

Evaluative

chris piuggi

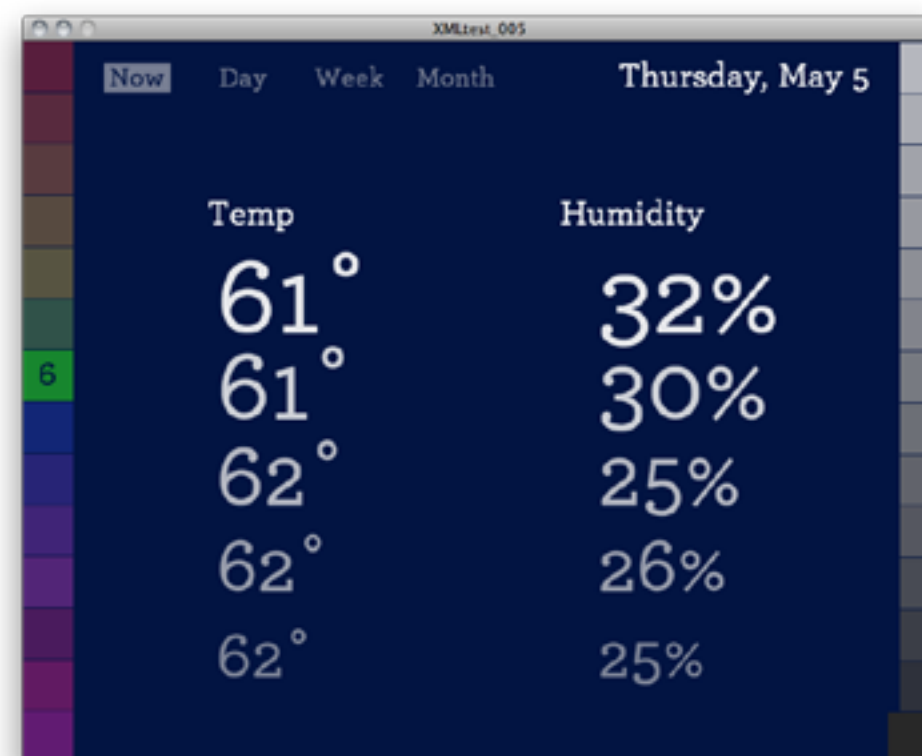
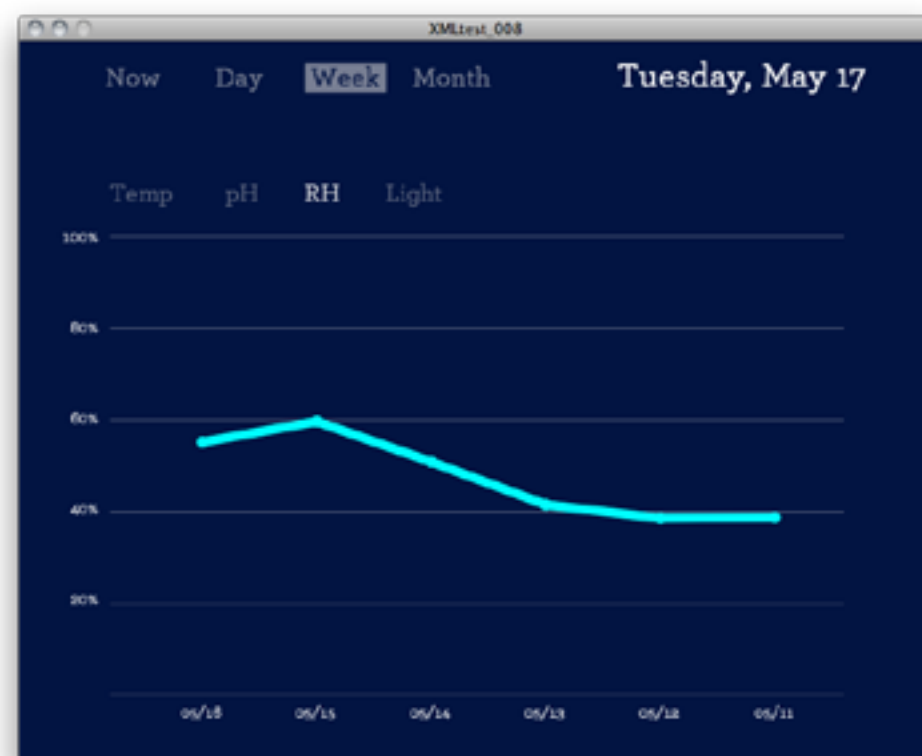
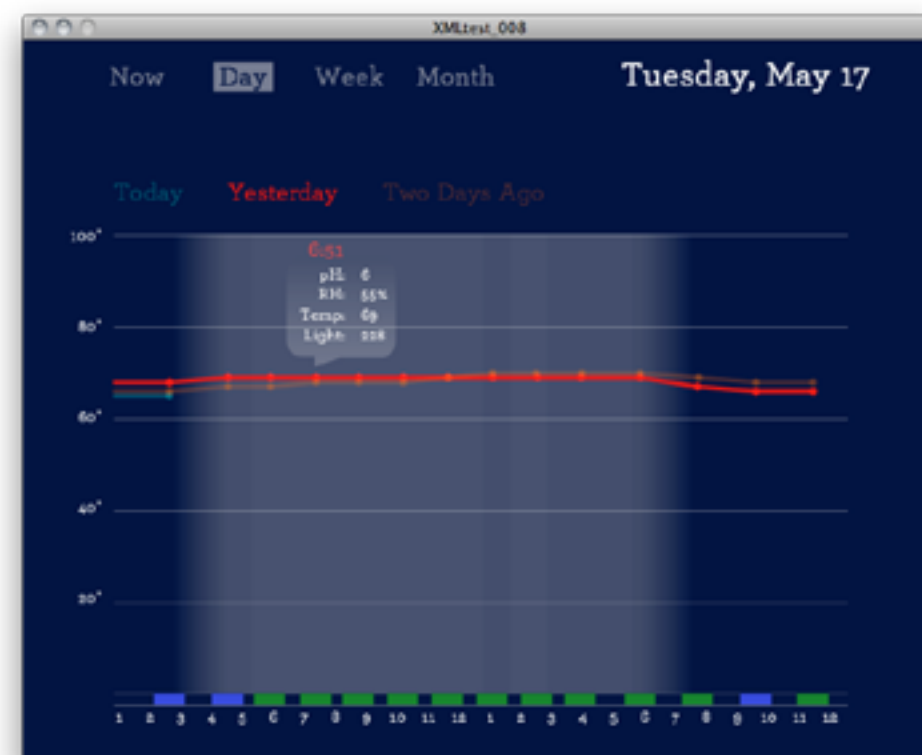
