cross



# Pee-to-tea





**MADNES** 2023  
SURF, SKATE, MUZIEK. FESTIVAL  
30 JUNI - 2 JULI  
AMELAND



# 2023 Yellow Water Vierdaagse Feesten - Madnes



D E I L

# 2023 Yellow Water DGTL Amsterdam



# Pee-to-tea



**D E F I**

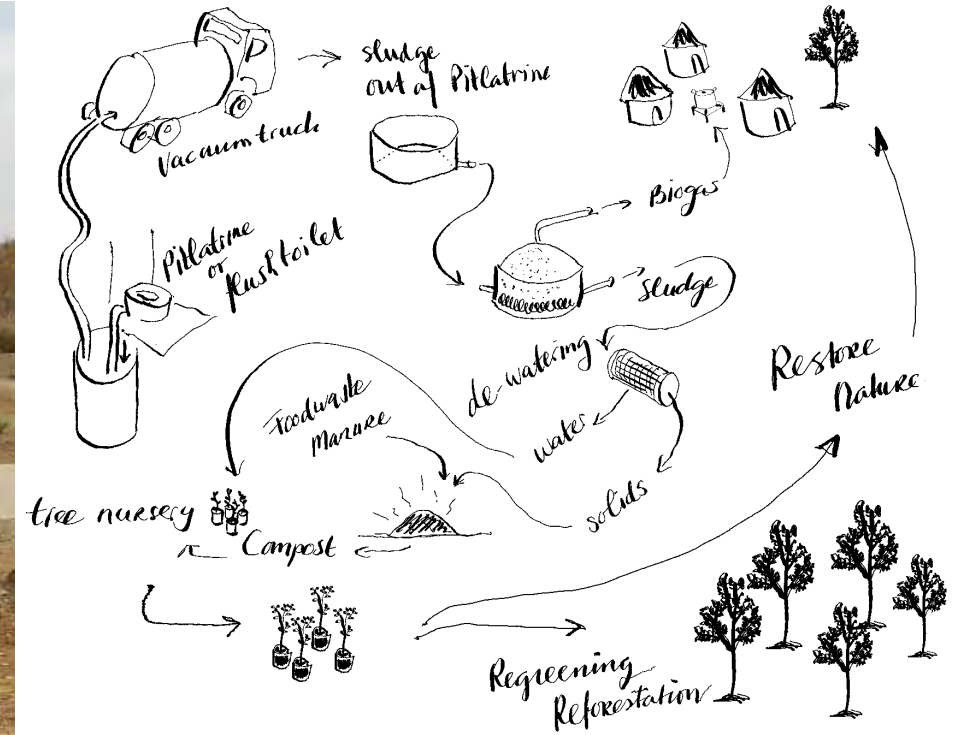
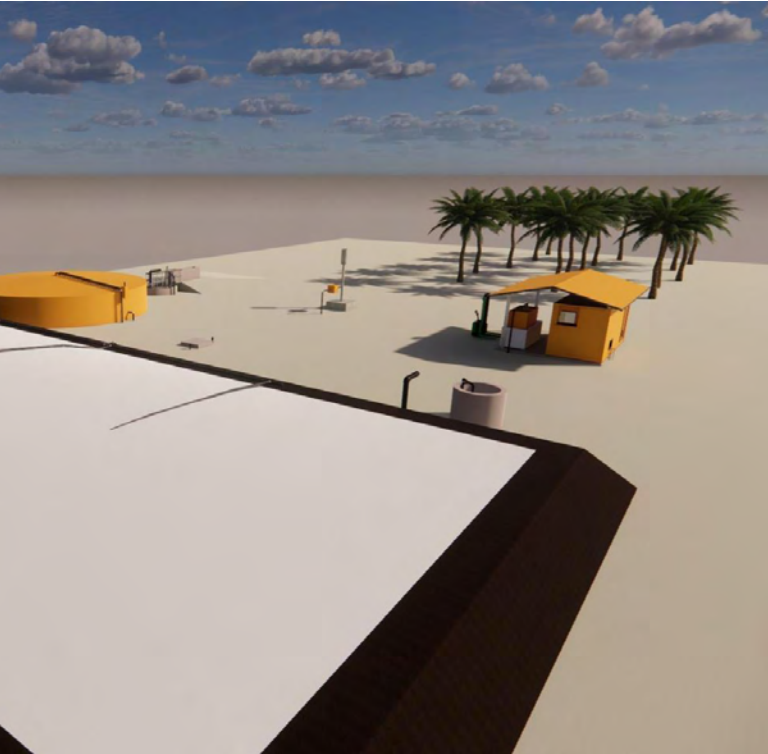
# 2022 Black Water DGTL

