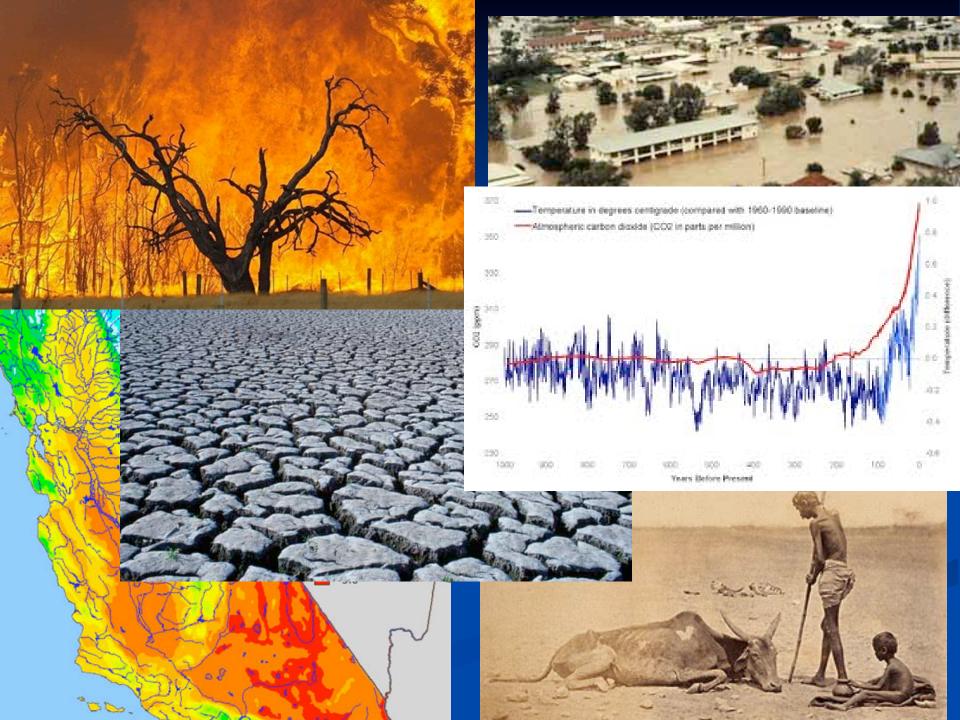
This presentation premiered at WaterSmart Innovations

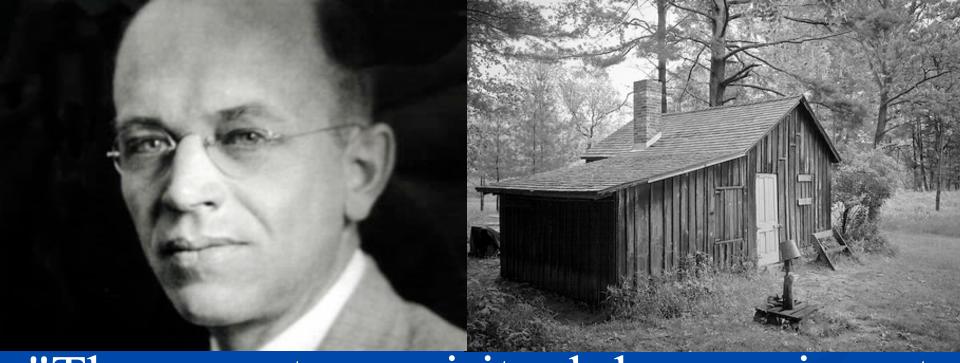
watersmartinnovations.com



Timeless H2Ownership vs. Our 3 Paradoxes of Water

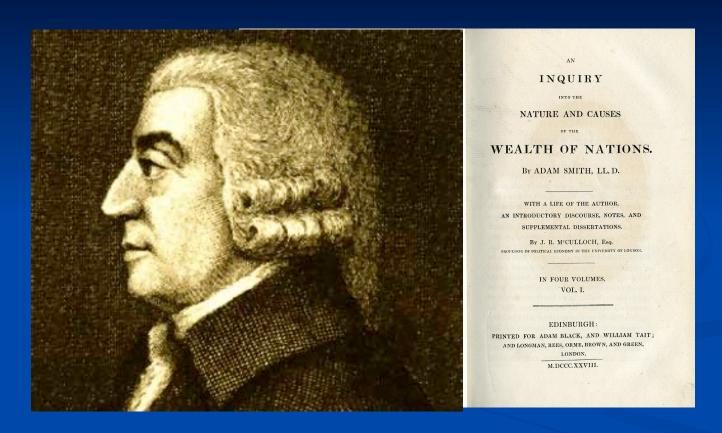
[What All Resilient Civilizations Can Teach Us about Conservation, Water Use, & Climate Adaptation]





"There are two spiritual dangers in not owning a farm. One is the danger of supposing that breakfast comes from the grocery, and the other that heat comes from the furnace."