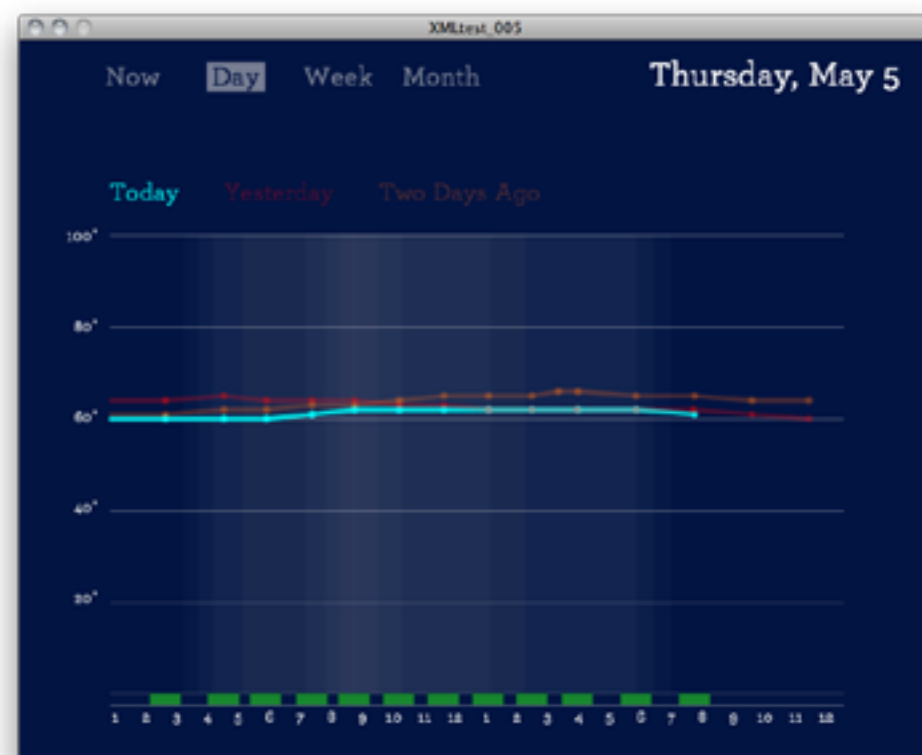
~~An efficient networked Aquaponics garden
to foster sustainable communities.~~

