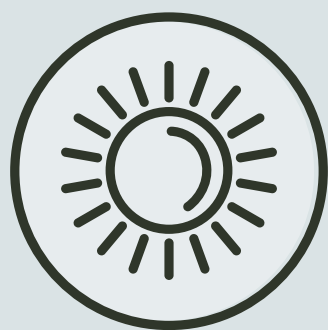


GAME TIME

EMBOO RIVER APPLIES INNOVATION & TECHNOLOGY TO BE ECO FRIENDLY, SUSTAINABLE AND THE FIRST CARBON NEGATIVE AND CLOSED LOOP LODGE OF ITS KIND.

LET'S BREAK THIS DOWN IN SOME NUMBERS



100% SOLAR POWER = 0 generator = 0 noise = 0 fuel

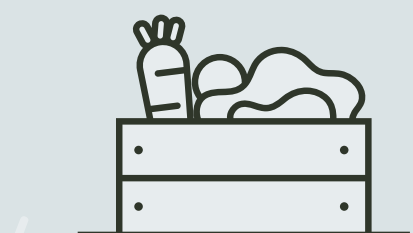
7.2 KWH CAMP CONSUMPTION + VEHICLE CHARGING
= daily consumption

24/7 POWER 120 m2 solar panels

26.4 KWP GENERATION + 70 KWH STORAGE CAPACITY
3 hours of sun = full charge

100%

SOLAR POWER



FARM TO FORK

100% flexitarian menu & vegan lunches

Studies show that moving to a flexitarian diet could reduce greenhouse gas emission by over 50%

2 acres local garden 100% organic
> 40 different vegetables, herbs, fruits



ORGANIC HONEY

17 traditional beehives

ELECTRIC VEHICLES

1990S LANDCRUISERS

100% solar powered
No Internal Combustion Engine (ICE)

0 noise

100% sounds of nature
100% scents of the savanna



CAPACITY / VEHICLE

34 kWh battery capacity / vehicle

3.2 nominal voltage per battery cell
and capacity of 320 watt

> 13 year battery lifespan

0 rare-earth metals

0 GR CO2 emission during drive

VS

350 gr CO2 emission / km
for ICE Land Cruiser

70 gr CO2 emission / km during full lifespan
(development, use & recycling)

=
REDUCTION OF 85% vs ICE Land Cruiser

ROOTING FOR OUR FUTURE

50 trees planted / month
100s of trees in nursery awaiting planting

1 TREE ABSORBS
~ 22 kg CO2 / year

1 YEAR OF TREES PLANTED ABSORBS
~ 13 200 kg CO2 / year



PLUG IN TO FAST CHARGER



SET CHARGING SPEED TO 11 KW



CHARGE FROM 0 TO 100% IN 1.5 HOURS



FULL DAY GAME DRIVE

0%

SINGLE USE ITEMS

ZERO WASTE

Maximum waste reduction
Minimal waste remaining is upcycled

3 Bricknic dishes + 30 beeswax cloths
= 0 tin foil or cling wrap

1 bamboo straw gifted / guest



Beeswax cloth used to wrap food.
100% REUSED.

0 METAL 0 MINING
0 PLASTIC 0 TRASH

Saved **180 METRES** of tin foil
and **120 METRES** of parchment paper / year



WATER

100% waste water cleaned
2 lagoons with 6 species of local plants

0% water untreated
0 septic tank
0 effluent waste

100% eco cleaning products
0 toxins

100% solar heaters for warm water
200 liter capacity / heater
72 hours warmth

100%

WATER RECYCLED

NATURAL SWIMMING POOL

Ecosmarte system
100% natural copper ionisation & oxidation system

1 swimming pool
0 chlorine
0 salt



RECYCLED WATER CAR WASH & TOILETS

Fresh water saved per year
by using recycled water

295 650 LITRES



TRASH TO TREASURE

100% on site **RECYCLING**
100% **UPCYLING** of glass, paper and plastic

ALTERNATIVE FUEL

Biodigester turns organic waste into biogas for cooking and bio-fertiliser for vegetable garden.

Creating of eco briquettes (made from waste paper and sawdust).

- Reuse waste
- No deforestation for firewood or charcoal
- Healthier for cooking
- Women led business
- Income generating for young talent



BUDGET

MONTHLY SAVINGS
Compared to
traditional safari camp

USD 6 300 on water
USD 5 000 on fuel (for energy and cars)
USD 296 on parchment paper and tin foil
USD 77 on pool chemicals

= USD 11 673 / month
= USD 140 076 / year
on basic operations

+ more savings on other eco aspects



INNOVATION HUB

YOU WANT TO MAKE THE OPERATIONS OF YOUR LODGE, RESTAURANT, COMMUNITY CENTRE, SCHOOL, HOME... SUSTAINABLE AS WELL?

YOU WANT ACCESS TO OUR FULL ECO STARTER KIT?

REACH OUT & THE EMBOO RIVER TEAM WILL ADVISE YOU ON HOW TO GO GREEN.

the emboo team