1. The Paradox of Value

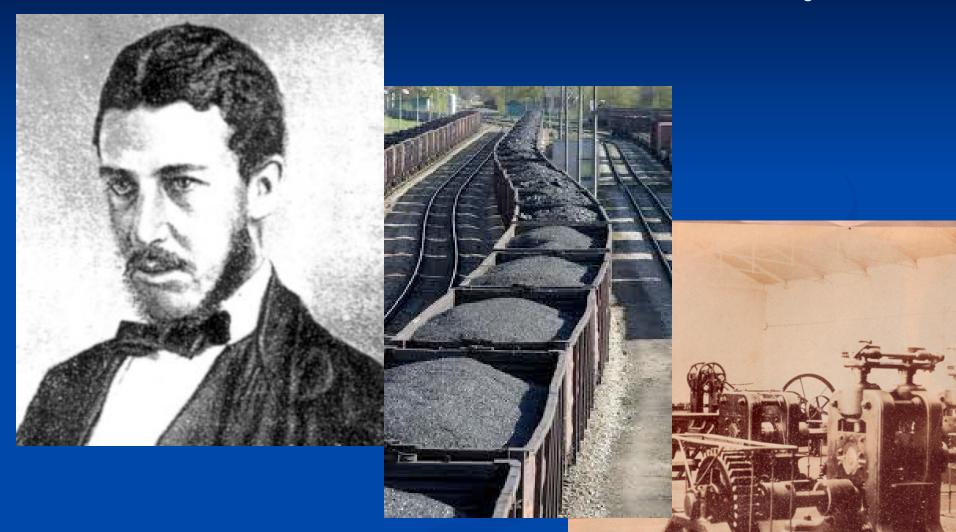






"The things which have the greatest value in use have little or no value in exchange. Nothing is more useful than water: but it will purchase scarce anything."

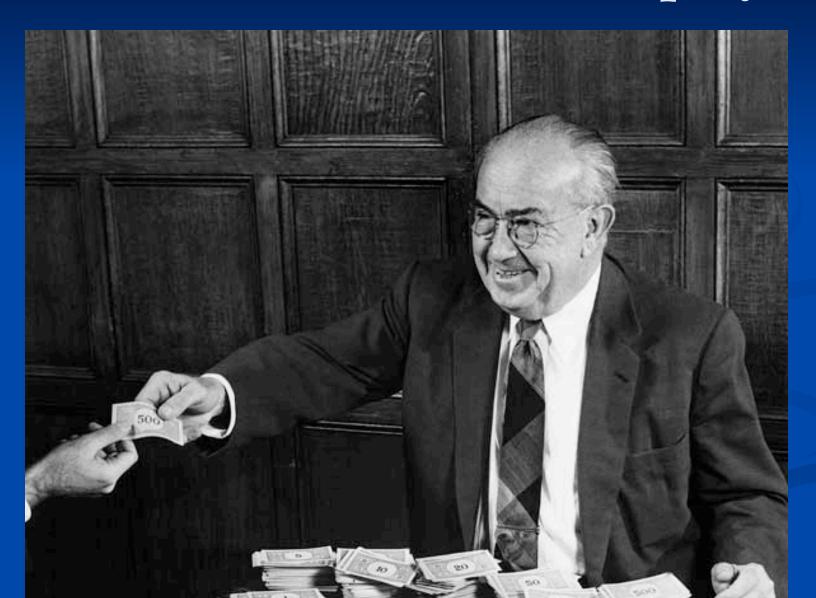
2. The Paradox of Efficiency





"It is wholly a confusion of ideas to suppose that the economical use of fuel is equivalent to a diminished consumption. *The very contrary is* the truth."

3. The Paradox of Monopoly







ST. JAMES PLACE

| Rent* | | | \$14.00 |
|-------|---|--------|---------|
| With | 1 | House | 70.00 |
| With | 2 | Houses | 200.00 |
| With | 3 | Houses | 550.00 |
| With | 4 | Houses | 750.00 |
| With | H | otel | 950.00 |

Mortgage Value 90.00

Houses cost \$100.00 each Hotels, \$100.00 plus 4 houses

BOARDWALK

RENT \$50.

