

BELGIUM

GOES

GREEN



#BelgiumInKenyaGoesGreen

The Net Zero Embassy of Belgium

**Baby-boomers
and Millennial
kids :**

The Inspiration.





The Example:

In December 2021 we went to Emboo River Camp and met this inspiring Belgian

HQ approval





Electric power : off grid
with redundancies



Water capture : off grid
with redundancies



Water recycling : re-use
everything we consume

The Elements



Hydroponic gardens :
vegetables and herbs



Gas : what we don't
consume we turn into
gas and fertilizer



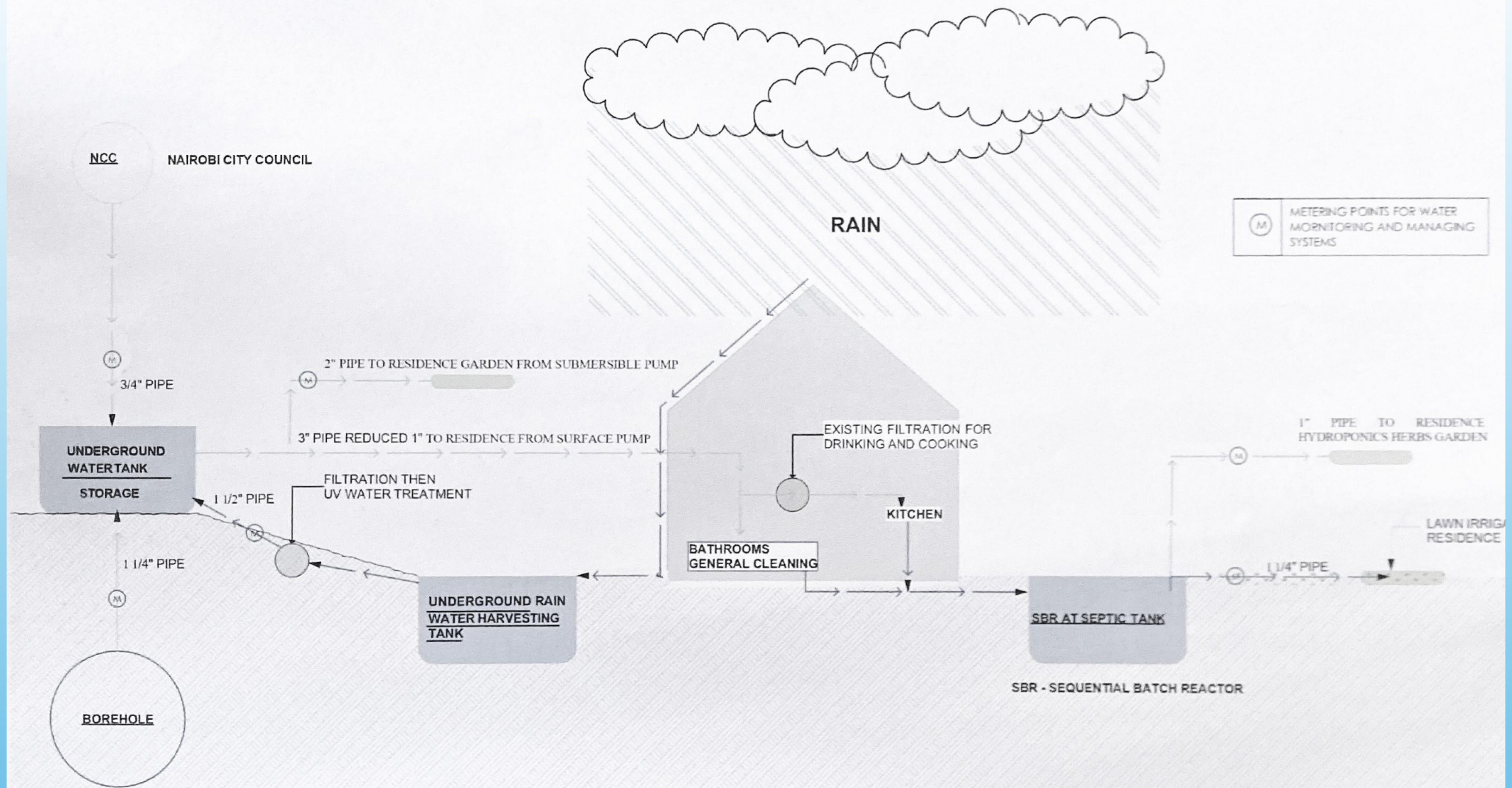
Electric Power