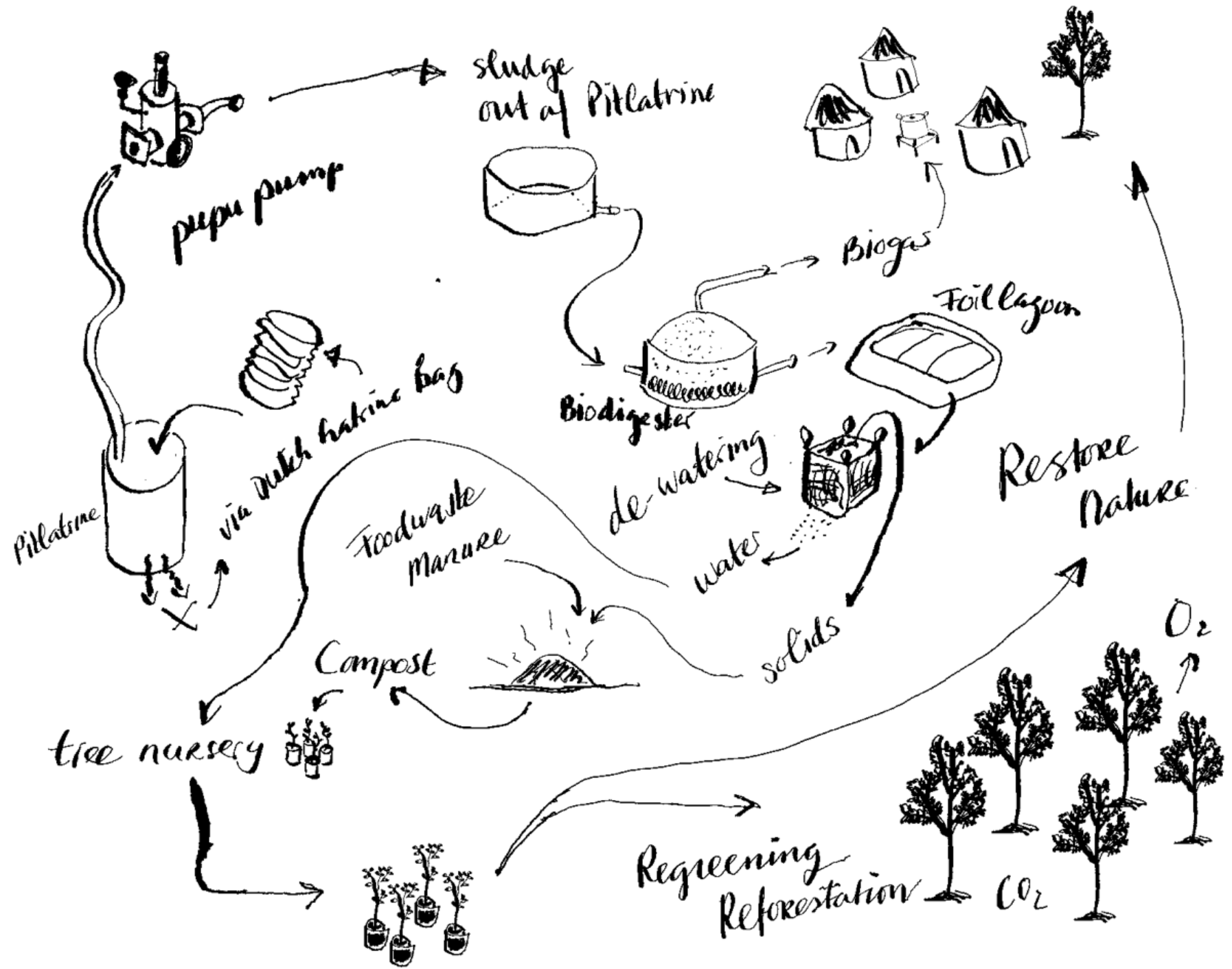




# Pee to Pitch Forest Green Rovers (UK)



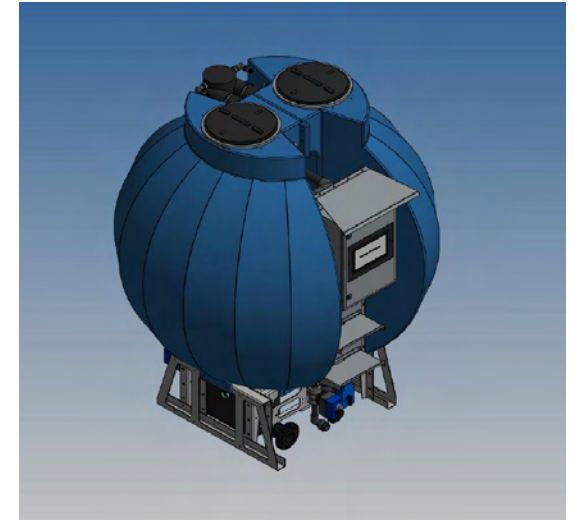
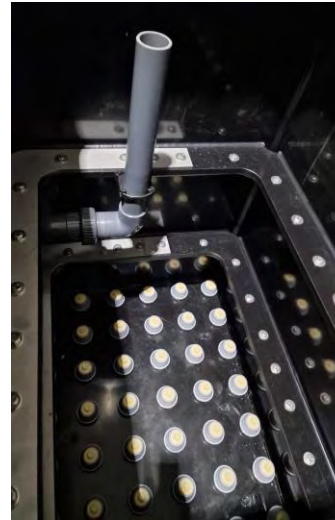




# Project Heuvelstraat

Drinking Water / Grey Water / Black Water

- 28 houses waterneutral & sewageless
- Rainwater harvesting
- Drinking water production
- Water saving 40% by grey water recycling
- Composting black water
- Black water discharge via ground infiltration (speciale design MBR+ in cooperation with Jotem Water Solutions for 4,5 m3 per day)