With 1 House \$ 200.

With 2 Houses 600.

With 3 Houses 1400.

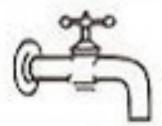
With 4 Houses 1700.

With HOTEL \$2000.

Mortgage Value \$200. Houses cost \$200. each Hotels, \$200. plus 4 houses

If a player owns ALL the Lots of pay Color Group, the reat is Doubled on Unimproved Lots in that group.

^{*} If all properties of one color are owned, rent is doubled (on unimproved property only.)



WATER WORKS

If one "Utility" is owned rent is 4 times amount shown on dice.

If both "Utilities" are owned rent is 10 times amount shown on dice.

Mortgage Value

\$75.

£1915 Heading Inc.



ELECTRIC COMPANY

If one "Utility" is owned rent is 4 times amount shown on dice.

If both "Utilities" are owned rent is 10 times amount shown on dice.

Mortgage Value

\$75.

类特35 Helpho, inc.

No Choice



No Competition



No Incentives to Conserve



Perversely Punish Conservation





Ration and Restrict the Efficient



Water & Energy: Artificially Cheap

Page 1 Town of Needham

Water & Sewer Bill

| CYCLE | BILL DATE | DUE DATE |
|-------|-----------|----------|
| 50-10 | 3/17/09 | 4/16/09 |
| | 50-10 | |



RETURN WITH PAYMENT

1.97

Illianolololollalanolollinollandlandlandlandlanollal KING BRIAN 8 PROSPECT ST NEEDHAM MA 02492

000014295000015322000000173409

1477

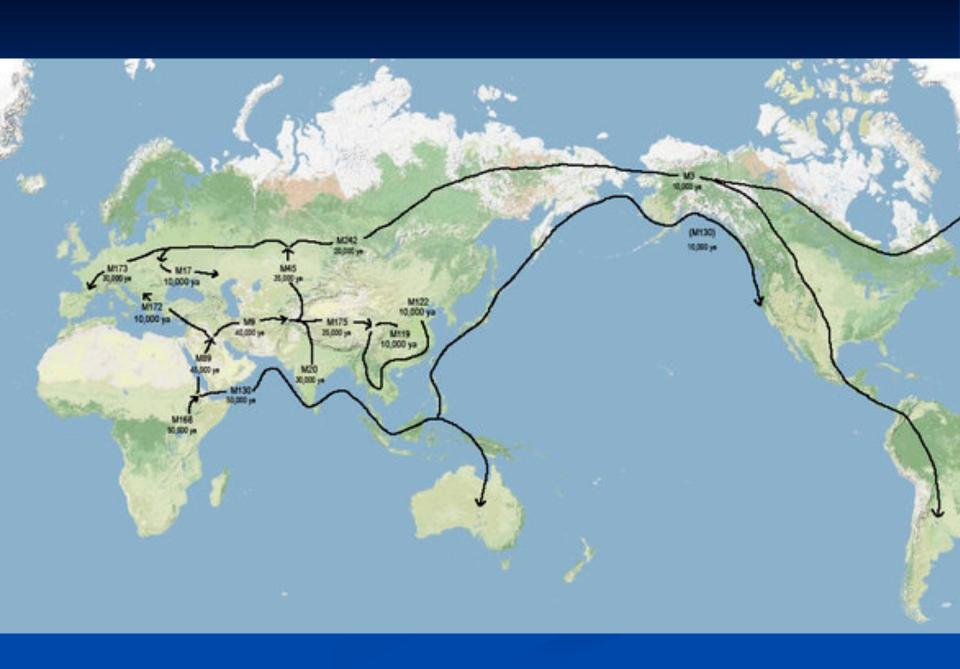
| SERVICE ADDRESS | 8 PROSPECT | C.T. | | | | |
|-------------------------------------|------------------------------|----------------------------|----------|-----------------|------------------|-------------|
| ACCOUNT NUMBER | CYCLE | BILL DATE | DUE DATE | | | |
| 14295-15322 | 50-10 | 3/17/09 | 4/16/09 | 61. | | |
| Rate Class Last payment a | : RESIDENTIAL mount/date: | 185.55 | 1/08/09 | | | |
| Service Pe A 12/01/08 2/ | riod Days Me 26/09 87 8 | ter Number H 5459154 1. | CF Units | Current 6100 | Previous 4700 | Usage 14 |
| ervice A STEP 1 | | Consumption | | Charge 15.00 | | Total |
| A STEP 1 A STEP 2 TOTAL WATER | | 8 | 00 | 30:00 | | 45.00 |
| W STEP 1 W STEP 2 | | 600 800 | | | 46.20 67.20 | |
| TOTAL SEWER | | 800 | | 01.20 | | 113.40 |
| F BASIC SERVI | CE FEE | | | 15.0 | 0 | 15.00 |
| | |) Balance Forw | and | | | 173.40 |
| | | Potal Amount | | | | 173.40 |
| | | | Ave | rage cost | per day | 7 22 |



