

# Technical

**Chris Piuggi**

so far...

How can agricultural adaptation  
become catalyst to change?

**1** gallon water = **1** lb. fish | **1** lb. crop

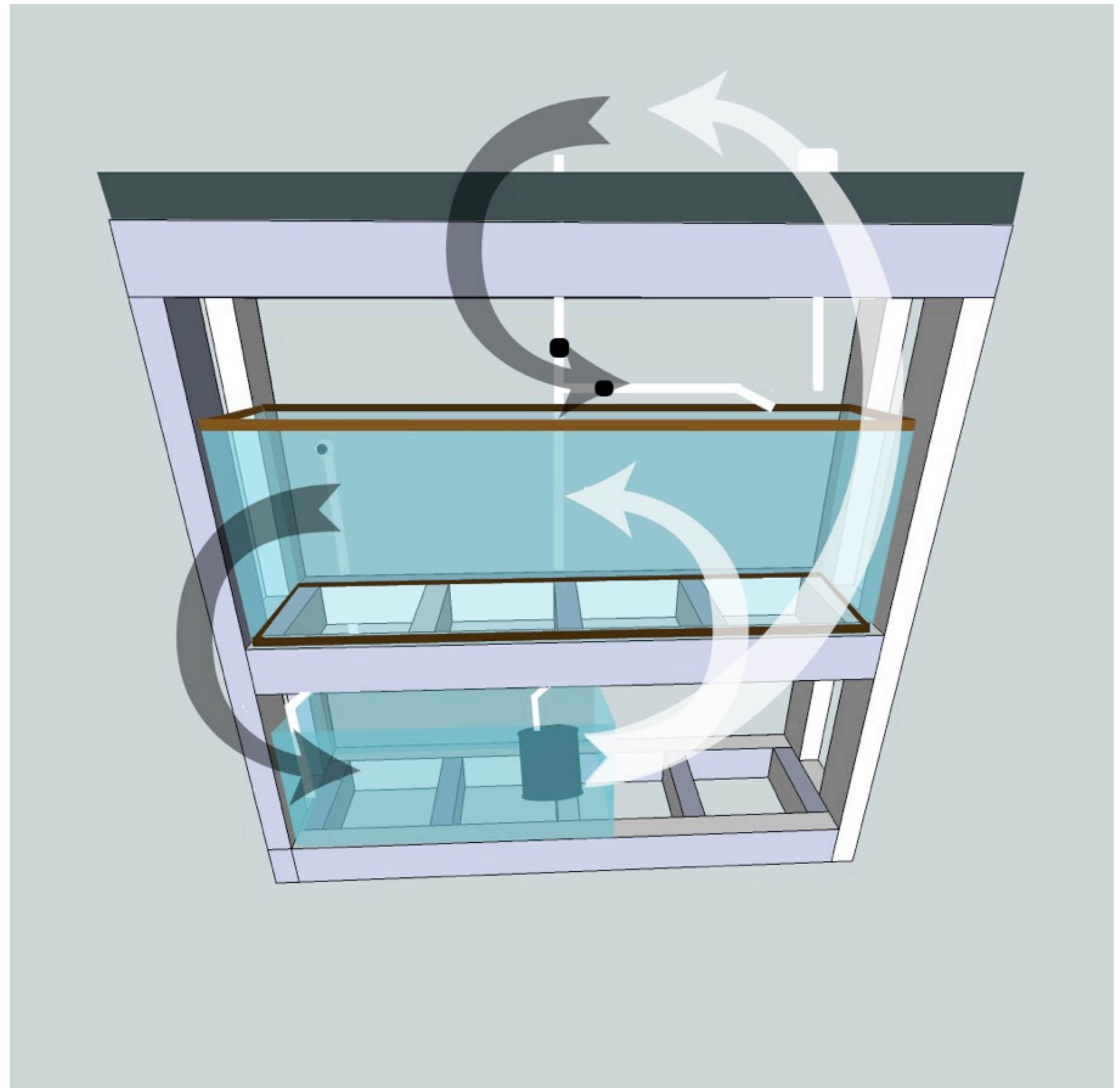
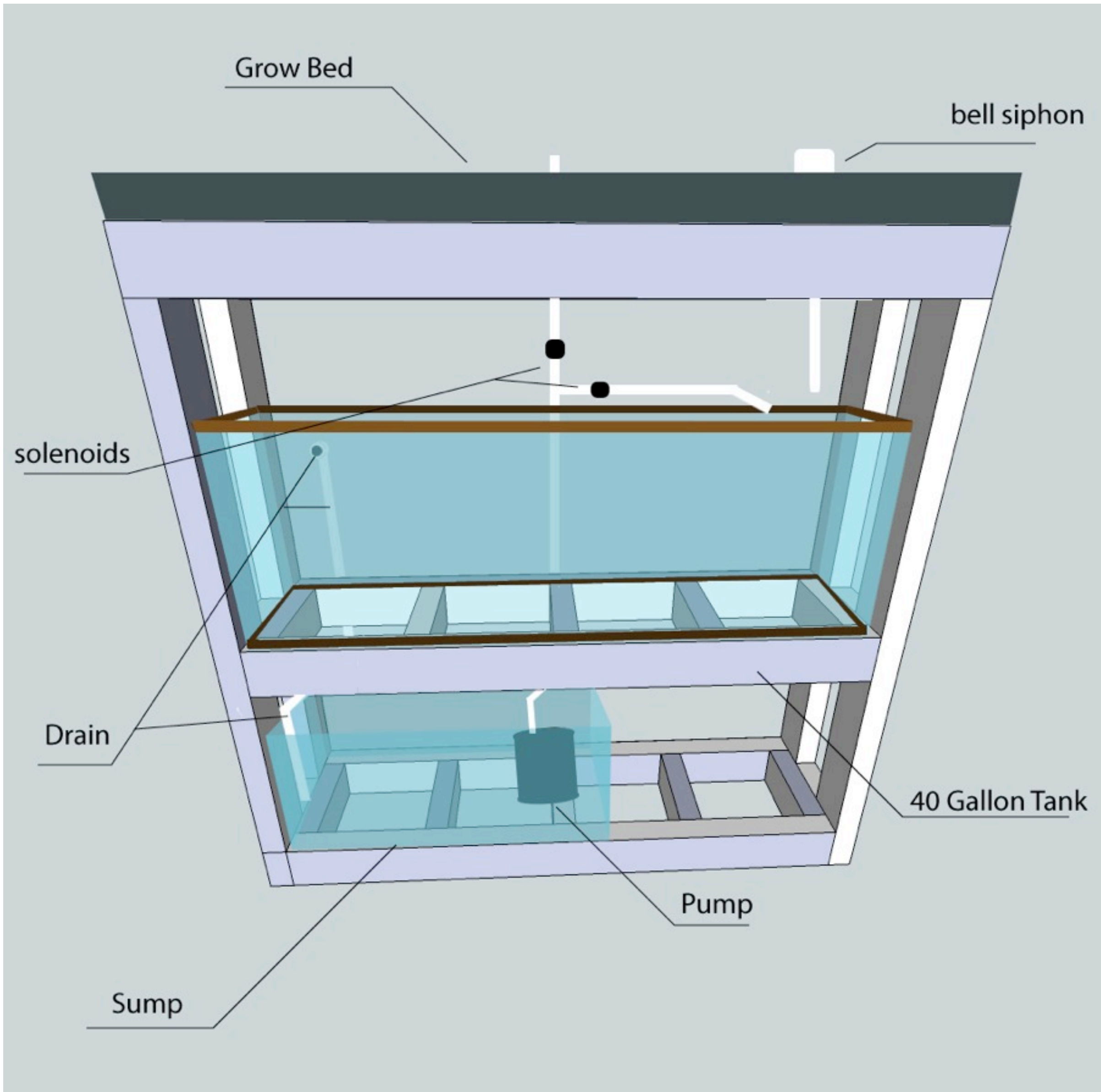
F1 Basics Recirculating System. Fish Family Farms.

