



University of Central Florida
Stormwater Management Academy



Presents - H₂O4U

Dr. Marty Wanielista

Jennifer McDaniel



“Managed stormwater is good water”

Academy Mission & H₂O4U Task

MISSION of Stormwater Management Academy

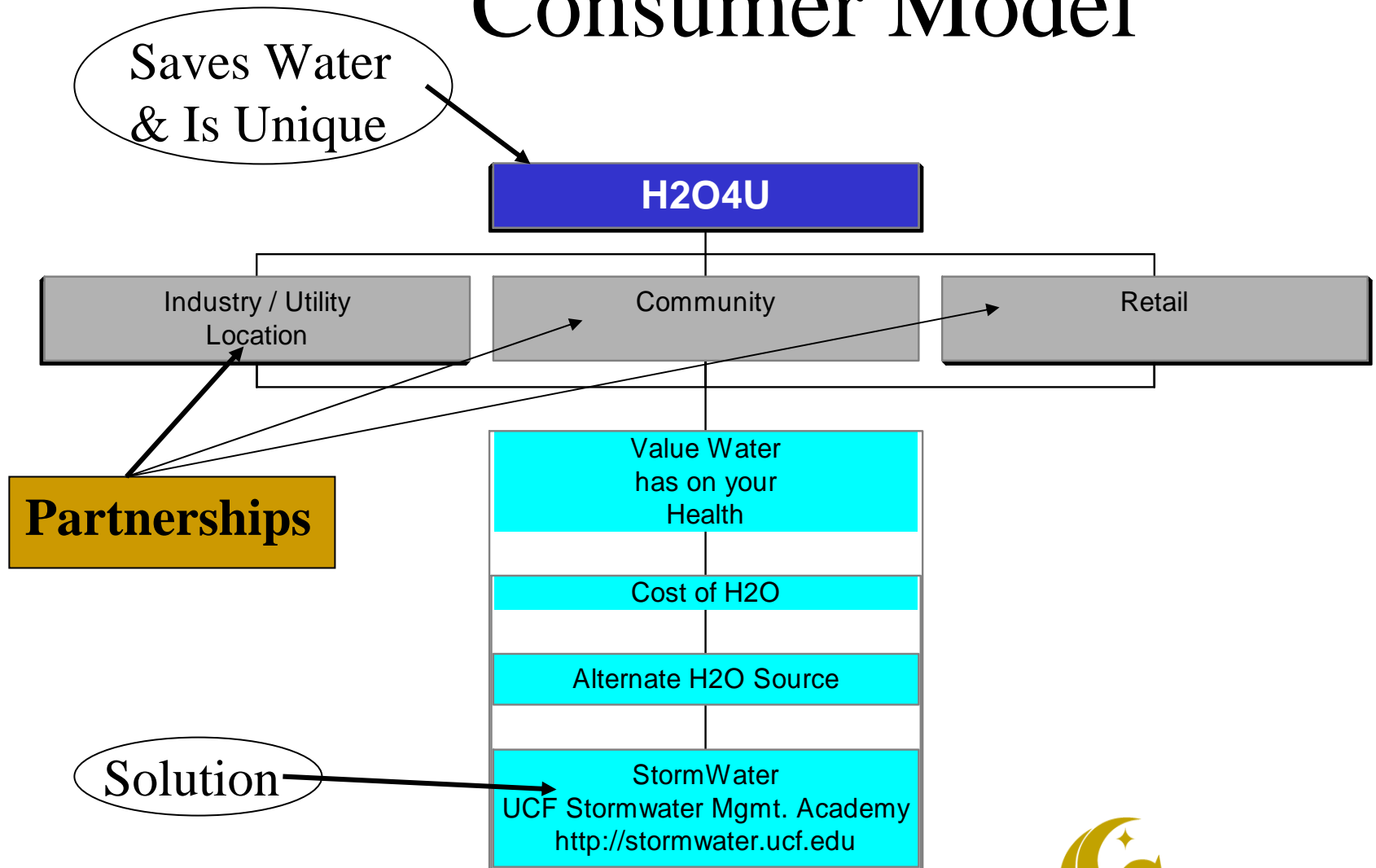
- Provide educational materials and research results to advance an understanding and practice of stormwater management.