This month's Gas Cost Recovery (GCR) charge for customers purchasing their natural gas from Duke Energy is. \$0.97% per CCP, which includes a base GCR of \$0.90% and Ohio exists fair of \$0.86%.

Political Suicide & 'Us vs. Them' Conflict















Where Nature Abhors Monopoly & Society Self-Organizes around Water



Where You Earn & Own Fair Shares of Water



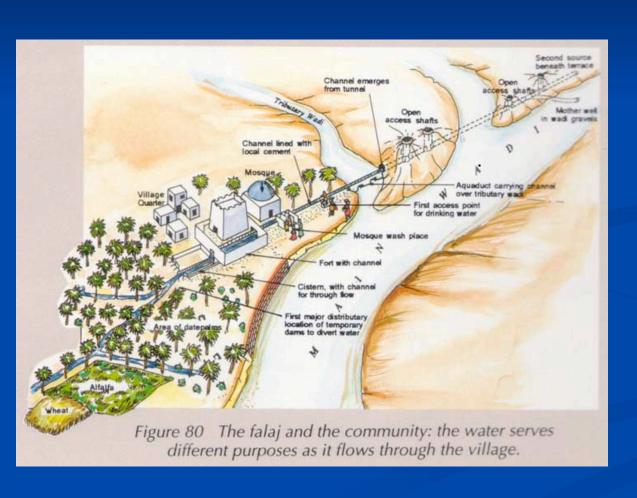


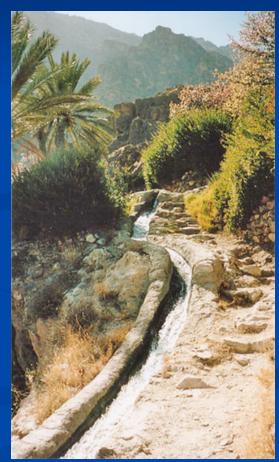
Where !Xaro system drives voluntary exchanges