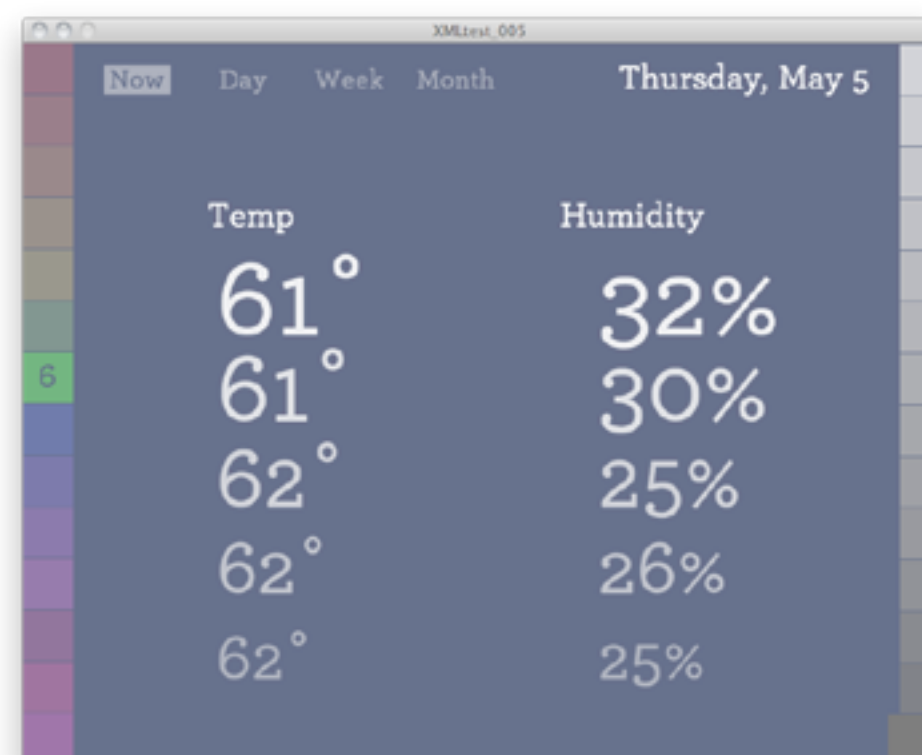
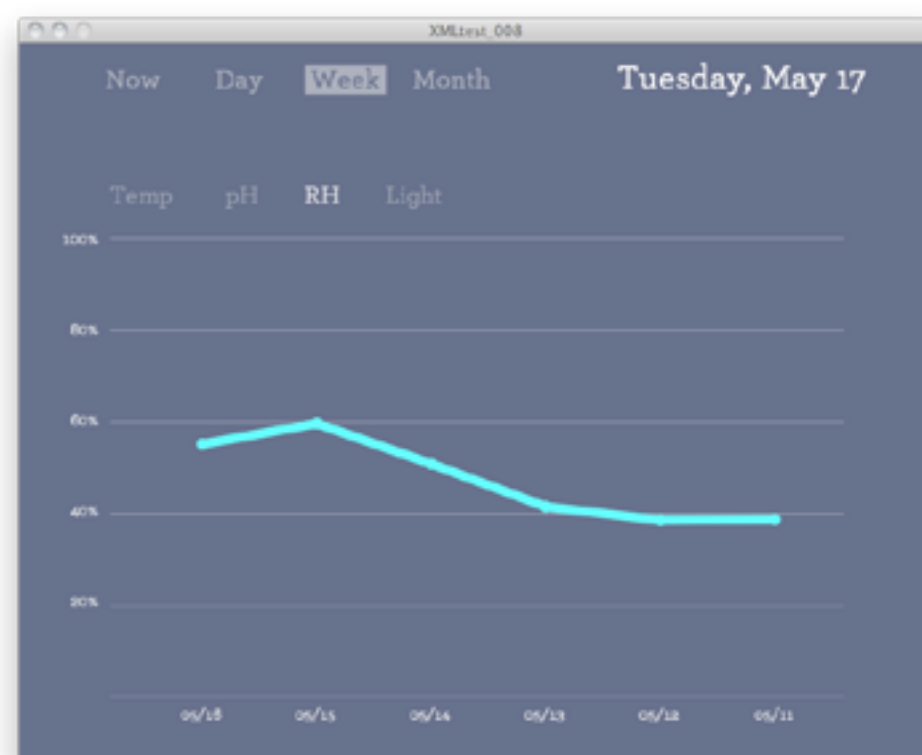
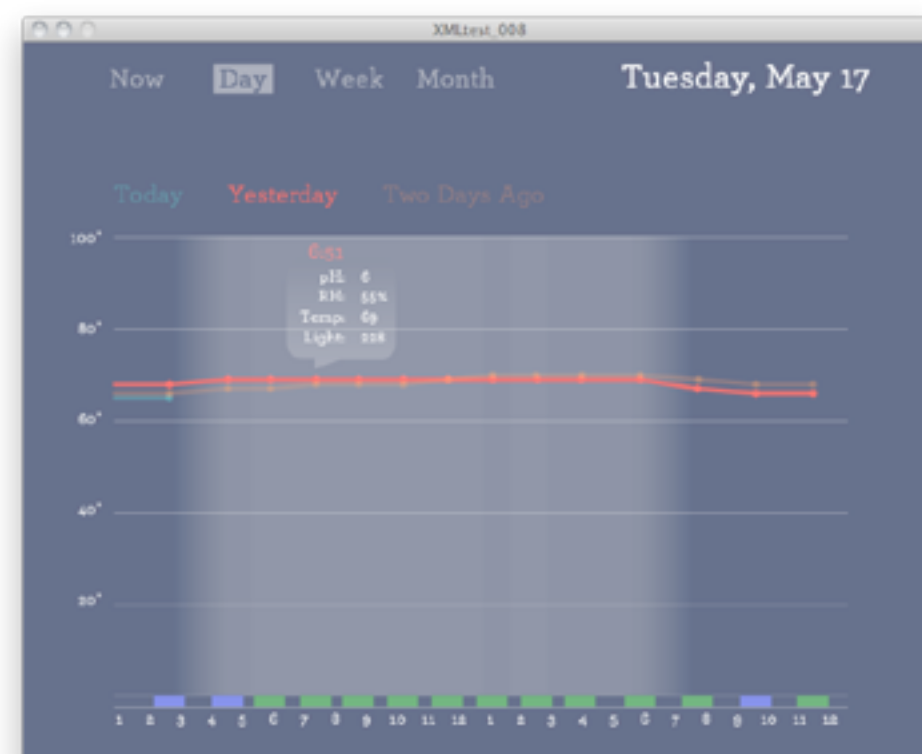
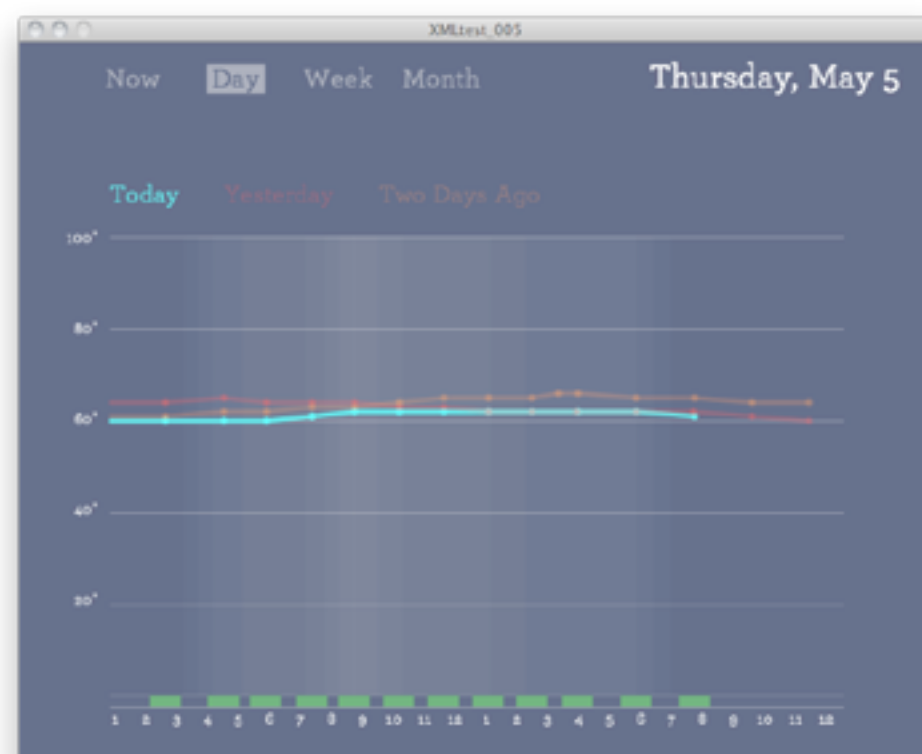
An Interactive Sustainable Ecosystem