Off grid with redundancies



Water capture

Off grid with redundancies



Water Capture and Re-use

Water recycling

Re-use everything we
consume



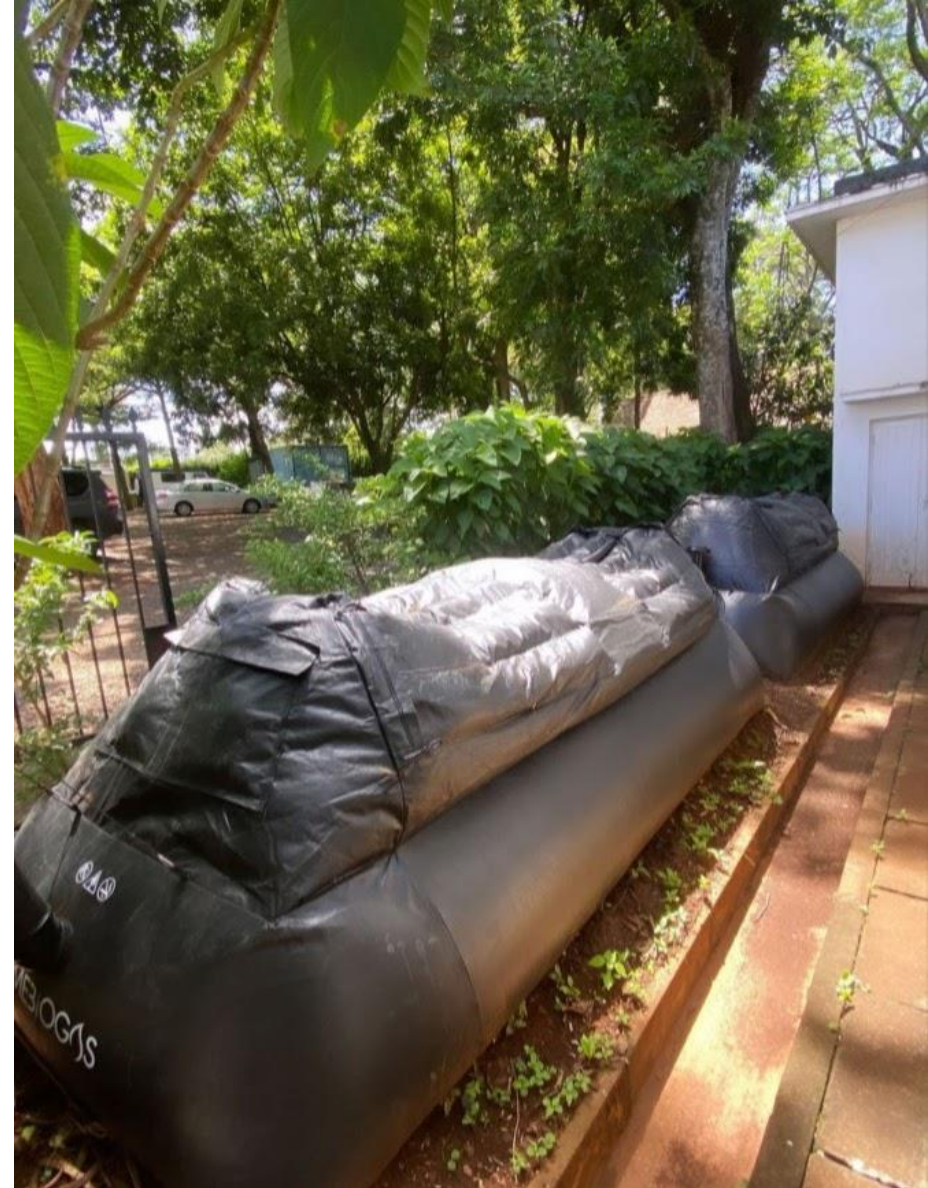


Hydroponic gardens

Vegetables and herbs

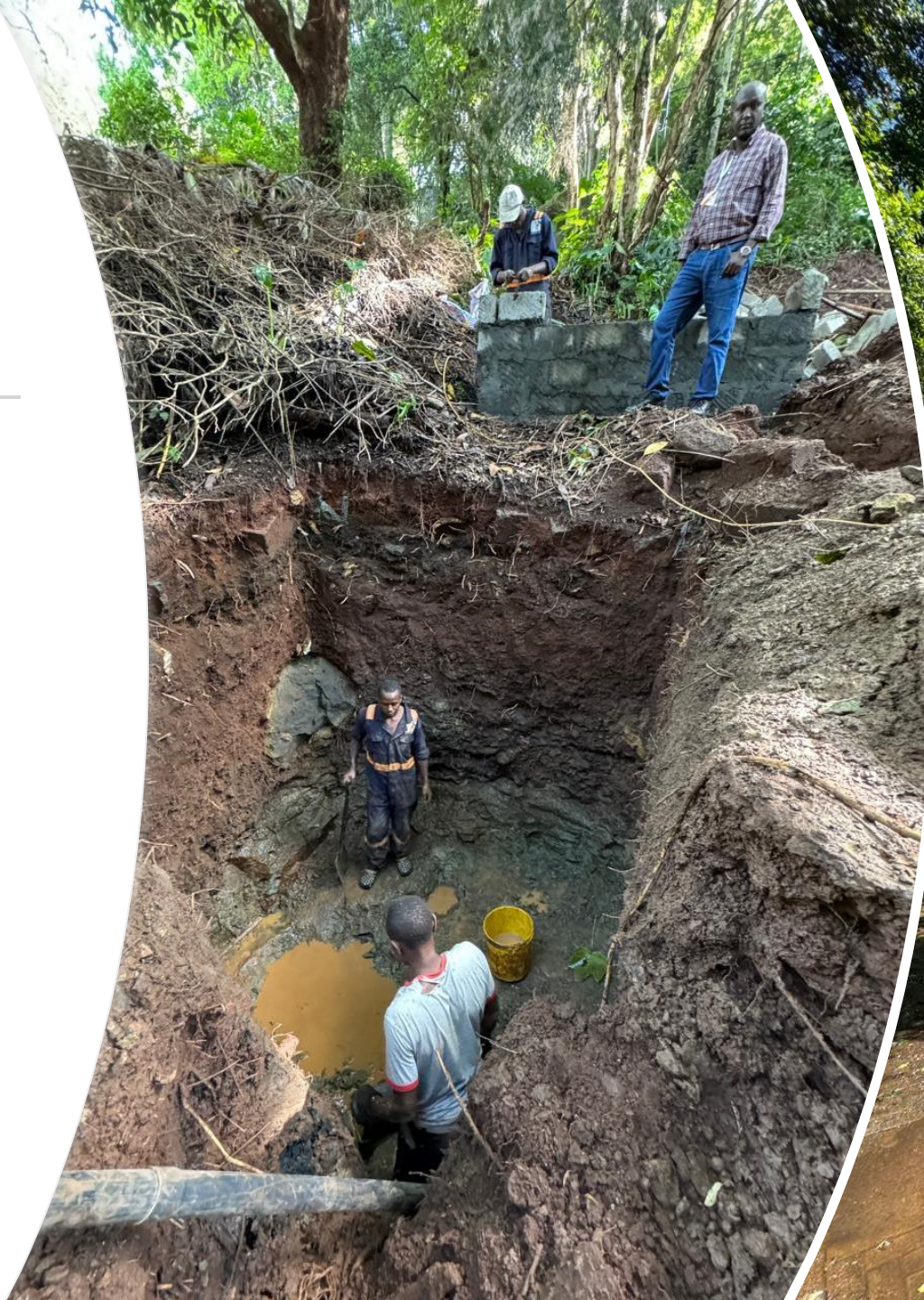
Bio-Gas

What we don't consume we
turn into gas and fertilizer



Challenges on the way

- Underestimated battery capacity needs
- Rain during construction
- Car port destroyed during rain storm
- The vertical vegetable garden is a constant learning exercise
- Finding the right timings for “feeding” the gas-bags



Improvements
& Next steps :
move from
“net zero” to
“carbon
neutral” or
even “carbon
negative”



INCREASE BATTERY CAPACITY



INCREASE GAS PRODUCTION



YEAR-ROUND CALENDAR FOR
VEGETABLES – INCREASED AND
MORE EFFECTIVE PRODUCTION



TRAINING AND EDUCATION
FOR USERS AND
MAINTENANCE STAFF



- Loic & Valery at Emboo River Camp
- The Embassy teams : Admin, Gardening, Residence, Expats, HQ.

The People



So, finally :

**FIRST BELGIAN EMBASSY
IN THE WORLD
AND
FIRST EMBASSY
IN NAIROBI
TO BE OPERATING WITH
NET-ZERO EMISSIONS.**

**FEEL FREE TO
COPY OUR IDEAS!**

Thank you!

