

# This presentation premiered at WaterSmart Innovations

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# Five Years of WaterSense Commercial and Institutional Update

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# Overview

- WaterSense @ 5
  - Accomplishments and Updates
  
- Commercial and Institutional Sector
  - Technical Resources
  - Outreach
  
- Industrial Sector



# Five Years of Growing...

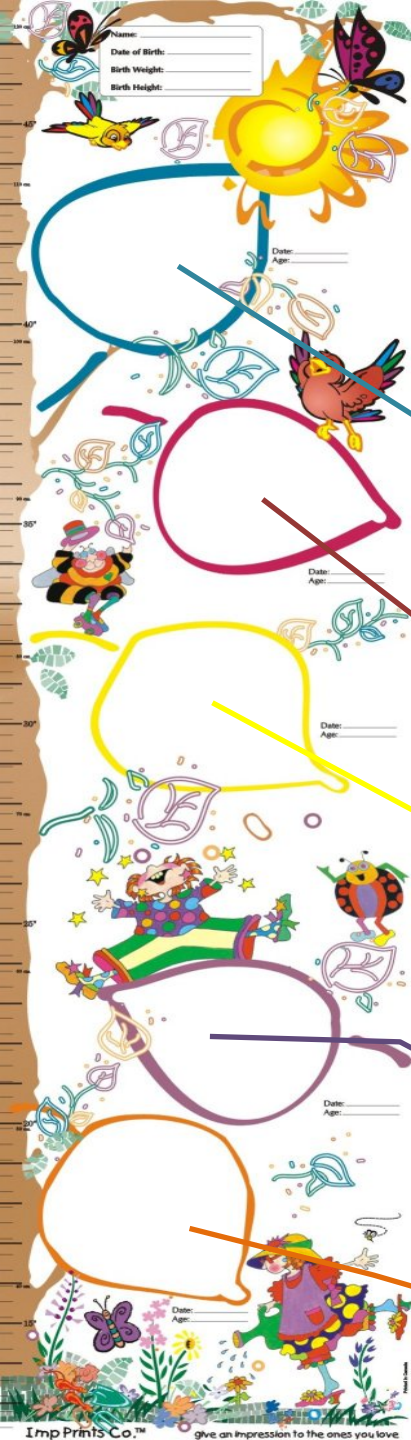
4/2010 – Showerheads

12/2009 – New Homes

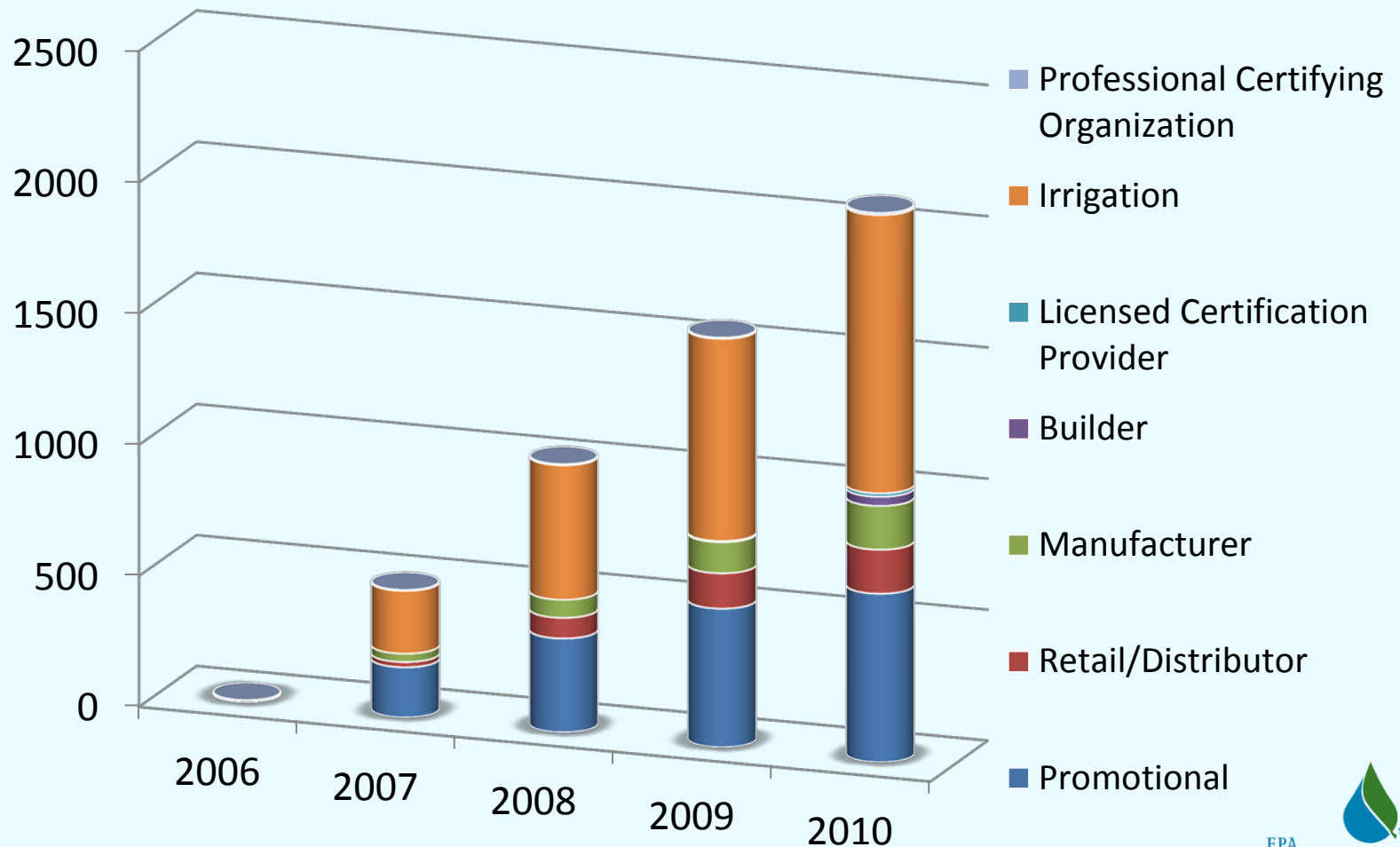
10/2009 – Flushing Urinals

10/2007 – Faucets and Accessories

1/2007 – High Efficiency Toilets

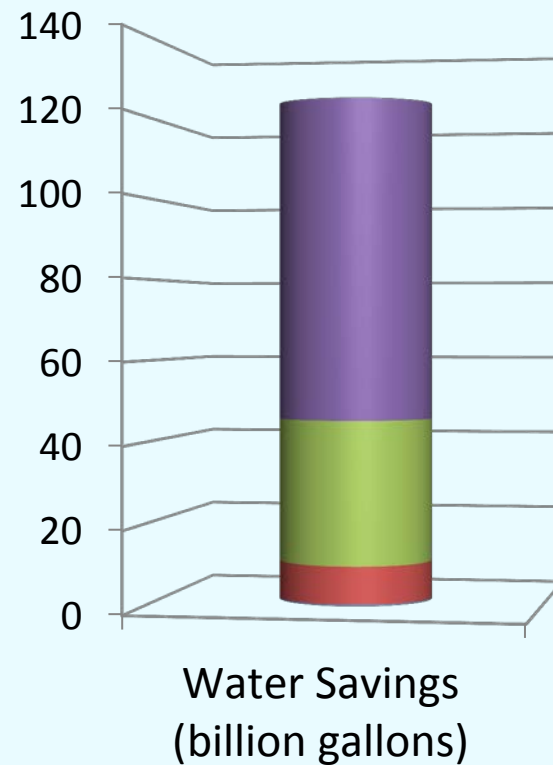
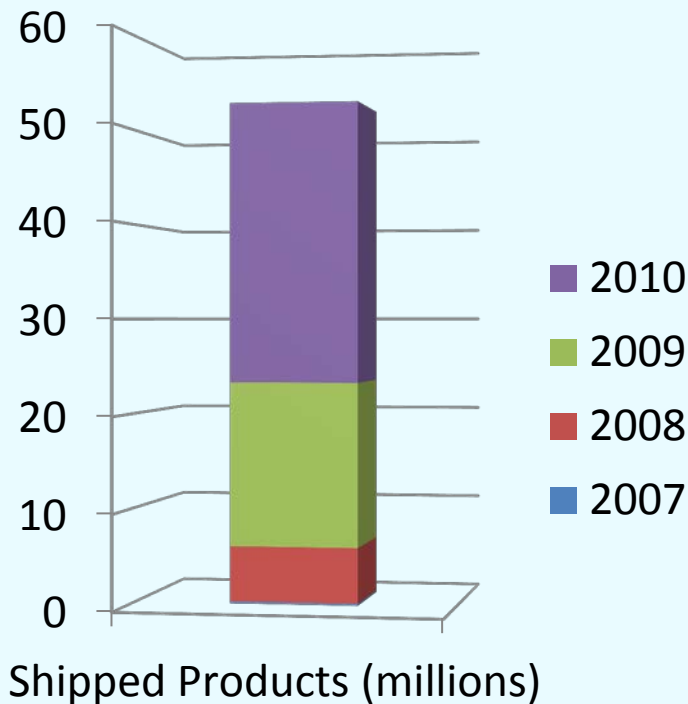