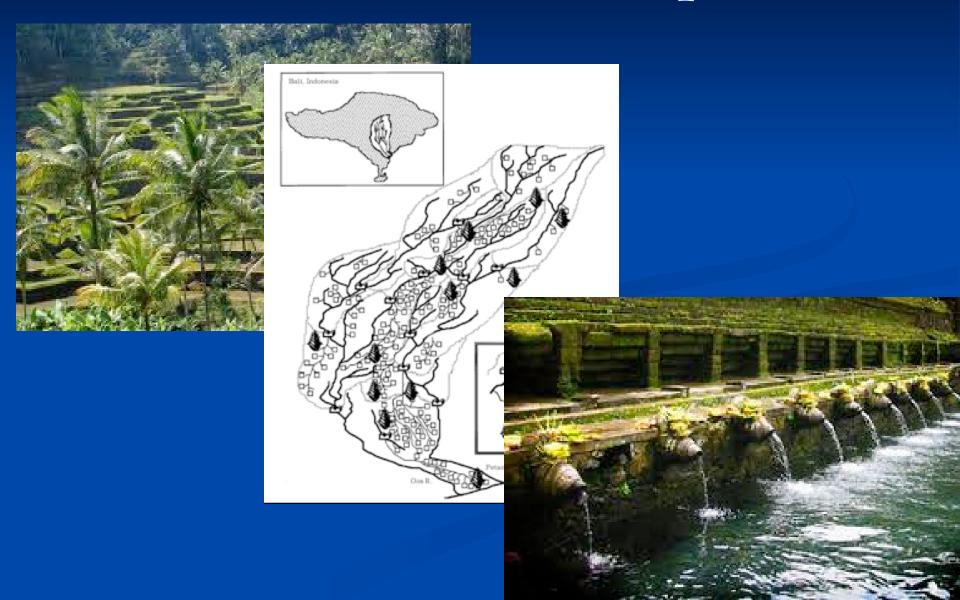


Arabian aflaj/falaj system of traditional irrigation

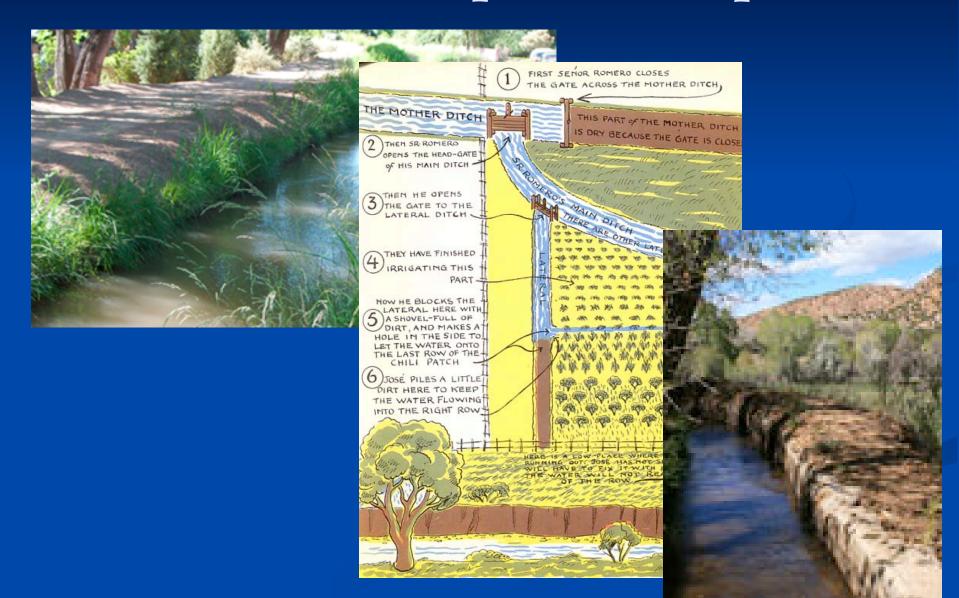




Balinese Water Temples



Traditional Hispanic Acequias



South African irrigation farm;







H2Ownership: Clear Equity Shares of Local Watershed with Responsibility to Own, Use, Invest in & Exchange

30,000 yr old Kalahari innovations
+
Modern Silicon Valley technology
=
Virtual H2Ownership & Exchange



eBay/E*Trade within Water Utilities



Online platform to own & trade efficiency credits or 'EcoShares:

Turns all ratepayers into equal shareholders

Ends 'us vs. utility vs. nature' political conflicts

Reverses 'Tragedy of commons' into resilience cycle:

- As water grows scarce, EcoShares increase in price.
- Higher price encourages users to conserve
- To make saved shares worth more, democratic pressure on utility to raise rates.
- Users give water to have increasingly higher value.

Easy to Customize, Adapt, Scale & Replicate

ABOUT AQUAJUST

CONTACT US

LOGIN





Start learning about EcoShares and earning your fair share of rewards

How can I own water - and what are EcoShares™?

Two ways: you can physically store and convey the wet stuff, or virtually earn and accumulate units of a measurable amount, much like frequent flier miles or credit card loyalty points. The virtual amount of water you own - say, 150 gallons per meter, per day -appears in your municipal water statements as a credit, or EcoShare™.

How can I "Save & Trade" EcoShares™?

Of course, you may "spend" EcoShares (by flushing your toilet, washing your car, watering your lawn) or "save" them (by reducing, reusing and recycling water in your home or office). With equal and fair EcoShares, you and your neighbors have the same incentive to conserve; you accumulate virtual water credits with real monetary value. The more water you save, the more credit you earn to donate, trade or sell for cash.

Participating Partners

City of Sonoma Colorado River Utility Sacramento River Utility Rio Grande River Utility

> Would you like AquaJust in Your Community? Click here to tell us your city and ZIP code.

Climate Proof Your Utility

Help make it even more efficient. Capture runoff. Get more pop per drop. Build resilience.

