

Aquaponics/Aquaculture

Michael Hasey

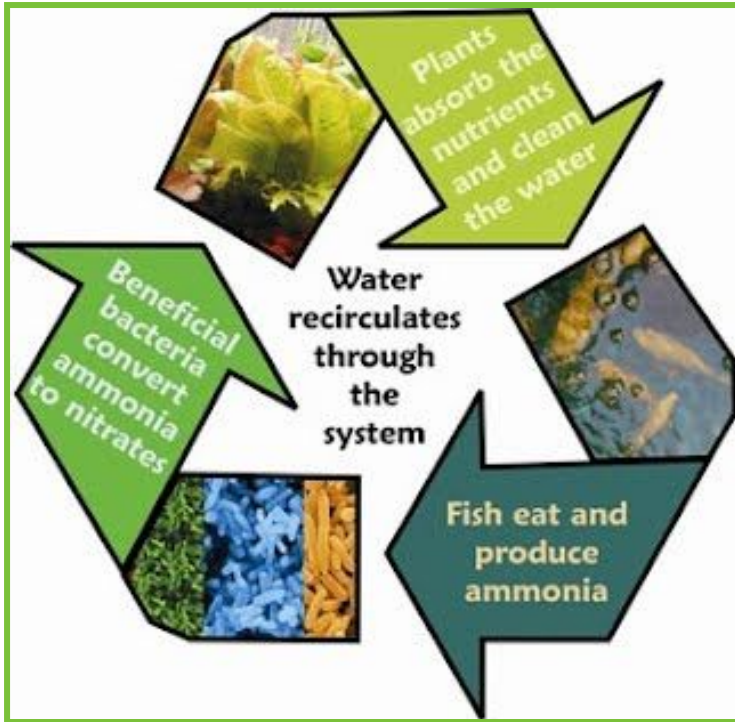
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Aquaponics

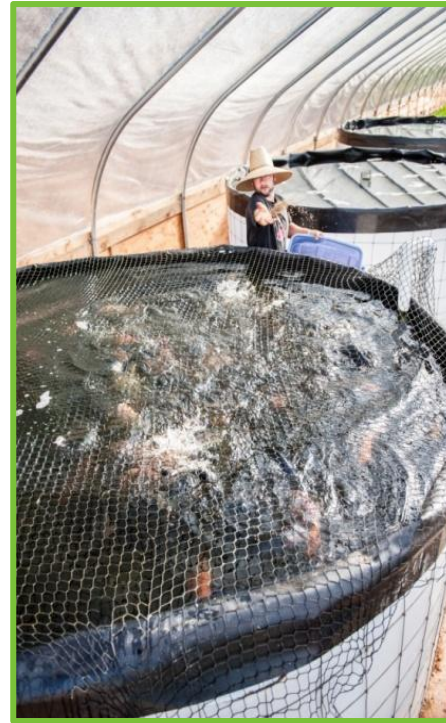
How

does it work?



Why

does it work?



✳ Emulating Nature!

Water...