# Five Years of Making Friends...



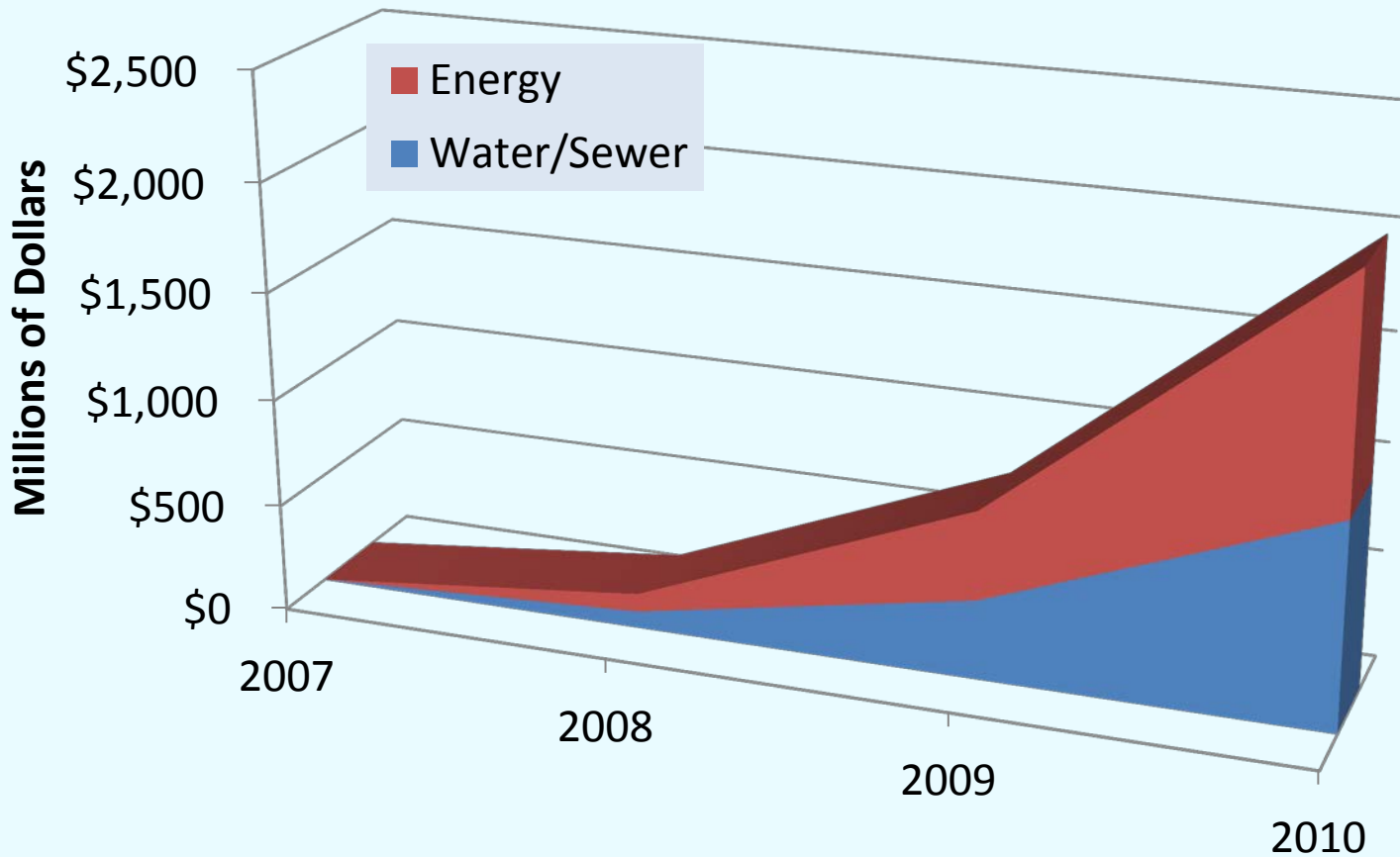
# Five Years of Labeled Products and Water Savings

53 million products saving 125 billion gallons of water!!



# Five Years of Saving Cash...

\$2 billion in utility bill savings!!