Scalable | Modular | Affordable

**2** crop cycles / year

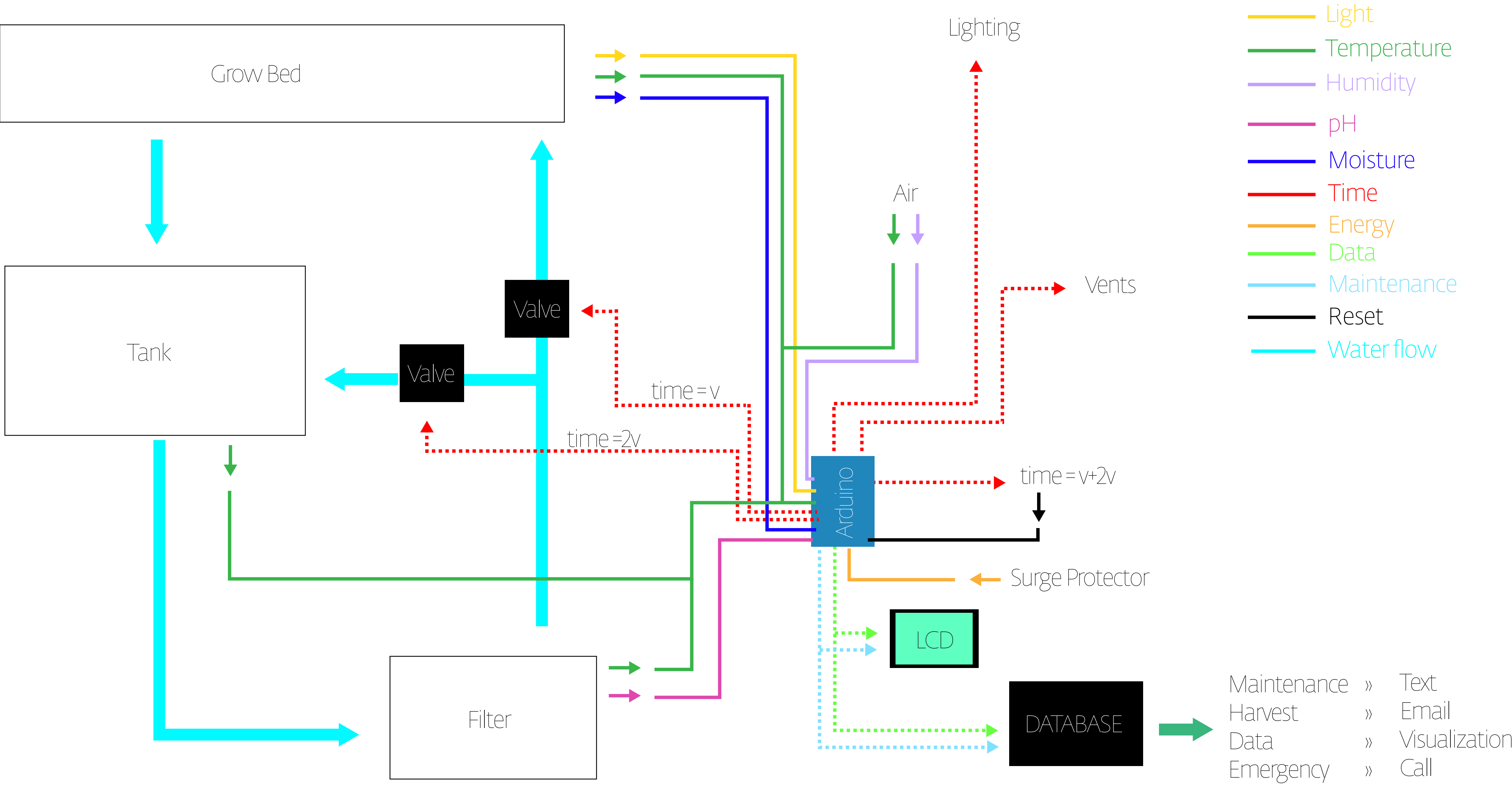
**1** lb. crop / **1** gallon of water

**1+** fish stick



# Scalable