- Specially designed drinking water unit (in cooperation with Jotem Water Solutions and Drinking Water Company Vitens)

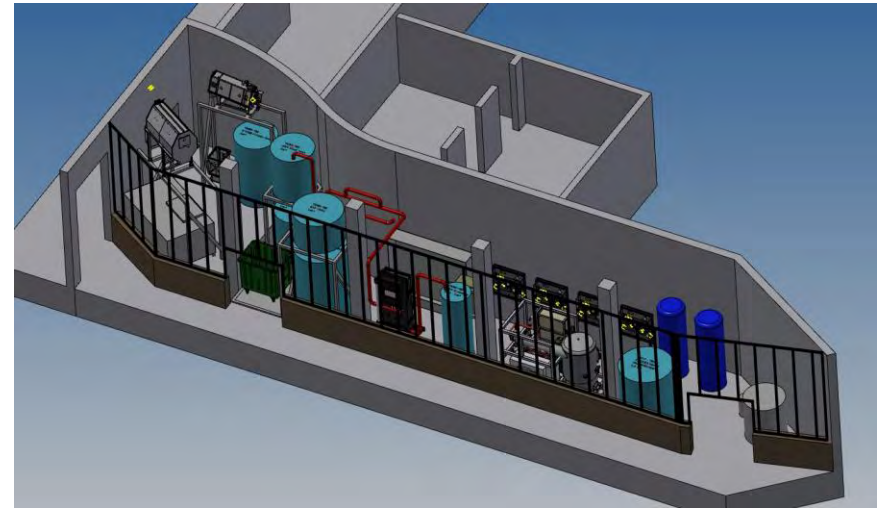




# BlueCity Circular Water

Grey Water / Yellow water / Black Water

- Office building
- Event place
- Rainwater harvesting
- Water saving 40% by grey water recycling (special design by Jotem Water Solutions)
- Vacuum evaporator for yellow and black water
- Composting black water