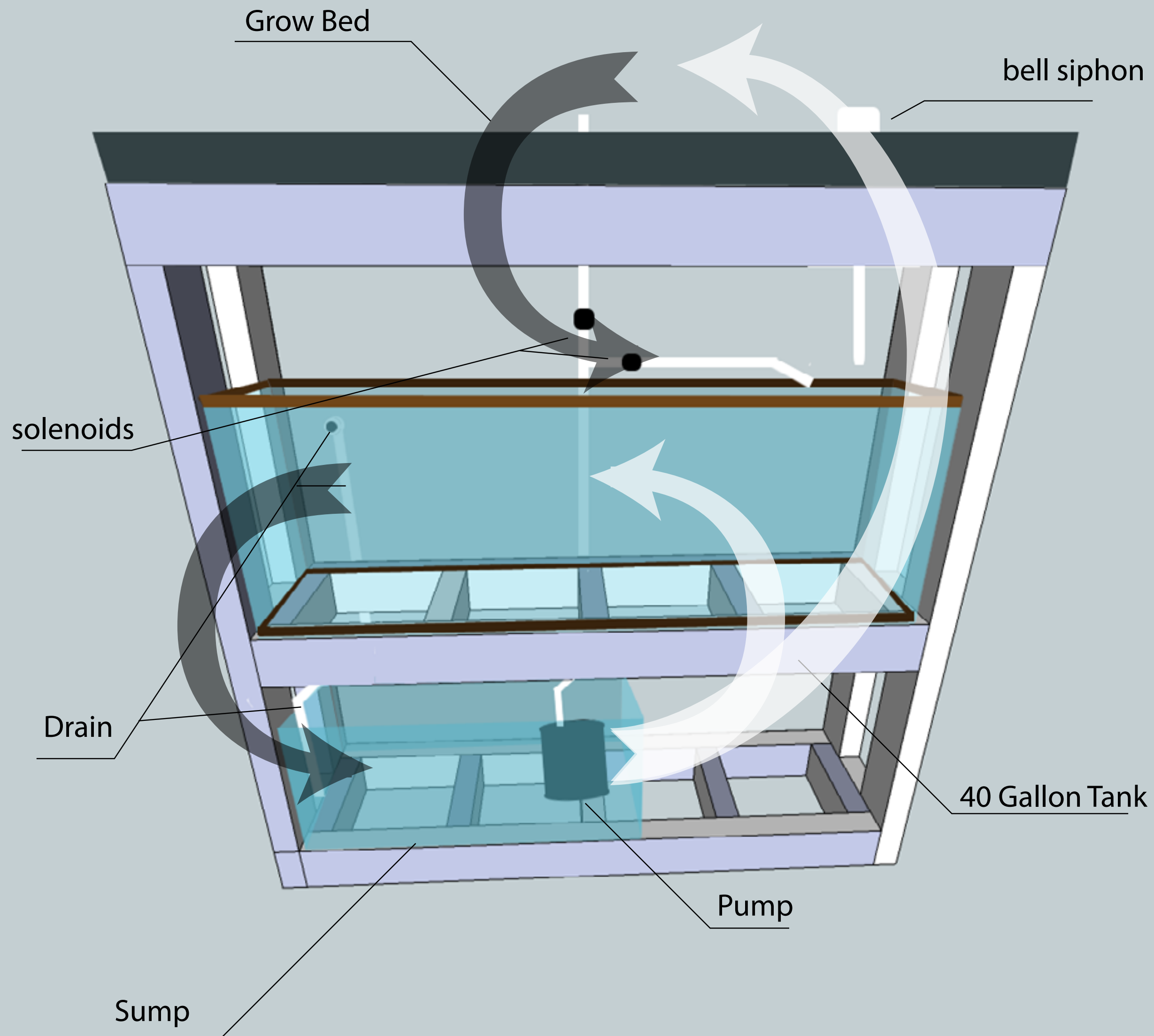


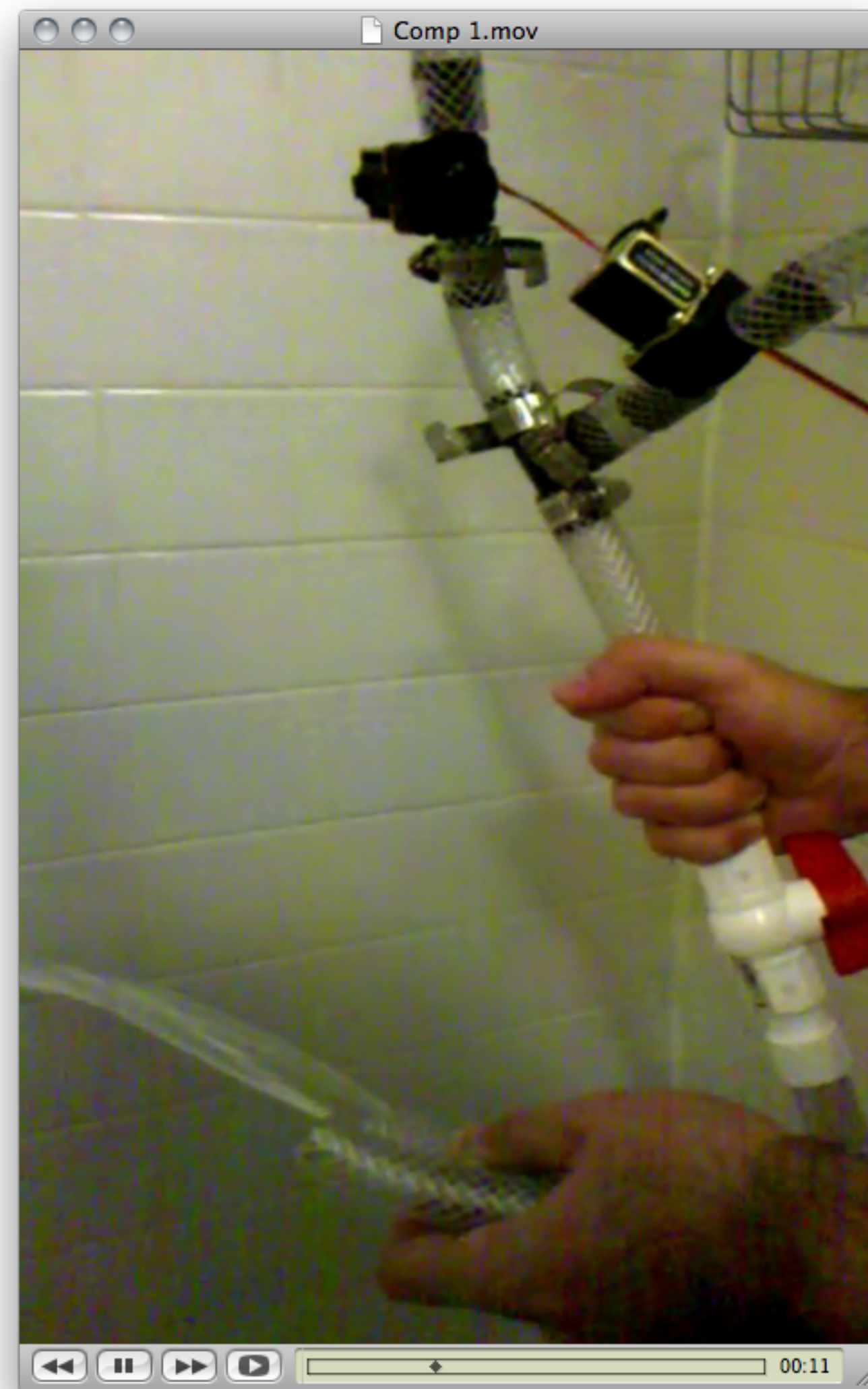