How does H₂O4U “fit”, Use the Intelligent Irrigation controller as an example

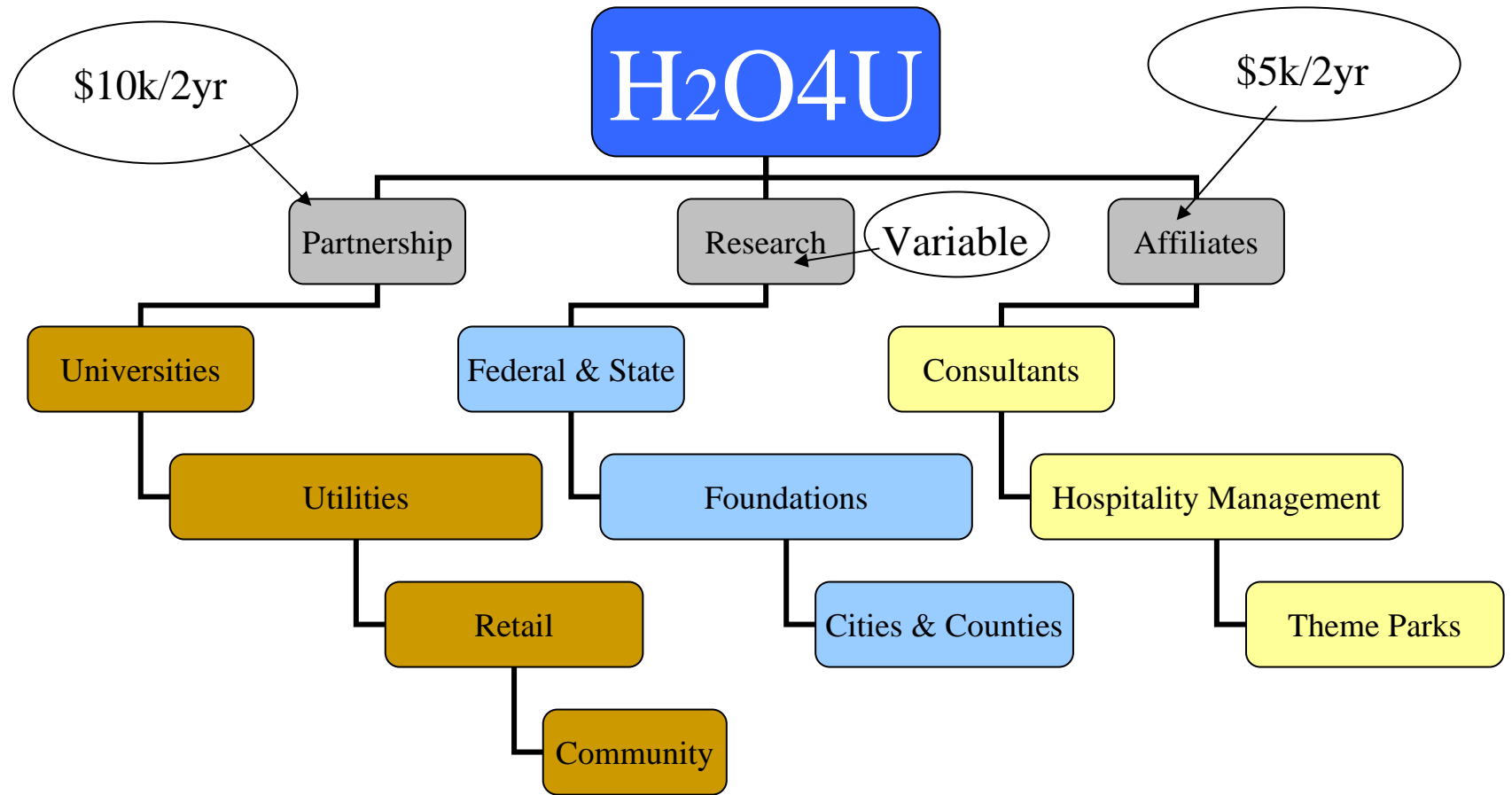
- Consistent with Mission. The need for an alternate water storage system.
- Unique. Provide control & distribution of an alternate water supply. . .
SAVE on Consumer COST!
By NOT using Potable Water.
- Save Water, either improve quality or quantity – **I₂WATER does both**

Objective is to Reduce the cost of water while
increasing the supply!

Consumer Model



Business Model





Goal & Task

- Increase – Public Awareness on the Importance of Water Consumption, Conservation & our Environment
 - **Conserve Ground Water!**
- Promote – Water Education ...
 - **Reduce cost to the Consumer**
- Enhance – Communication ...
- Solve the Problem – Existing water resource is limited and worth protecting!

Objective: is to Reduce the cost of water while increasing the supply!

H₂O4U Seal of Approval

- Marketing scheme
- Encourage business partnerships
- Help conserve, clean & reuse water
- Provide public awareness
- Recognize a “Product of the Year”
- Educate & promote water saving devices & techniques
- Products will be evaluated & tested prior to the seal of approval

H₂O4U Partnership Benefits

Business:

- Recognized as good stewards
- Promoted in the Academy annual Newsletter
- H₂O4U_{TM} Seal of Approval & Certificate
- Recognized on the Stormwater Academy website

h2o4u@mail.ucf.edu

- Entered in the contest for “Product of the Year”

Community:

- Reduce water cost with increased H₂O supply
- Environmental preservation & restoration
- Increased public awareness
- Promotion of educational programs

H₂O4U Seal of Approval Candidates

- Rock filled CMP riser
- Cisterns ie RAINBOWL
- Educational Awareness – Seminars
- Green Roofs
- Potters for Peace
- PAM
- Divisions within support organizations
- Wekiva Springshed Manual
- Public Education Programs
- WASH123D
- Separation Devices
 - Stormsceptor
 - Kubota Membranes
 - CDS
 - Baysaver

H₂O4U

Academy Products:



- Intelligent Control System for Water Distribution I2Water
 - Artificial Intelligent system
 - Provides efficient water control based on environmental sensors to distribute waters from different sources
- RAINBOWL
 - Automatic storage system for Stormwater from impervious surfaces such as rooftops
 - Intelligent distribution for stored water
- Water Quality Modeling

RAINBOWL
H₂O4U



<http://stormwater.ucf.edu>

H₂O4U Product Selection Criteria

H₂O4U Seal

- Be a Partner
- Must demonstrate that water is “saved” either quantity or quality
- Must submit an on-line application
- Listed on Web site

Product of the Year

- Selected by the Board in the Annual meeting upon recommendation of the Director
- Announcement on Web site

Summary

- Stormwater Academy seeking Partnerships
- Promoting products that “save” or conserve and reuse water
- Partners receive Benefits!
- Any questions or comments can be sent to “[H2O4U@ mail.ucf.edu](mailto:H2O4U@mail.ucf.edu)” or [407-823-4145](tel:407-823-4145).