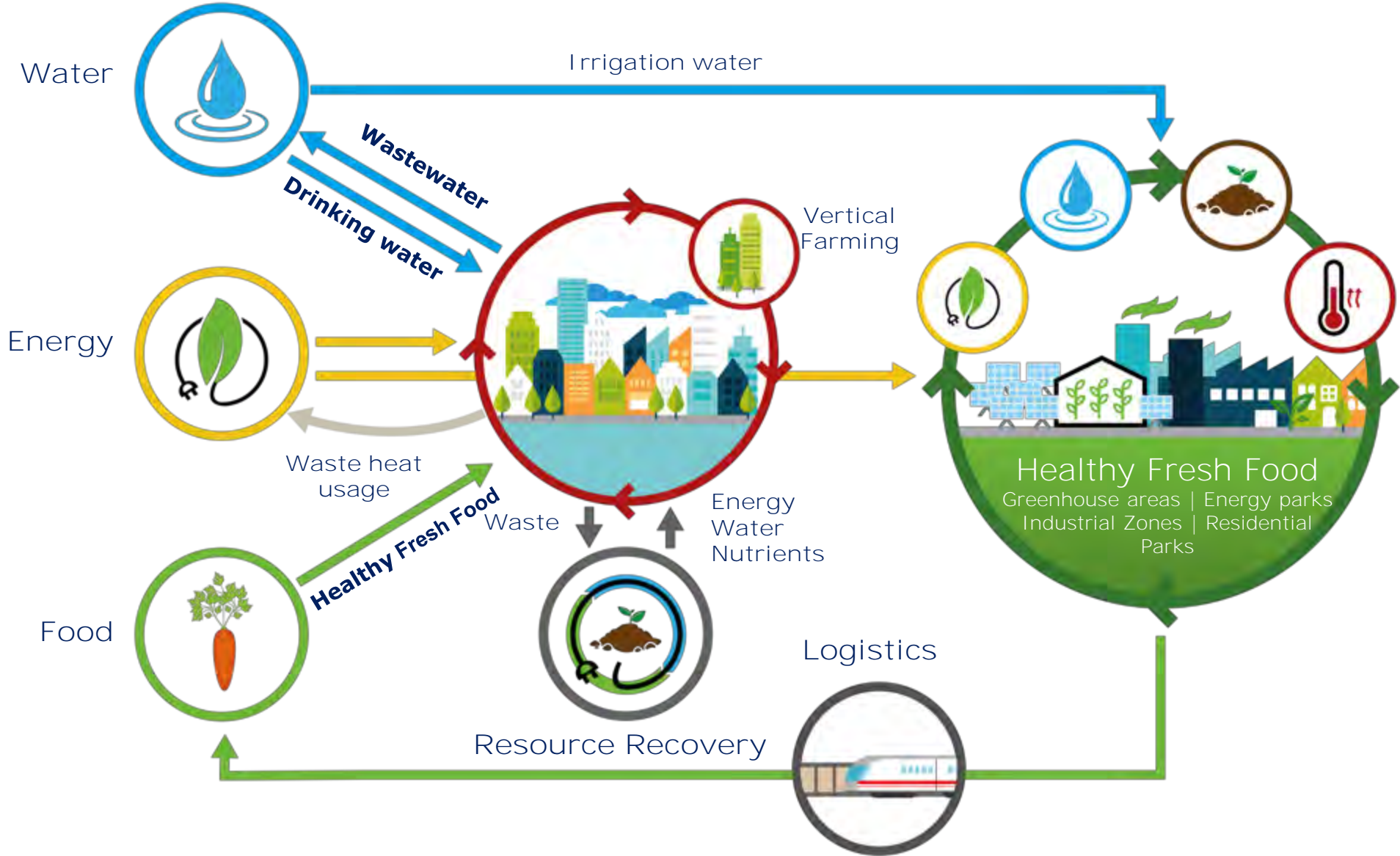
# Living Lab Green School

## Black Water – Grey water

- School
- 1000 students
- Reuse black water
- Irrigation water
- Flushing water



# The circular and smart city



Scan to keep in contact:



Peter Scheer  
[peter.scheer@nijhuisindustries.com](mailto:peter.scheer@nijhuisindustries.com)  
+31 (0)6 51534039



**#missionwater**