# Where Is the WaterSense Label?

- **Tank-Type Toilets**
  - More than **800** labeled models
- **Faucets/Faucet Accessories**
  - More than **2,600** labeled models
- **Flushing Urinals**
  - **39** labeled valves, **33** labeled fixtures
- **Showerheads**
  - Almost **400** labeled models
- **Single-Family New Homes**
  - More than **30** labeled homes
- **Professional Certifying Organizations**
  - **10** labeled organizations



Labeled products are listed at [www.epa.gov/watersense/products/index.html](http://www.epa.gov/watersense/products/index.html)





# With More to Come...

- Revisions to Certification System
  - New product notification process
  
- Final Specs
  - Weather-based irrigation controllers
  
- Draft in development
  - Pre-rinse spray valves



- Preliminary research
  - Cation exchange water softeners
  - Dipper wells
  - Outdoor products



# WaterSense and CI Sector

- EPA focusing on education and outreach
- Creating *WaterSense at Work: Best Management Practices for Commercial and Institutional Facilities*
  - Managing indoor and outdoor facility water use
  - Recommending WaterSense labeled products and partners
  - Improving water use in processes and applications
  - Promote education for employees and customers
- EPA has no plans to label water-efficient CI buildings



# WaterSense at Work: CI BMPs

- BMP Structure
  - Technology Overview
  - Operation, Maintenance, and User Education
  - Retrofit Options
  - Replacement Options
  - Savings Potential
  - Additional Resources
- Case Studies for Each Section



# WaterSense at Work - CI BMPs

- CI Water Use
  - Water Management Planning
  - Metering
  - Leak Detection
  - User Education and Outreach
- Sanitary Fixtures and Equipment
  - Toilets
  - Faucets
  - Showerheads
  - Urinals
  - Laundry
- Commercial Kitchens
  - Commercial Dishwashers
  - Pre-Rinse Spray Valves
  - Ice Makers
  - Food Disposals
  - Combination Ovens
  - Dipper Wells
  - Steam Cookers
  - Steam Kettles
  - Wash Down Sprayers
  - Wok Stoves



# WaterSense at Work - CI BMPs

## ■ Lab and Medical

- Glassware Washers
- Fume Hood Filtration and Wash-Down Systems
- Steam Sterilizers
- Vacuum Pumps
- Water Purification
- Vivarium Washing and Watering Systems
- Photographic and X-Ray Equipment

## ■ Outdoor

- Water-Efficient Landscaping
- Water-Efficient Irrigation
- Vehicle Washing

## ■ Alternative Water Sources

## ■ Mechanical Systems

- Cooling Towers
- Single-Pass Cooling
- Boilers and Steam Systems
- Chilled Water Systems
- Water Softeners



# Supporting WaterSense Partners

- WaterSense will help partners reach CI customers
  - More WaterSense labeled products categories
  - New technical resources and outreach materials
  - Nationwide messaging on CI water efficiency
  - Connections to other WaterSense partners
    - Learn from other programs
    - Combine efforts for greater effect



# Targeted CI Sectors

WaterSense BMP outreach will initially focus on:

- Hospitality
- Office Buildings
- Healthcare
- Restaurants
- Educational Facilities





# Industrial Water Use

- Memorandum of Understanding with California Urban Water Conservation Council
  - Task force on CII Water Use
  - Collaborating on BMPs to address all of CII
- Lean Manufacturing and Water Toolkit
  - Developing in partnership with EPA Office of Policy
  - Guidebook that targets water wasted in industrial processes
  - Released this fall





# What Can You Do?

- Promote WaterSense labeled products
- Become a WaterSense partner
- Recruit new WaterSense partners
- Refer CII customers to BMPs and Lean and Water Toolkit
- Educate others about importance of water efficiency and WaterSense



# Share Your Knowledge

- Submit info and tips on CII programs to WaterSense in Action on Partner Site
- Explore to see what others are doing



Share your experiences!  
Learn from others!

Check out the WaterSense  
in Action success stories

## WaterSense in Action

Are you interested in doing more to promote WaterSense implement a rebate program, but don't know where to be  
Search here to read about partners' successful activities

Type of Activity:

Demonstration
All
Advertisement (Print, Television, Radio)
Article (Newsletter, Trade Journal)
Campaign/Promotion (e.g. WaterSense Labeled Products)
Collaboration with WaterSense Partners
Demonstration
Educational Program (Schools, Community Groups)
Exhibit (at Public Fair, Conference, Event)
Fix a Leak Week
Giveaway Program
Incentive Program (Tax-Free Holiday, Rebate, Account Credit)
InStore Promotion
Outreach Material (Bill Insert, Consumer Handout)
Presentation or Speech
Public Signage
Recruitment of New WaterSense Partners
Social Media
Training
Water-Efficient Landscape (Design, Install, Audit)
Website
We're for Water
Workshop (Consumers, Contractors)
Other

Location: Atlanta, GA

# More Information

## ■ Contact Information

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## ■ Visit us!

- Web site: [www.epa.gov/watersense](http://www.epa.gov/watersense)
- Facebook: [www.facebook.com/epawatersense](http://www.facebook.com/epawatersense)
- Twitter: [www.twitter.com/epawatersense](http://www.twitter.com/epawatersense)

## ■ Questions?

- E-mail: [watersense@epa.gov](mailto:watersense@epa.gov)
- Toll-free Helpline: (866) WTR-SENS