BACTERIA



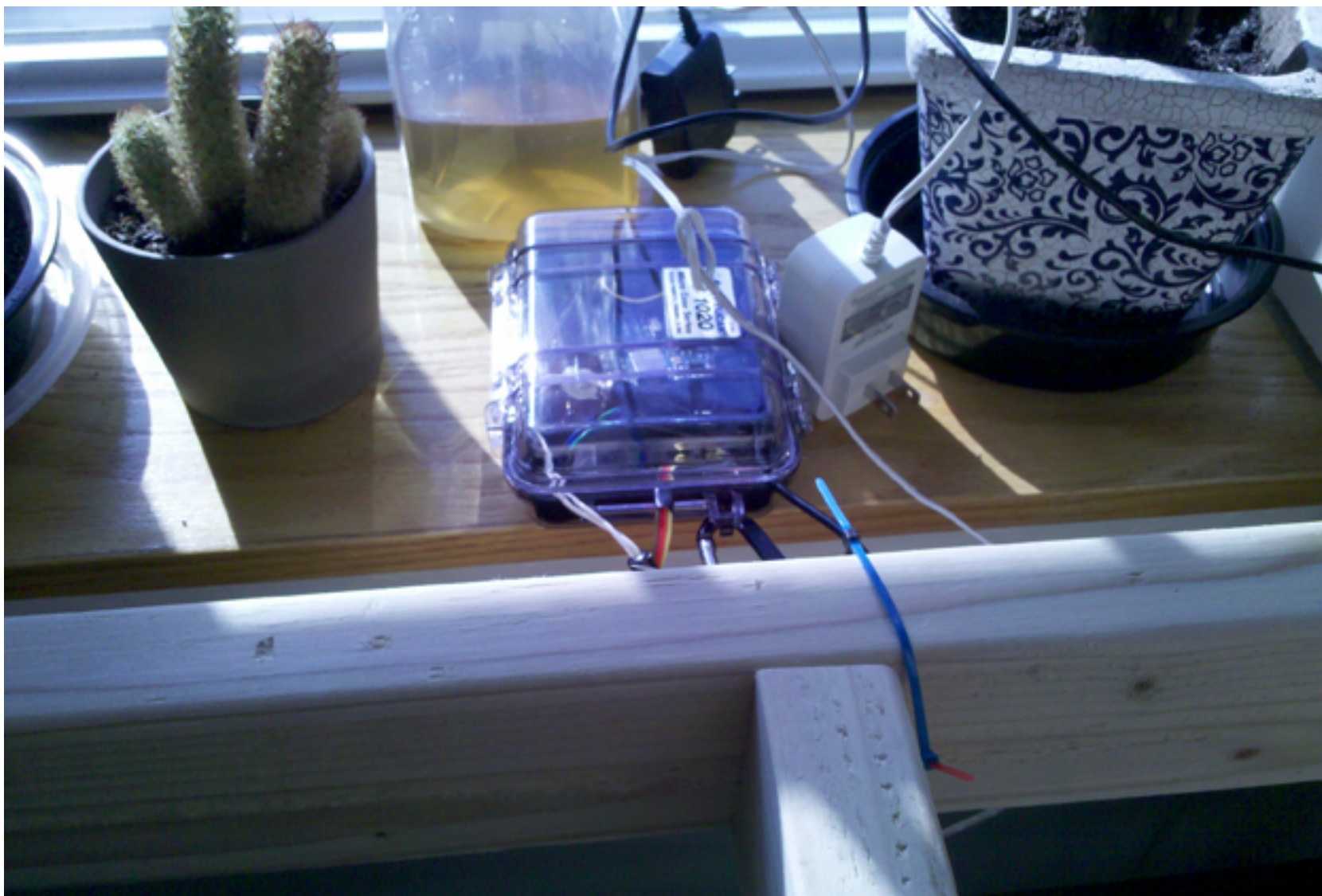