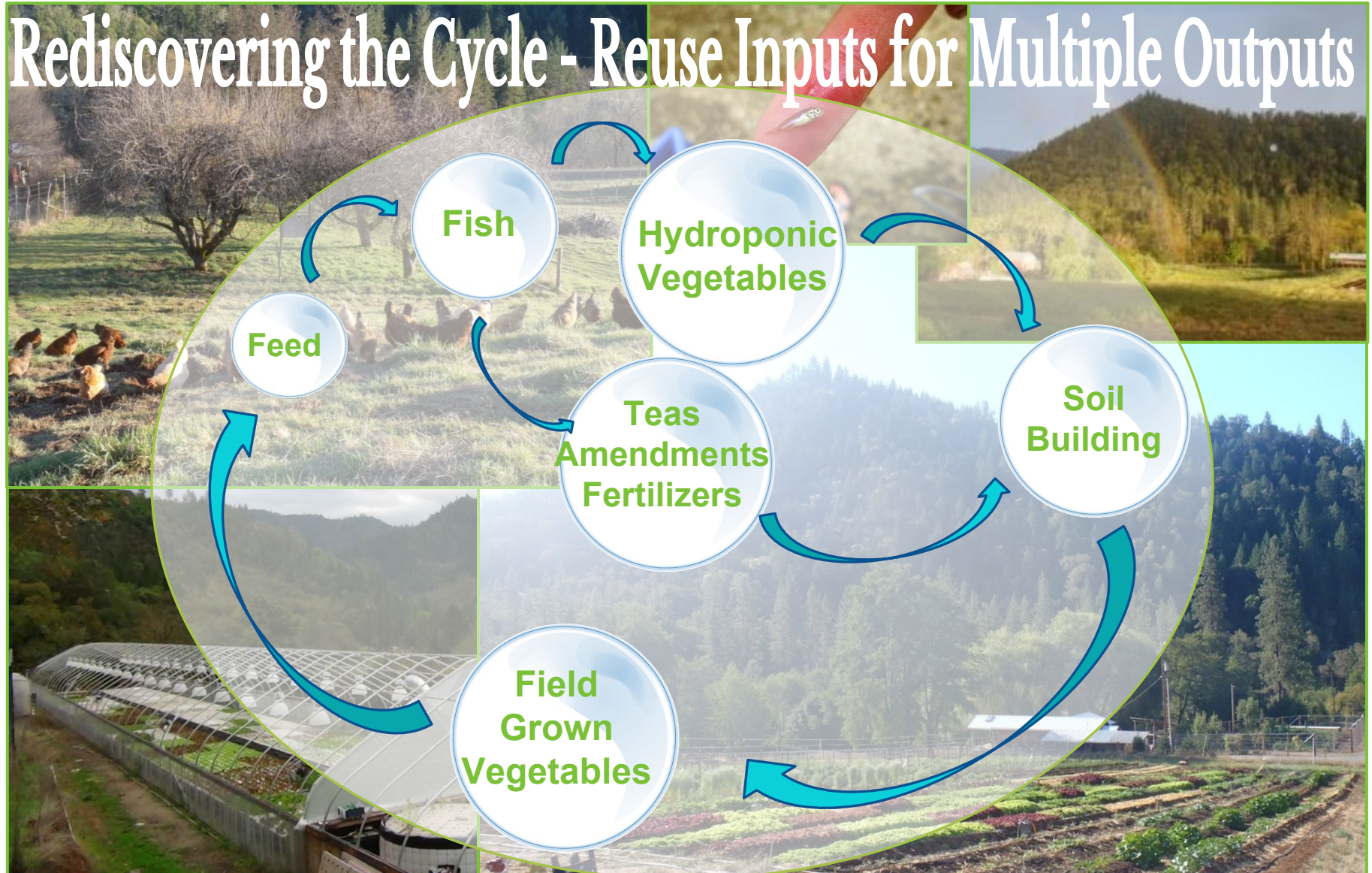
*It took over 20
Gallons of water
for me to grow up
in the Field!*

I used less
than 2 in the
Rogue
Aquaponics
System!



Land and Energy...

Rediscovering the Cycle - Reuse Inputs for Multiple Outputs



Growing Aquaponics and Superfoods

✳ Living Foods Last Longer and Maintain Higher Nutritional Value

✳ Waste is an Action, Not Part of Production – What we Grow and Why

✳ Closing the Loop



The Future of Sustainable AP and

AQ

Symbiosis Goes Beyond Biology



More Aquaponic Farming Simply Saves More Resources



Heat is Power...