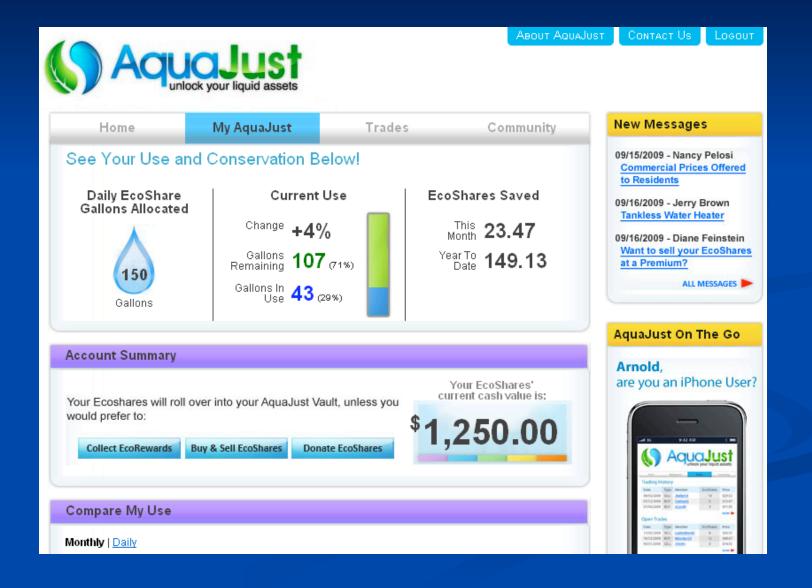
As a former 'water renter' who now owns equal shares in a precious liquid asset, help your utility help you. Collaborate to eliminate waste in the system, starting from your home and office and moving up to the source.

Conservation Insights

Yes, please send me updates!

Please send me updates on new ways to use less, earn

Motivates you to track & alter daily use...



...because you now earn credits with \$ value

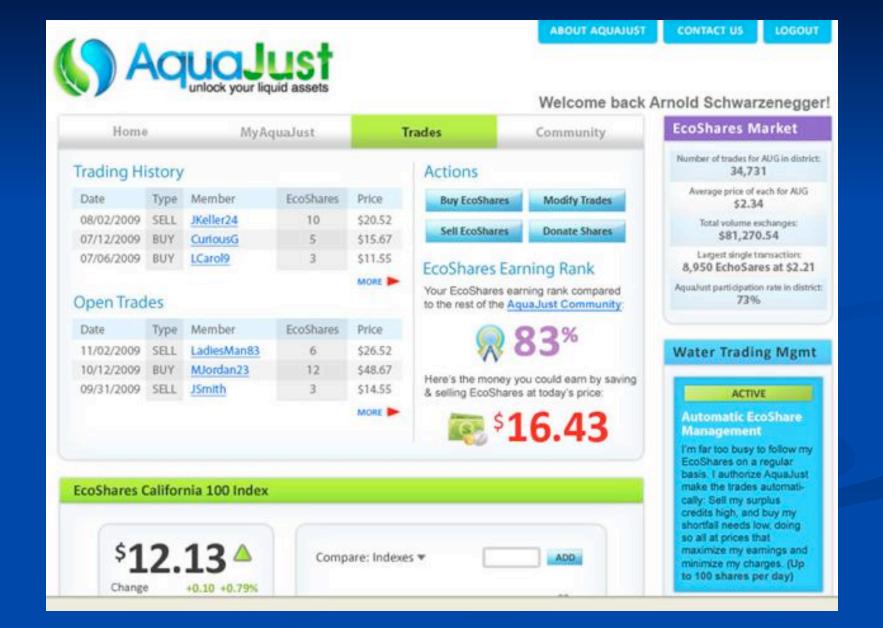




If so, be sure to download AquaJust to your phone so you can save, trade, and reward yourself while on the move! The power of AquaJust in the palm of your hands - FREE!