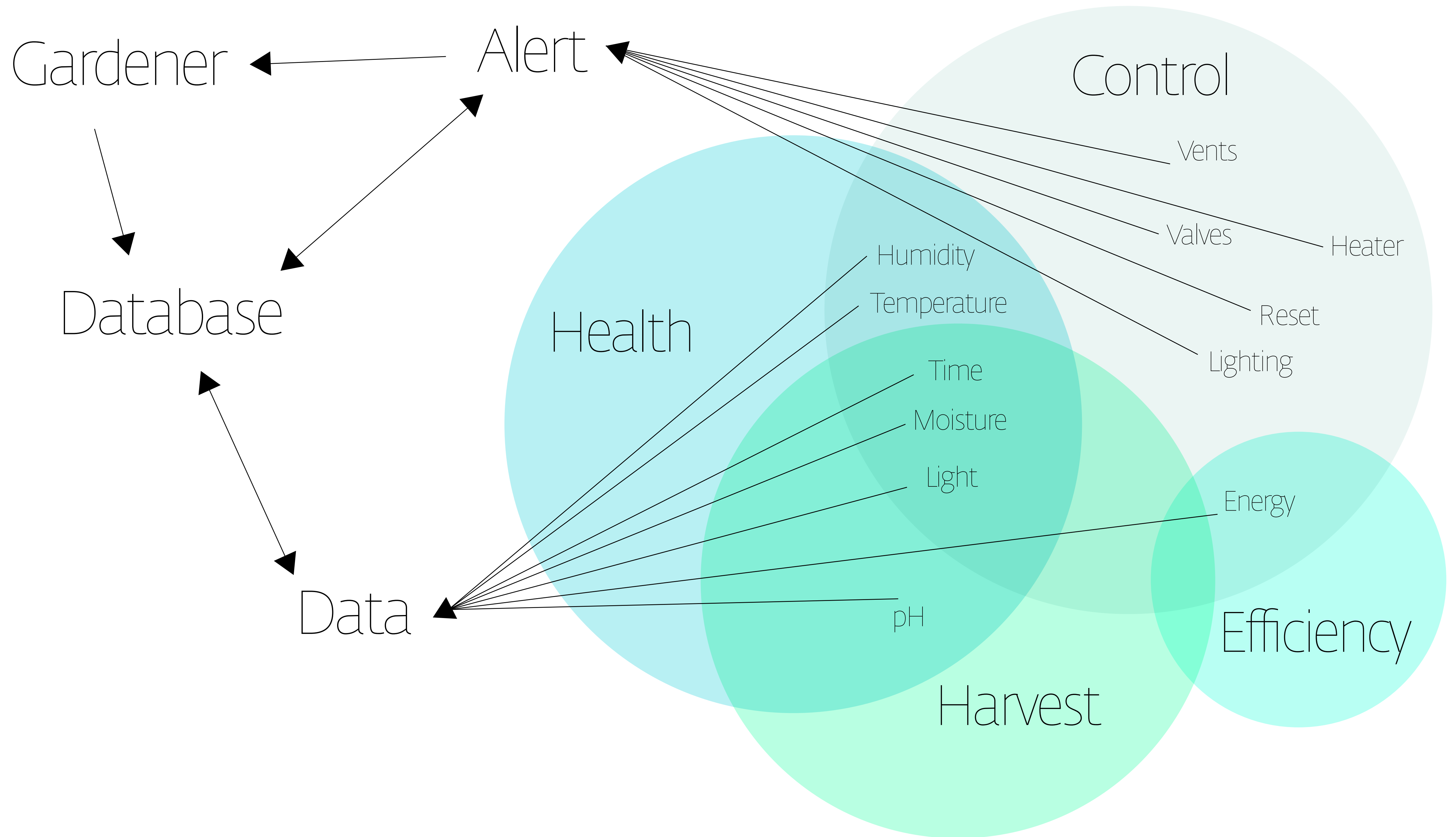




# Data

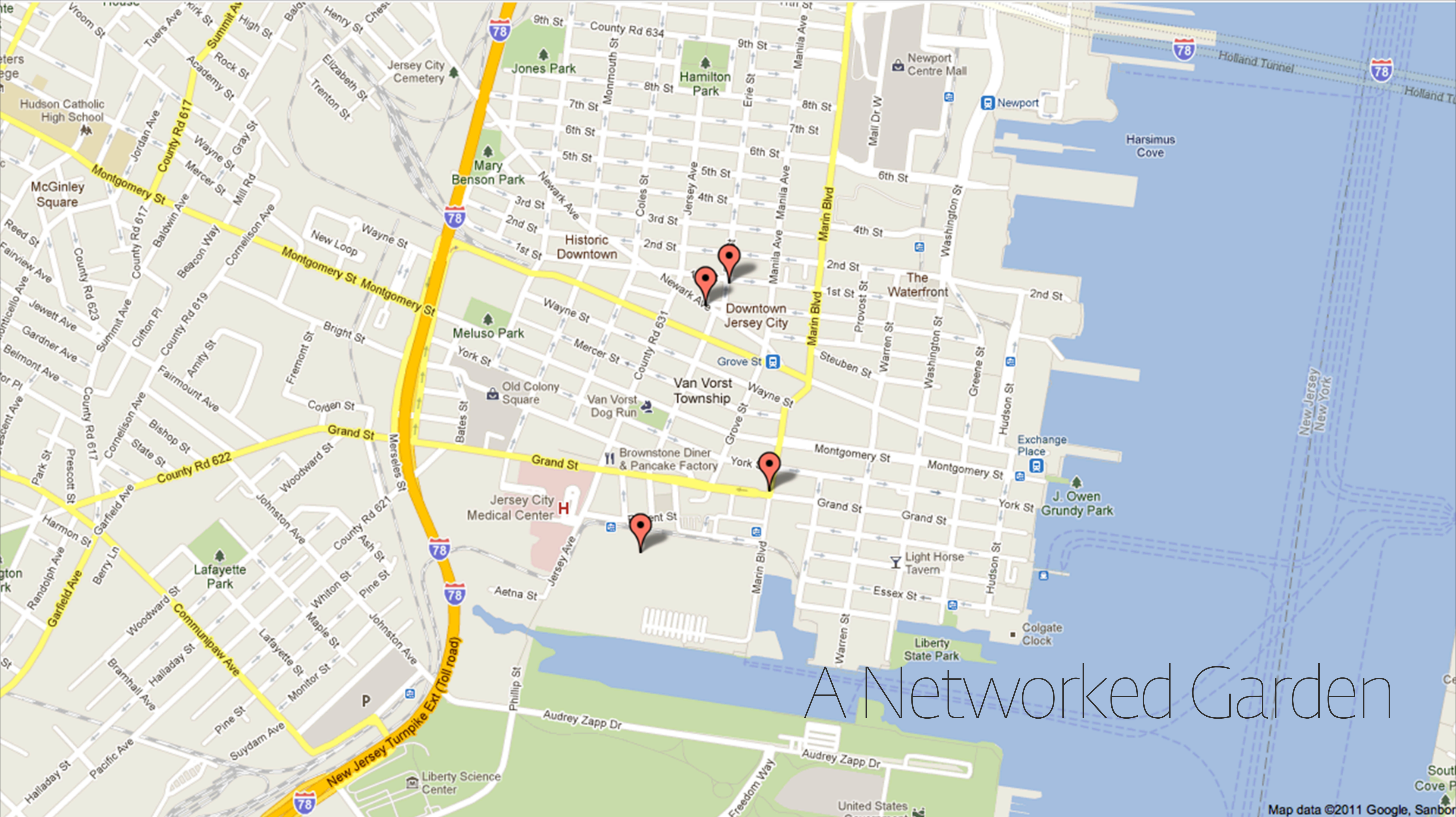
# Use

Light	»	Health, Harvest & Lighting Control
Temperature	»	Health & Vent Control
Humidity	»	Health & Vent Control
pH	»	Health, Harvest
Energy	»	Efficiency
Moisture	»	Health, Harvest & Valve Control
Time	»	Harvest & Valve Control