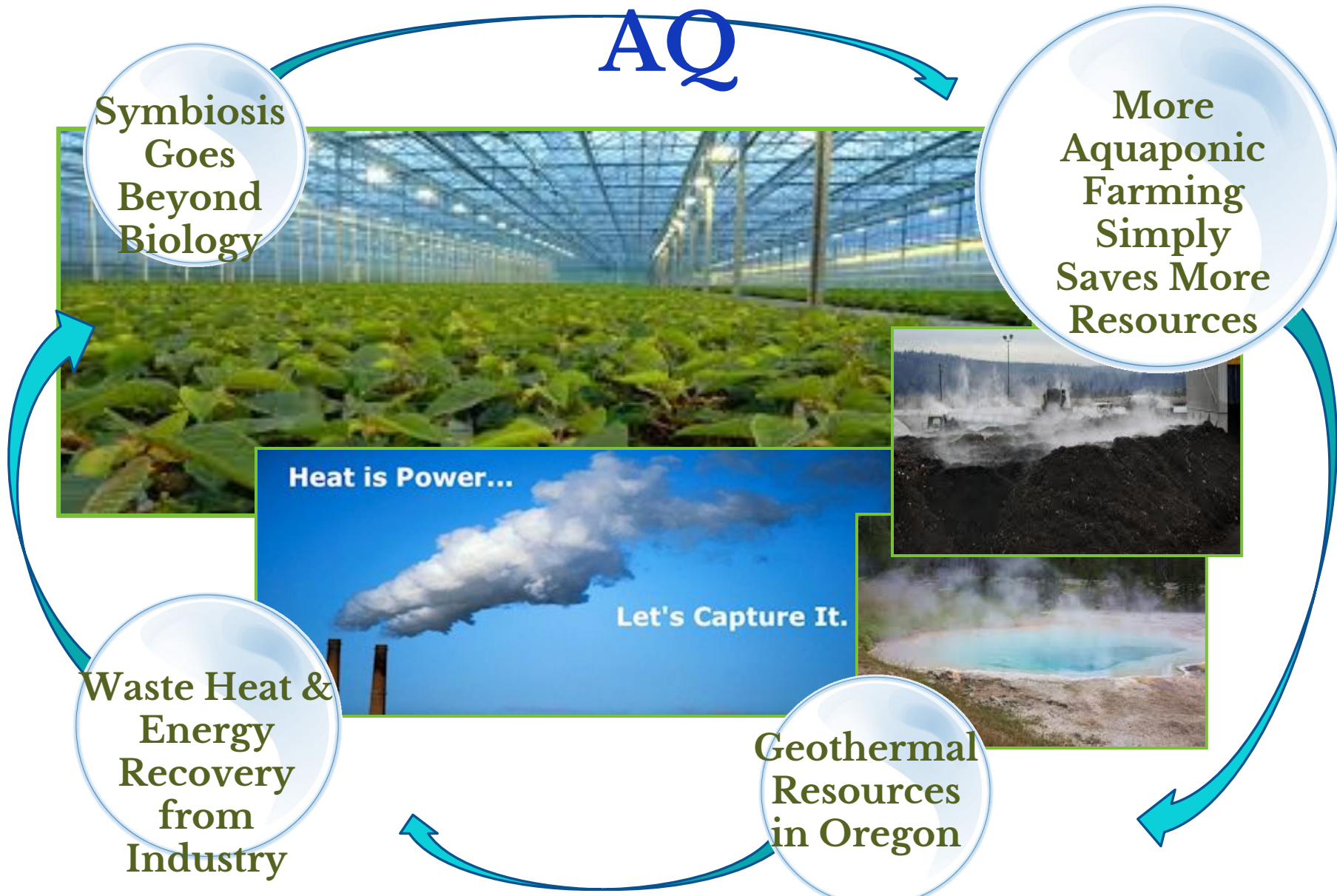


Let's Capture It.



