# RECYCLING NEEDS SURVEY RESULTS AND OPPORTUNITIES!

#### WHO PARTICIPATED?

#### **RURAL**

Avondale (76,238)

Bisbee (5,593)

Bullhead City (39,540)

Casa Grande (48,571)

El Mirage (31,797)

Flagstaff (65,870)

Fountain Hills (22,489)

Gila County (53,144)

Goodyear (65,275)

Holbrook (5,057)

Jerome (444)

Lake Havasu City (52,527)

Sierra Vista (43,888)

Springerville (1,965)

Thatcher (4,851)

Tolleson (6,558)

Wickenburg (6,376)

#### **SUBURBAN**

Gilbert (208,453)

Peoria (154,065)

Pima County (989,569)

Tempe (161,719)

Tucson (520,116)

#### URBAN

Phoenix (1,445,632)

ABCO Recycling

Avalon Organic Gardens

**Commercial Business** 

**OTHER** 

**DMD Systems Recovery** 

**Environmental Concerns Organization** 

Estrella Community College

E-Waste Harvesters

**Graham County Health Department** 

Hopi Tribe (7,799)

Keep Phoenix Beautiful

Navajo Nation (107,094)

S & D Recycling

Sedona Recycles

Trex Company

University of Arizona

University of Arizona Health Network

#### **CITY POPULATION RANGES**

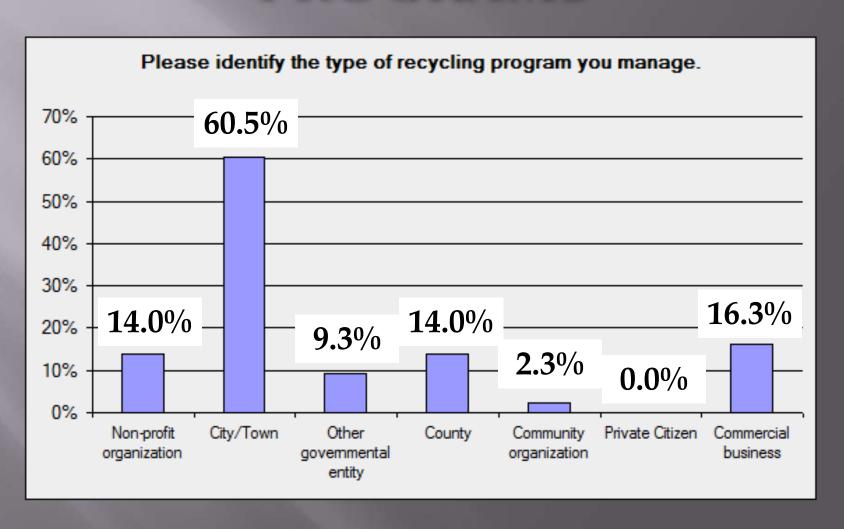
RURAL 10 - 99,999

SUBURBAN 100,000 - 999,999

URBAN 1,000,000 - 9,999,999



# TYPES OF RECYCLING PROGRAMS



# PURPOSE OF THE RECYCLING NEEDS SURVEY

- Rank the recycling needs of each community
- Discuss other needs not mentioned in the survey
- Comments and concerns from past grant recipients
- Other feedback on recycling needs and components of the Recycling Program

### RECYCLING NEEDS

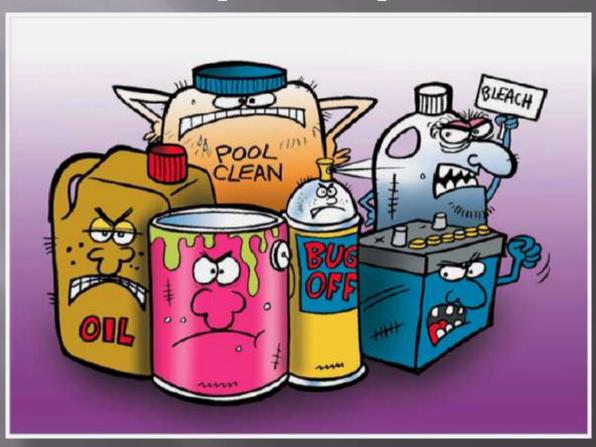
- Curbside CollectionService
- Household HazardousWaste Sponsorship
- 3. New Recycling Equipment
- 4. Household Recycling Bins
- 5. Temporary Special Event Recycling Bins
- 6. Outreach Materials for Distribution