# Modular

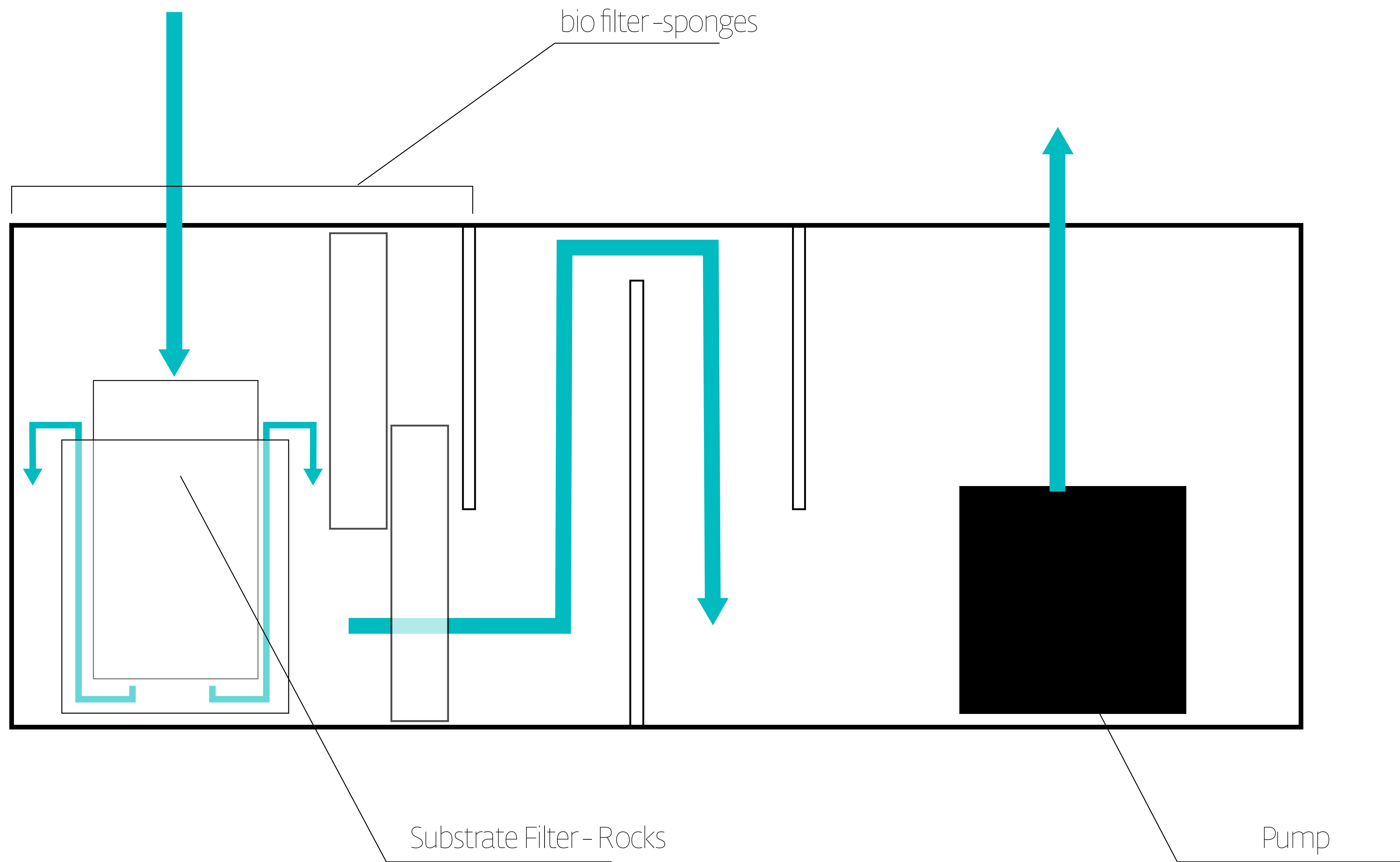




# A Networked Garden



Affordable



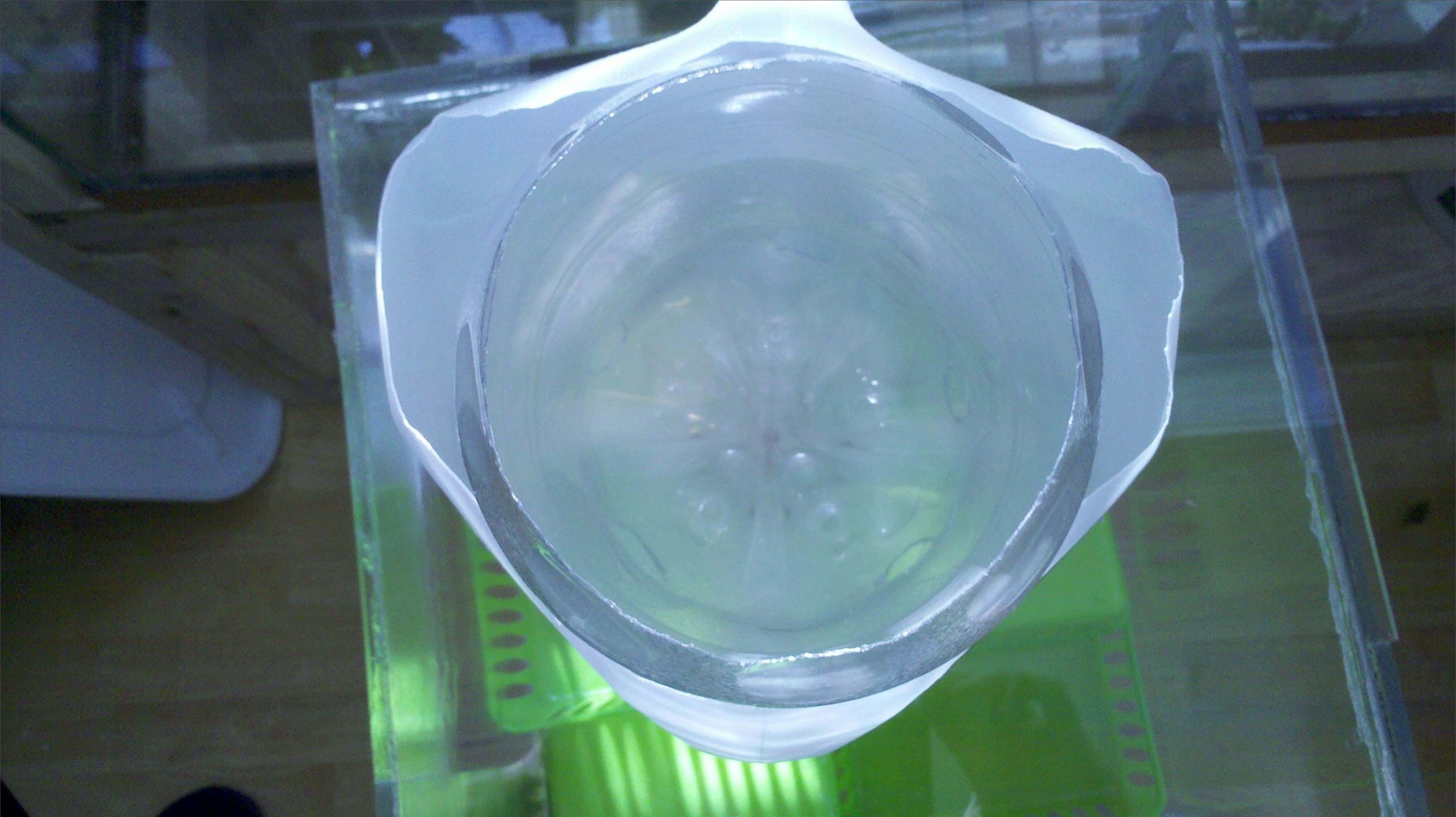






