Waste Heat & Energy Recovery from Industry

Geothermal Resources in Oregon

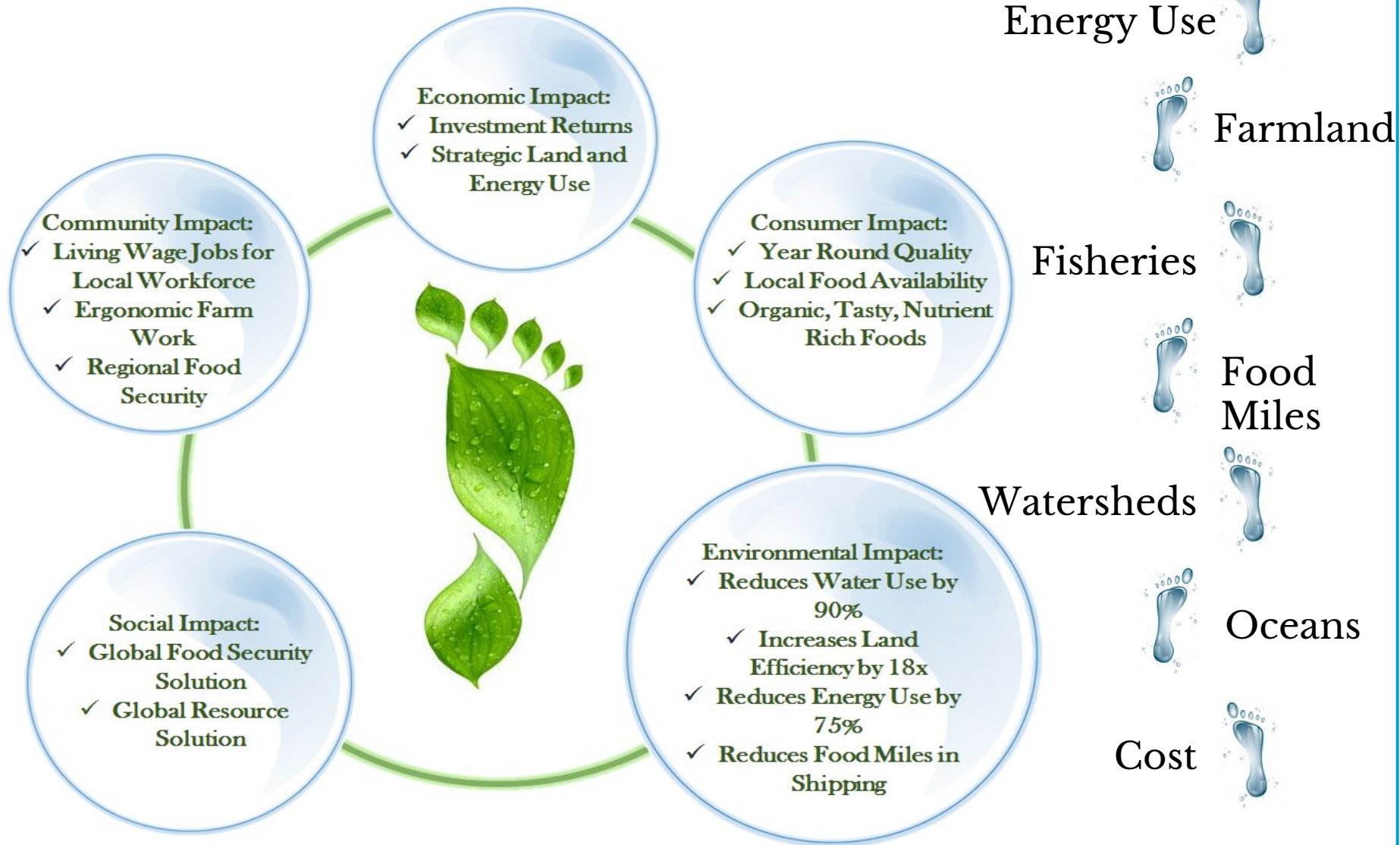


Innovation with Aquaponics

- * Enriching and Expediting Compost Production Using Effluent
- * Dual Use Winter Composting = heat in winter /amendments in spring
- * Fish Hydrozylate
- * Fish Protein can Supplement other livestock Feeds - Excess Veggies can Feed Fish



Bridging Food and Resource Issues...



Understanding Aquaponics Through People

