

Online System Development

Water Action

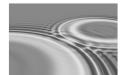
Network

- **✓ Distill and index action opportunities**
- ✓ Direct user easily to suite of actions
- **✓** Enhance spontaneous participation
- ✓ Focus on meaningful contribution (experiential learning, collaboration) rather than just to inform

March 2012 WWF

3

IWRM Benefits



- ✓ Distilled topical quick facts
- **✓** Build awareness of spatial context
- **✓** Direct benefits of user actions
 - **✓** Funding for water projects
 - **✓** Behavioral change
- **✓** Learn from analysis of actions pursued
- ✓ Become responsive to public interest and needs to mobilize technology needed

March 2012

WWF6

4

Example Topics > Action Options



- > CONSERVATION find rebate, reduce type of usage
- ➤ LEGISLATION help legislation along sign petition
- **COMPACTS** support use rules to avoid penalties
- ➤ GROUND WATER recharge, reduce dependency
- > WATER QUALITY reduce runoff, remediate
- ➤ DROUGHT xeriscape, support mitigation plan
- > DAM SAFETY remove pests/plants, breach illegal

March 2012 WWF6

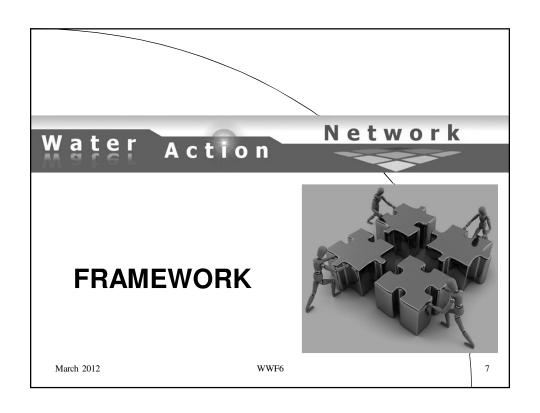
5

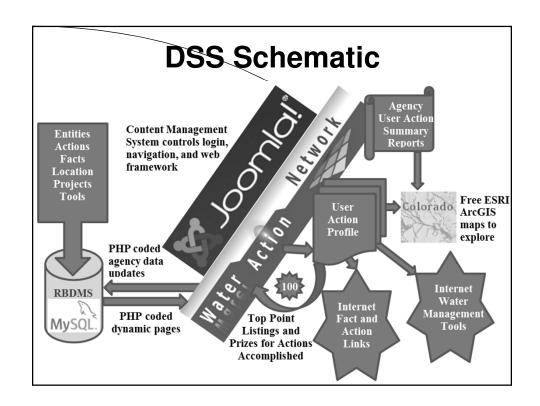
Actions just a starting point

> Direct resources, facilitators, engineers and their tools as needs and interests determined through analysis of experiential learning and collaborative sentiment



March 2012 WWF6





Information Distillation

2010 Statewide Water Supply Initiative (246 pages)

Executive Summary (42 pages)

Fact Sheet (8 pages)

Action Items

- Individual Living Options
- Direct Action Opportunities

March 2012 WWF6

9

Highlight Demonstration Projects

- > Xeriscape Gardens (NCWCD, Aurora, Denver, CSU)
- > Community Gardens (Thorton, Adams Co, Aurora)
- ➤ Alternative Ag Transfers (Super Ditch, Corn Growers)
- > Farm Share/Community Harvesting/Farmer's Markets
- > Instream flow purchase/lease, operations agreements
- > Wetlands, Riverine and Environmental Restoration
- ➤ WaterSense/LEEDS/Conservation Maximization
- > Floodplain restoration and management

March 2012 WWF6

Additional Components

- Locational, Topical or Group-based Action Search
- > Action Map / Visualizations of IWRM Progress
- > Community-built Actions, Facts and Resource Links
- > Built in analysis tools, quality controls and reporting
- > Crowdsourcing / Hackathons / Contests / Recognition
- > Provide understanding of basin level relationships
- > Build a community narrative / BMPs
- > Offline facilitation and engineering support

March 2012 WWF6

Discover Subject Matter Experts

- ➤ Water Law / Rights
- > Facilitation / Participation
- **➤** Conflict Resolution
- > Conservation
- ➤ Alternative Ag Transfers
- > System Efficiency / Losses (M&I, Agriculture)
- **➤** Modeling / Optimization
- > Data Collection and Analysis, Monitoring