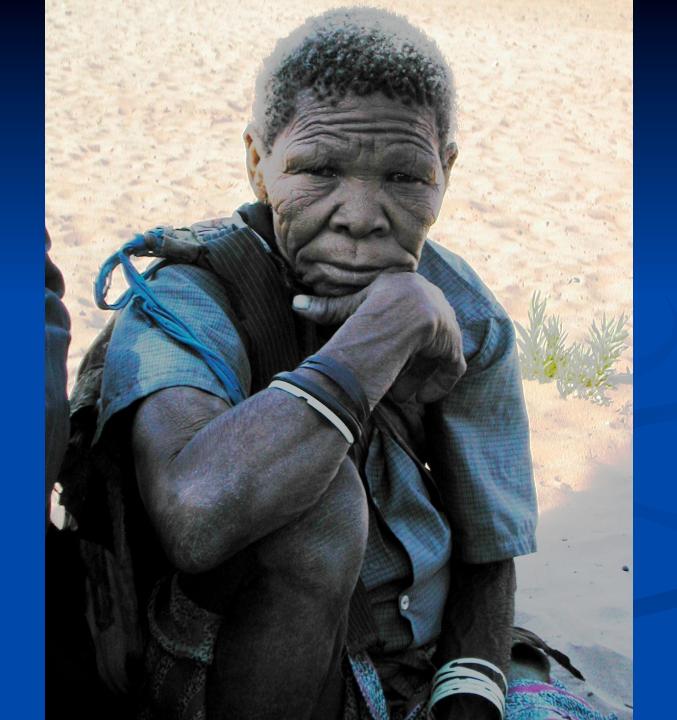


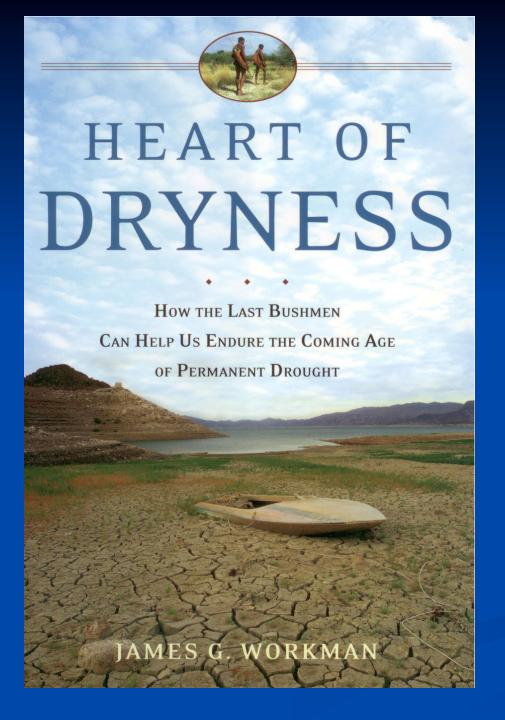
...from your trades in local utility exchange



Water's 3 Paradoxes, Resolved

- Exchanges take place until value in exchange rises to equal value in use
- Individual efficiencies are captured to sell or donate; not lose to system
- Virtual 'click' markets unlock physical 'brick' monopolies from within vertically integrated structure





Thank you

- James G. Workman
- SmartMarkets LLC
- Mobile: +1 415 728 3494





SmartMarkets

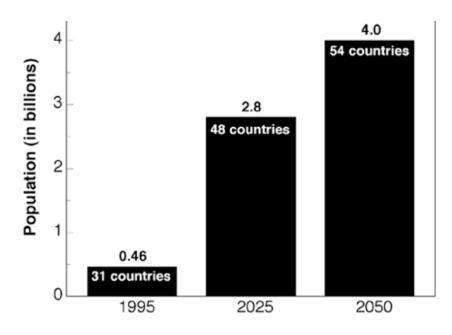
Using Technology to Secure Social Equity, Economic Efficiency, New Job Opportunities and Stable Growth in the Kingdom of Saudi Arabia