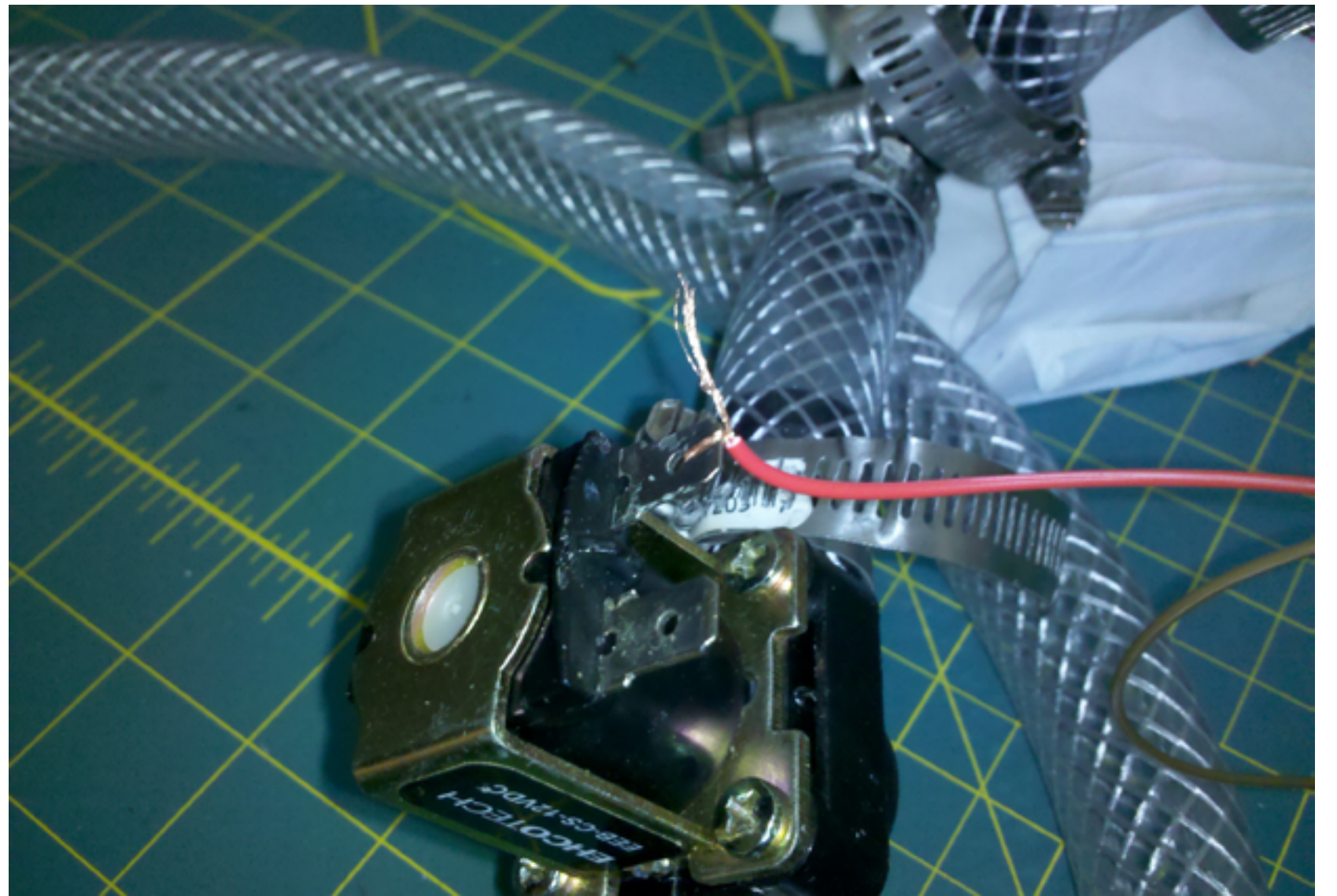
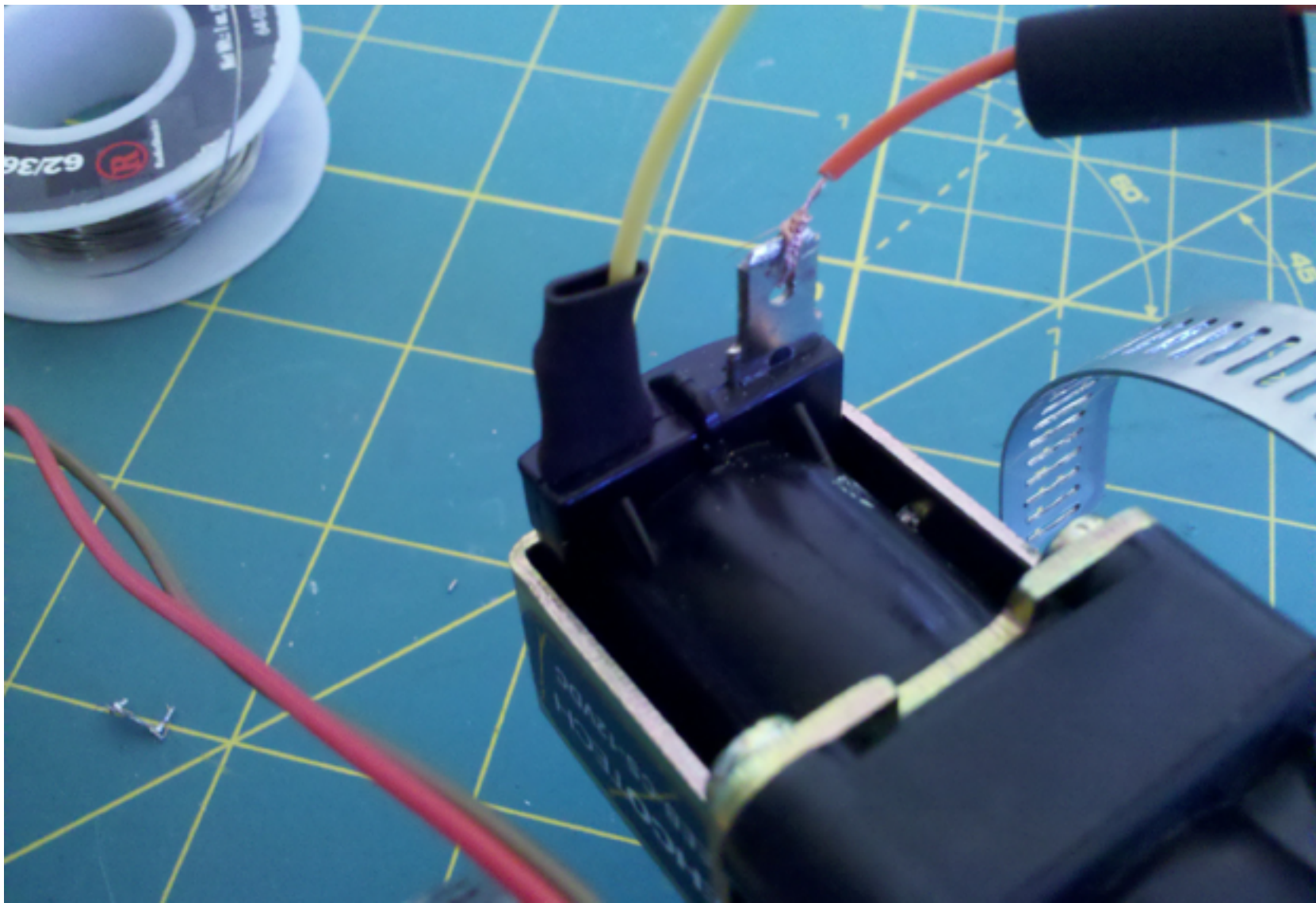