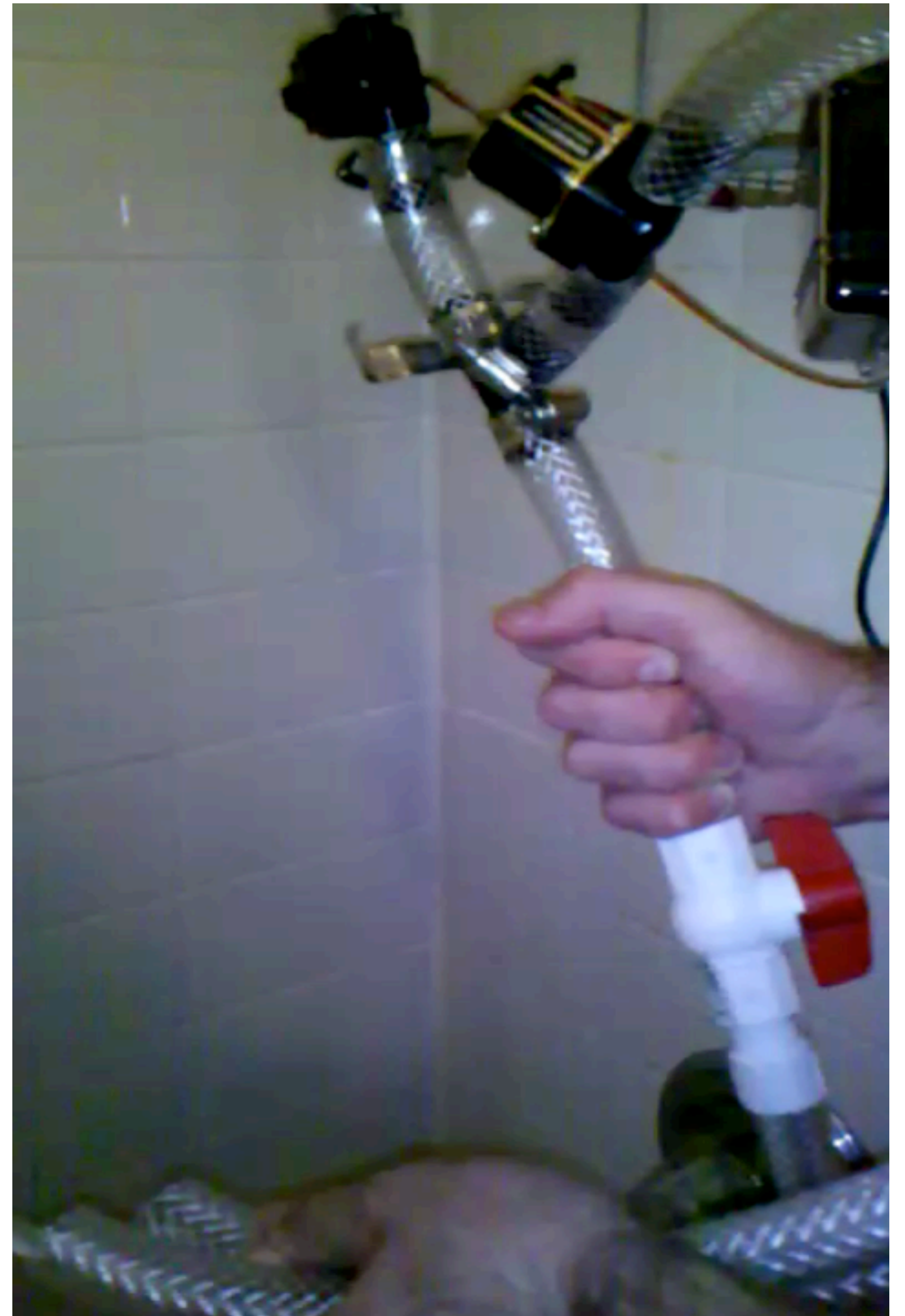
An efficient networked Aquaponics garden  
to foster sustainable communities.

## In progress

- Valve Control
- Temperature

## This week

- Light
- Humidity
- Water
- Moisture





Thank you