Monty Simus & Jamie Workman
23 September

Risks

"No value in exchange"
Waste Water & Energy Scarcity



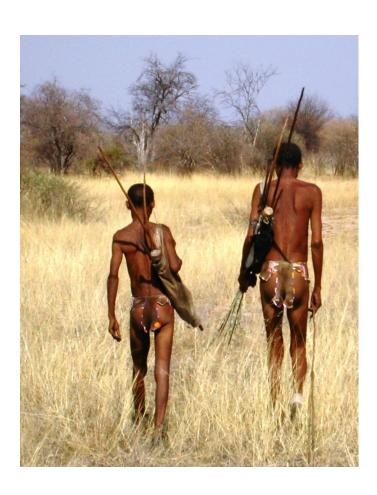


Political Rights





Ancient + Modern





Deploy



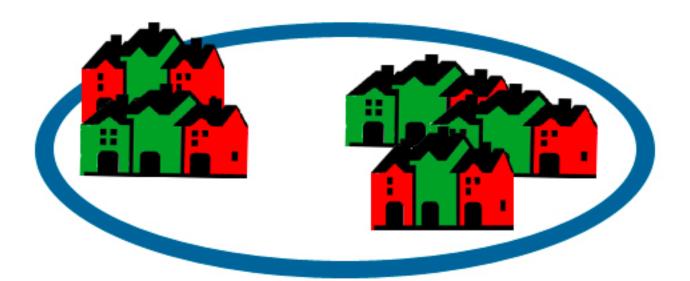
Online Save & Trade™ Platform

Scale



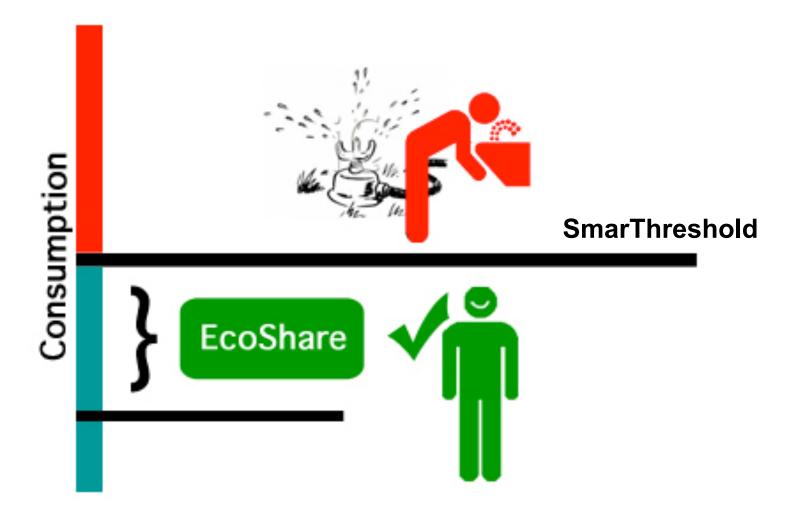


Scope



KSA Utilities:Water & Energy

Earn



Own



EcoShares Saved

This 23.47

Year to 149.13

Trade

SELLERS



BUYERS



Wasters



Businesses



Foundations

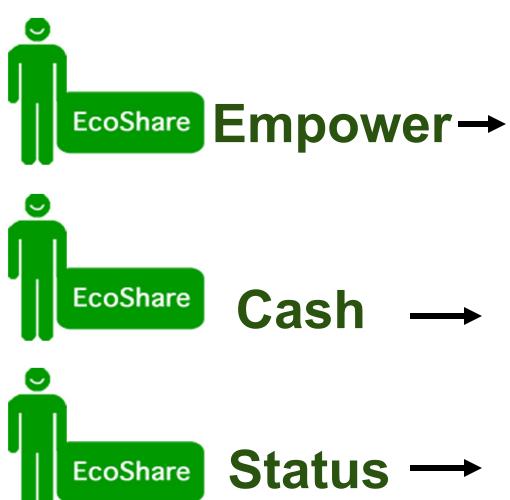


Utilities



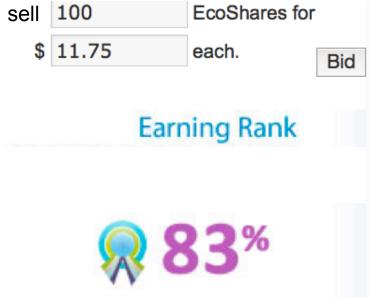
Government

Inspiration - Not Just Information









Partners

Smart Meter

Companies





Smart Grid



Traction – Targeted Pilots

Metered Accounts

County 200,000

B

State 2 million

Nation 7 million







Eco Impact



Each month AquaJust would save:







kWh



Tons CO2

County: 350 million 4 million 8 million

State: 1.5 billion 20 million 40 million

Nation: 7.0 billion 140 million 190 million

Social Impact



Each month AquaJust would create:

Green jobs

Cash for poorest



County: 22

200

1,000 Nation:

300,000

1 million

9 million

Options

"Hardware"

Desalination / Supply Infrastructure repairs

"contentious"?
"high dollar"?
"compliance permitting"?
"community consensus"?
"water rights-dependent"
"long term"?
"equitable"?
"ecological impact"?

Software

AquaJust / Demand SmartMarkets

"collaborative"
"low dollar"
"no permitting"
"consensus driven"
"water rights-free"
"immediate"
"fair"
"ecological benefit"

>>>>>>>>

Rather than subsidize supplies Invest in demand outcomes results that help Saudi Arabia secure its 'priceless' Liquid, energy & financial assets