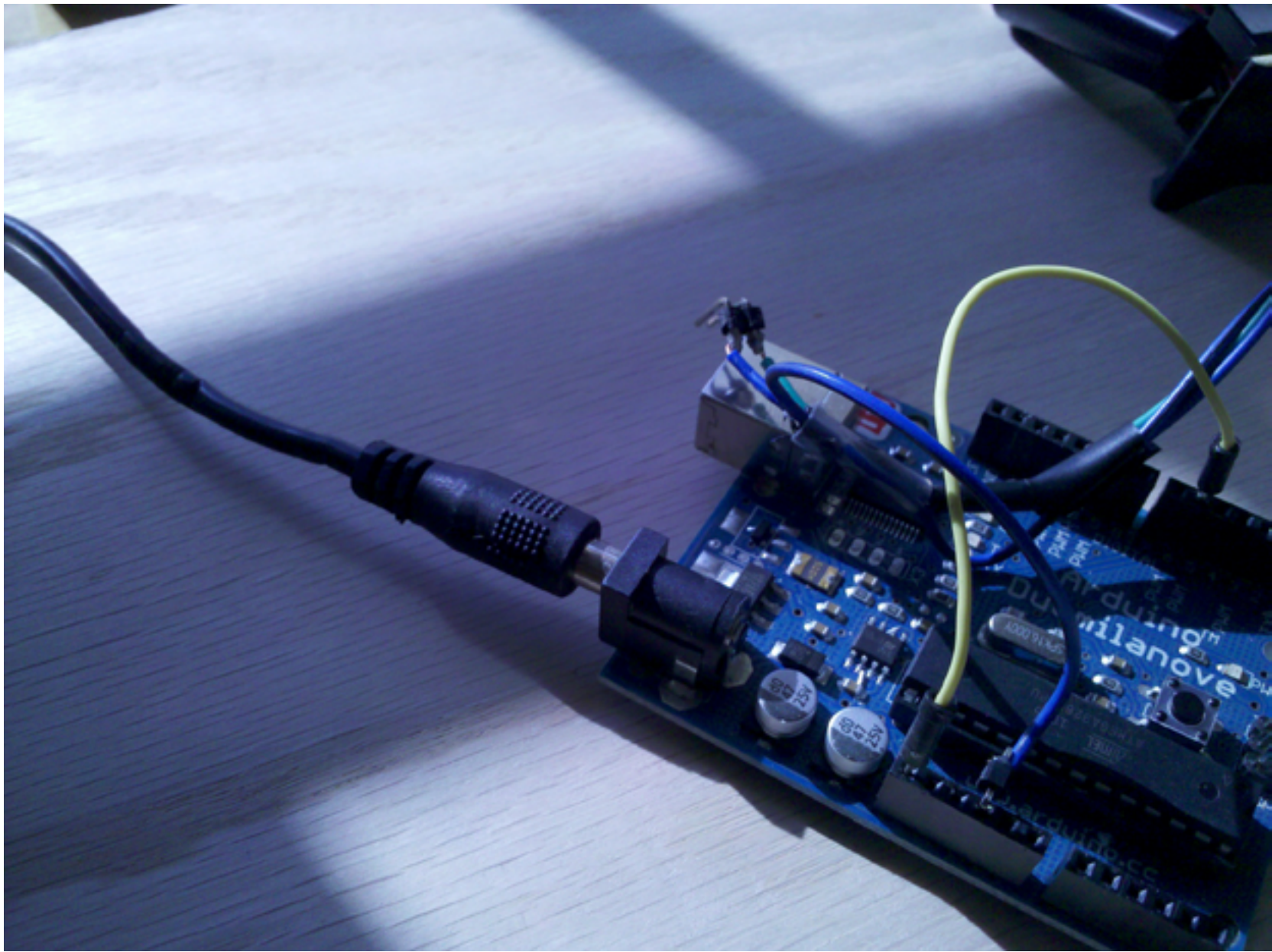






Prototype repair.





