

(high cost, great idea)

mobility
drive
mechanically
(mechanically)

Sensor
modules

Solar
panels

Platform-Kingst

mobility (programming)
routing +
GPS

(high cost, great idea)

reel to
lower sensors (high cost, great idea)
~~Sensor~~ (sensor capsule)

Problem

enrichment

→ Portable

(customize)

network

Power
Source

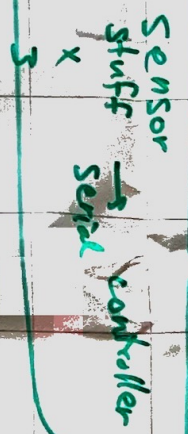
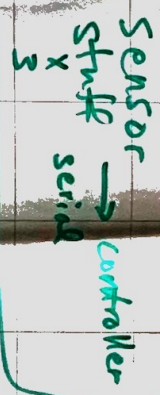
(rechargeable)

sensors

isolated network

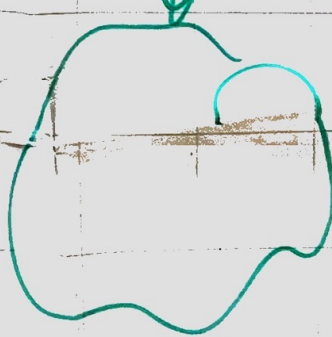
lake

device

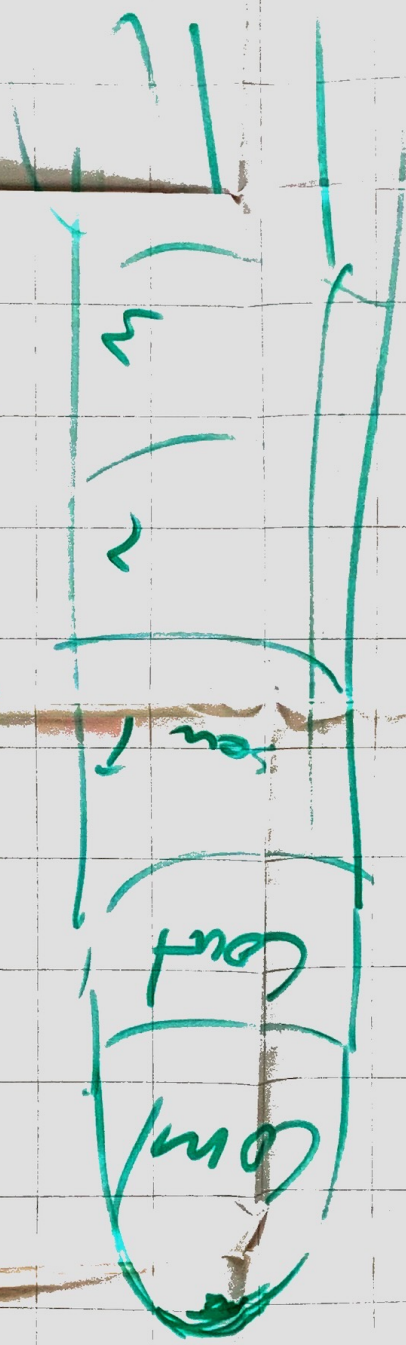


Sim/Cell gateway

Cloud



network design



device

Sensor
stuff

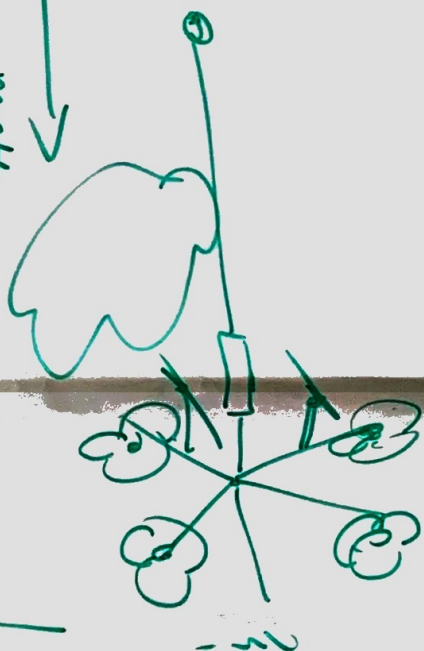
Sensor
stuff

Sensor
stuff

controller

edge
device

mqtt
protocol



Yes

Power

low consumption

measure 1x-day

extra features
visible

cleaning mech.
for water filtration

Portable

IP rated

floating

Submerged

hanging

buoyancy and
materials

(anti-fouling)

Robotics

unmanned

Pre-programmed
+ GPS

condensing devices

Sensors

1 m below
surface

mechanisms
to clear
sensors

water stuff

Power use. stuff

network

night

low

Power
communication