March 2012 WWF6 1

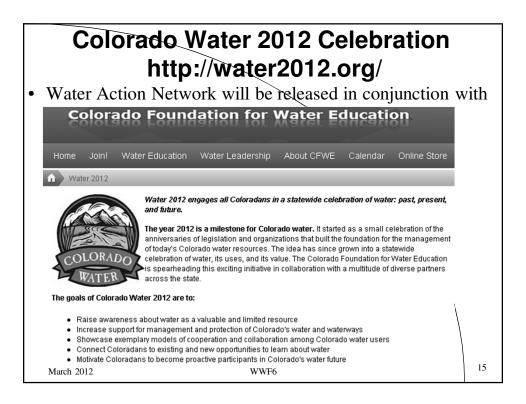
13

Provide Engineering/Tech Support

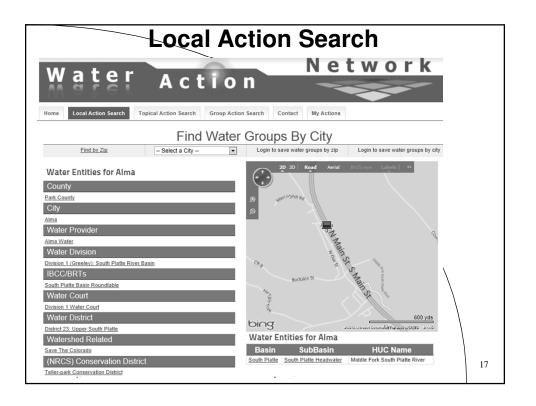
- ➤ University, NGO and government free tools/toolbox
- ➤ SCADA and data collection systems / funding
- > Water quantity /quality optimization, Conjunctive Use
- **➤** GIS and visualization
- ➤ Collaborative Modeling / SVP /
- > Multi-purpose reservoir operations management
- > IWRM Scarce allocation, Basin scale, Governance
- > Product options and consulting services, Estimating

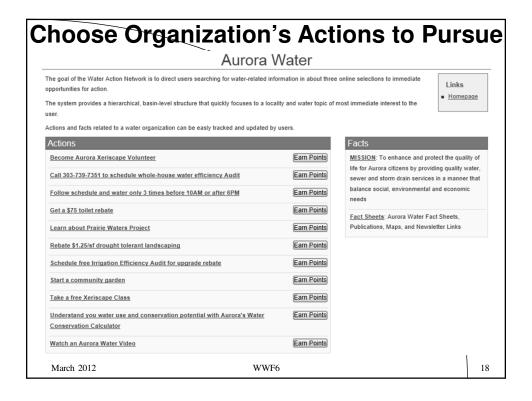
March 2012 WWF6

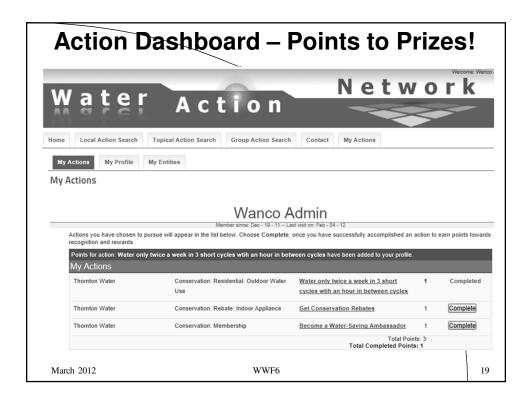


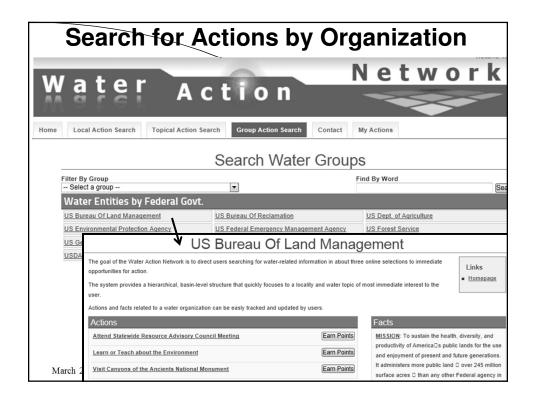


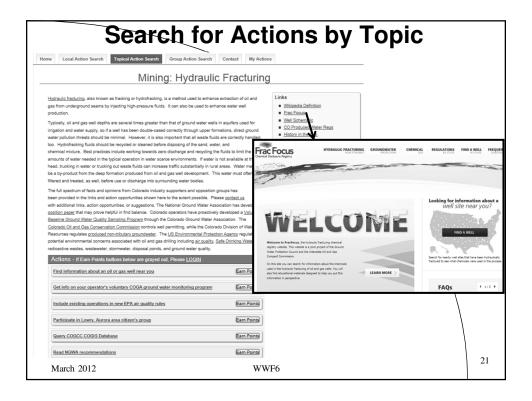


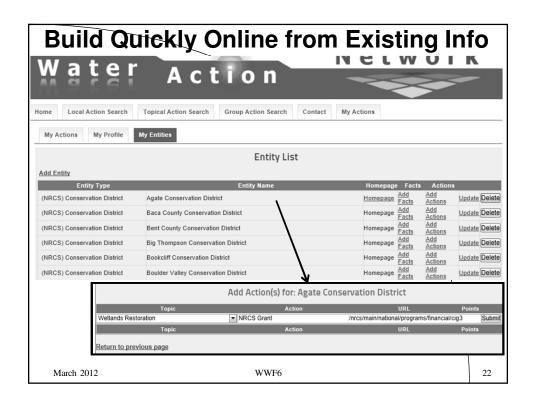












Water Action Network Marketing

- Create videos and interviews of events and Prizes for
 Request inclusion in events
 Provide marketing materials to one
 Get voluntee

- Get volunteers to go door to door + direct
- Set up donated IPads to try out at events
- Provide online video training
- Present to countless community and professional orgs
- Build offline network of IWRM expertise / champions

WWF 6 March 2012 23