How do we evaluate that?

Not just...

Scientifically



But also...

Socially

Computationally

Scalarly

Environment

Where the ecosystem lives

- Micro
- Macro
- Social

Domain

Realms the examination occupies

- Aquaculture
- Hydroponics
- Hardware
- Interaction



Environment

Where the ecosystem lives

- Apartment Space
- North Eastern America
- The internet -
i.e. thesis.piuggi.com

Domain

Realms the examination occupies

- Cannot support fish life
- Cannot support plant life
- Dangerous implementations
- Flawed/ non existent



Environment

Where the ecosystem lives

- Apartment Space
- North Eastern America
- None

Domain

Realms the examination occupies

- 10 feeder fish
- Minimal plant life needs more light & bed space
- Custom ebb & flow
- Flawed/ non existent



Environment

Where the ecosystem lives

- Apartment Space
- North Eastern America
- * Data Visualization

Domain

Realms the examination occupies

- * Bluegill fish, using a clarifier, with bed & vertical filters
- * Plants should have ample light & Nutrients
- * Raft System
- * Data feedback

Parsons

Harlem Center for
Healthy Living

Softwalks

Hack Manhattan

Jacob Cohen

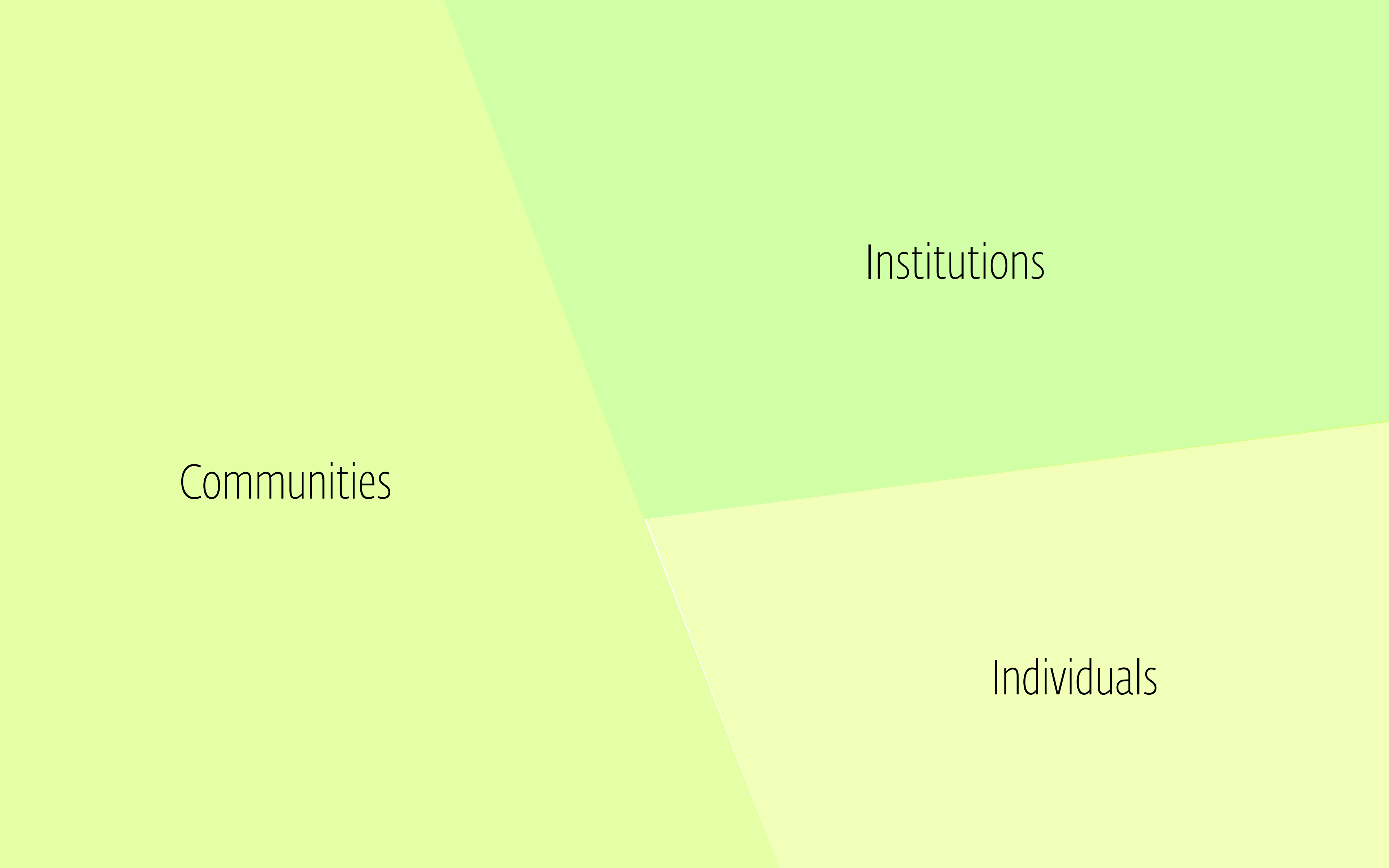
Parsons

Softwalks

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Jacob Cohen



Institutions

Communities

Individuals

How can these Ecosystems
be relevant to all groups?

Develop Use Cases from Group Needs

Thank you.