- Food Waste RecyclingAssistance
- 8. Green Waste Diversion Assistance
- Statewide Recycling DataReports
- no. Repairs or Maintenance for Recycling Equipment
- 11. E-Waste Sponsorship
- Recognition or Award Program

Curbside Collection Service



Household Hazardous Waste Sponsorship



New Recycling Equipment



Outreach Materials for Distribution



# Recycling Need #7 & #8

Green Waste Diversion & Food Waste Recycling Assistance



### OTHER RECYCLING NEEDS...

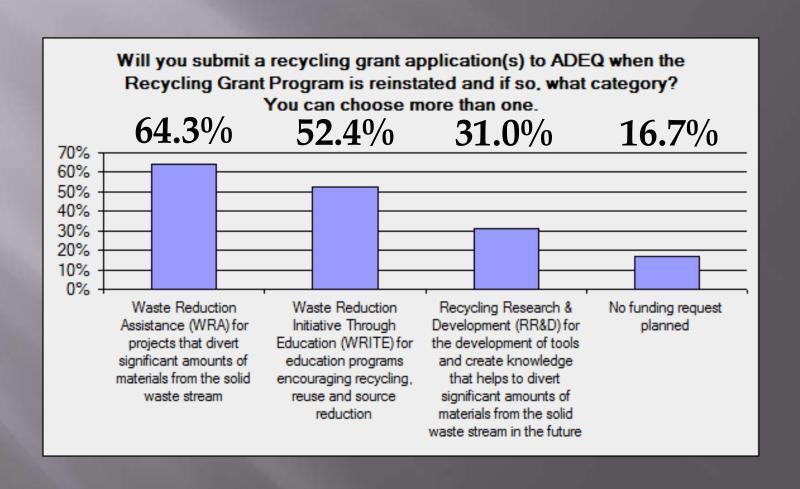
- Recycling in Apartments
- Recycling Tires, Large Metal Items, Glass, Clothing, Furniture, Oil, Grease
- Statewide Recycling Campaign (Pay as you Throw)
- School Curricula
- Reports on Diversion Efforts
- Expand Plastic Bag and Film Recycling (Bag Central Station)
- GRANT FUNDING
- MANDATING RECYCLING IN AZ



## PAST GRANT EXPERIENCES

- Re-launched Tempe's Recycling Program
- Removal of Household Hazardous Waste was very successful for the Hopi Tribe's Environmental Program
- WRA funding program was impetus for providing seed money for Fountain Hills nonprofit corporation's environmental projects
- Keep Phoenix Beautiful finds the ADEQ recycling grant program critical to the improvement and expansion of recycling programs
- ADEQ grant funding helped with public education and getting our curbside trash and recycling program started
- El Mirage received a grant that successfully eliminated household hazardous waste
- Bullhead City used the ADEQ grant program to start a pilot recycling program that is still working great

# GRANT CATEGORY POPULARITY

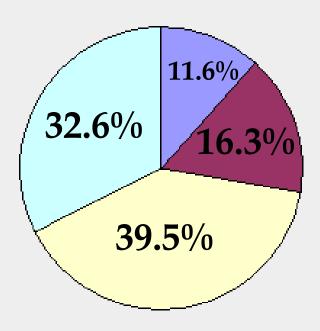


## NEW FUNDING CATEGORIES

- Multi-housing Recycling
- Funding to build a Transfer/Recycling Station
- E-waste Recycling with lead
- Tires and Hazardous Waste
- Green Waste/Composting
- Onsite Production of Recycled Materials
- Multi-City/Multi-Town-to encourage regional partnerships

### MATCHING FUNDS

In past years, ADEQ has required matching funds as a condition of the grant award. Up to what percent could your community or organization contribute a match before it precluded your ability to apply for the grant?



- We could do a 100% match
- We could do a 50% match
- We could do a 25% match
- ■We cannot provide any matching funds

### GRANT CYCLES

# MULTI-YEAR: 74.4%

- Able to have many phases (planning, implementation and maintenance)
- Sustain a program regardless of the economy
- Allow tracking the success

## ONE YEAR: 25.6%

- Time consuming to do each year
- Limits research
- Once program is a success the funding is gone

# RECYCLING DATA REPORTS

84%

of the participants
would like to receive
and contribute
recycling reports

# CONTACT US

J.B. Shaw Recycling Coordinator Sustainability Programs Unit AZ Department of Environmental Quality 1110 W Washington Street Phoenix, AZ 85007 (602) 771-5613 js15@azdeq.gov