



STATE OF ARIZONA RECYCLING PROGRAMS

J.B. Shaw
Recycling Coordinator
602-771-5613



- Arizona Recycling Programs current state
- Recycling End Market Development
- Regional Recycling Programs
- What is SMM & Life-Cycle Perspective?
- SMM Strategic Plan
- Topics in SMM
- What you can do!
- Measurement, tools & resources
- VESP

■ AZ Recycling Programs Cancelled

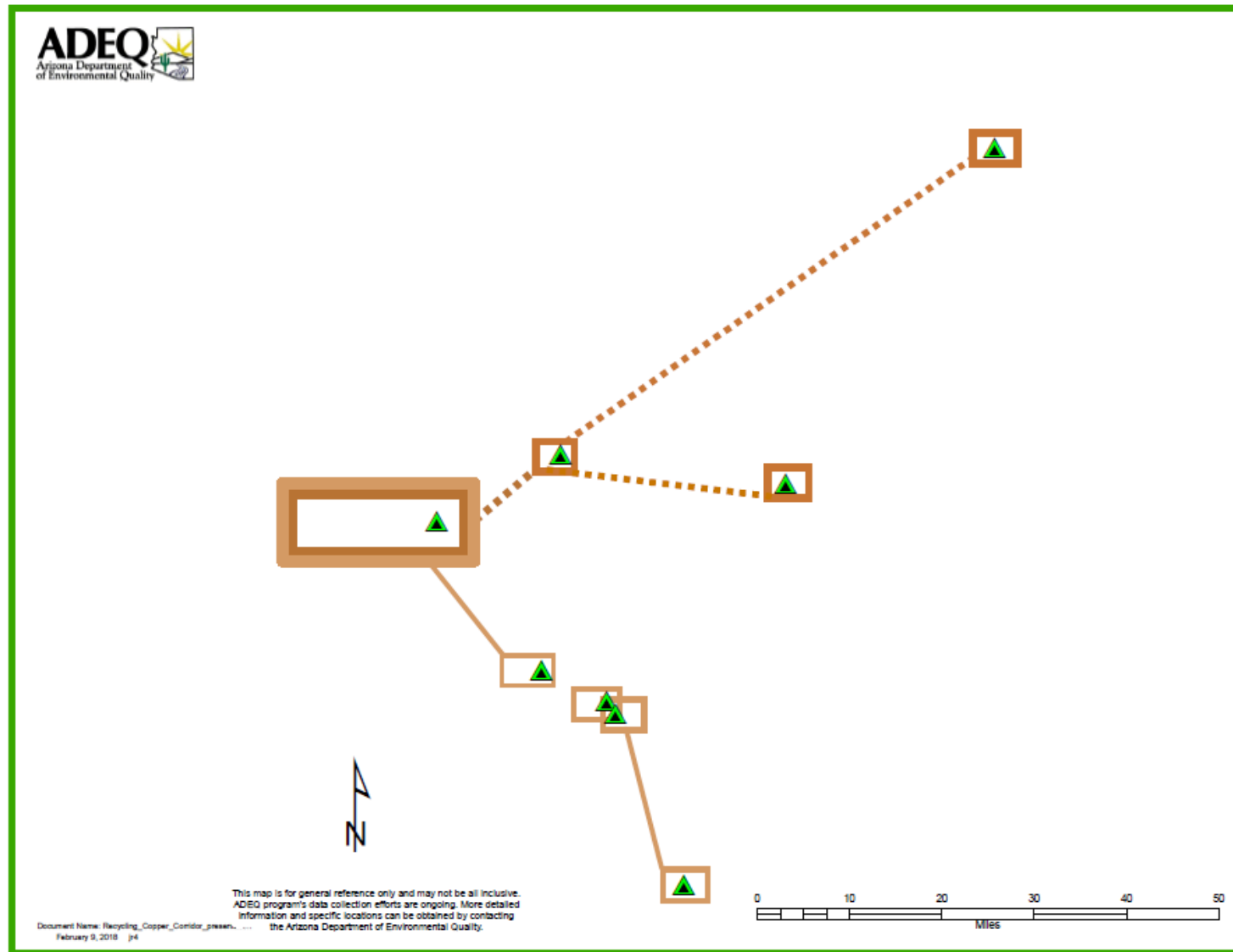
- Sierra Vista
- Surprise
- Casa Grande
- Thatcher
- Safford
- Globe
- Page



END MARKET DEVELOPMENT



FUTURE STATE: REGIONAL RECYCLING



WHAT IS SMM & LIFE CYCLE PERSPECTIVE?

- REDUCE
- REUSE
- RECYCLE & COMPOST
- ENERGY RECOVERY
- LANDFILL ☹️



Sustainable materials management (SMM) is a systemic approach to using and reusing materials more productively over their entire life cycles

- Use materials in most productive way while trying to use less
- Reduce toxic chemicals & environmental impacts during life cycle
- Assure there will be sufficient resources for today and into the future



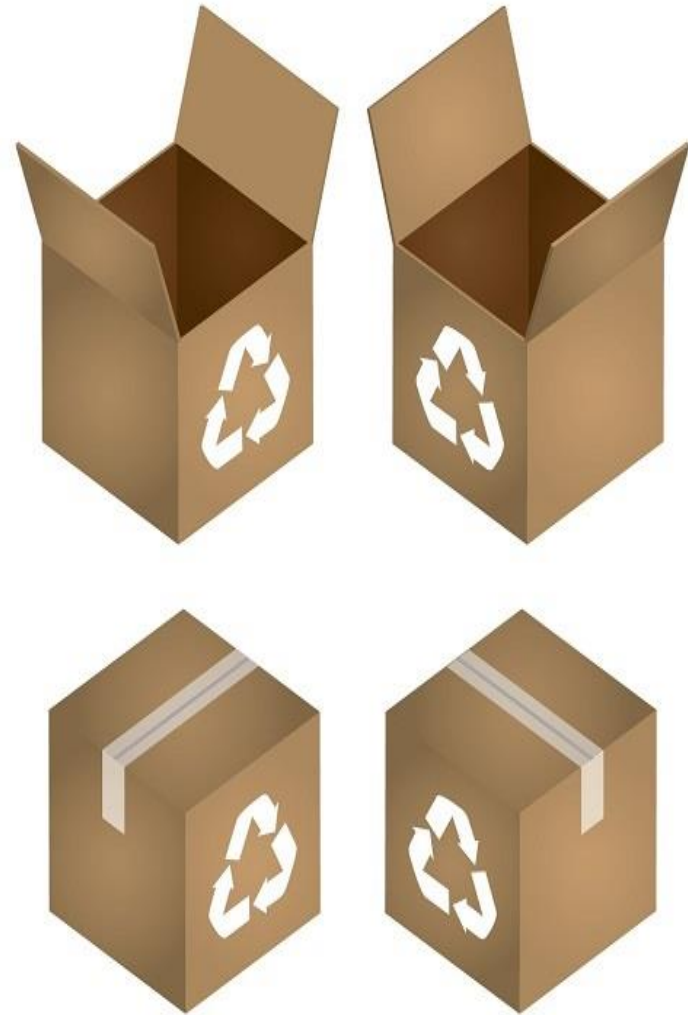
- Strategic Plan
https://www.epa.gov/sites/production/files/2016-03/documents/smm_strategic_plan_october_2015.pdf
- Priority areas for SMM
 - The Built Environment
 - Sustainable Food Management
 - Sustainable Packaging
- SMM emphasis areas
 - Sustainable Electronics Management
 - Measurement
 - Life Cycle Assessment
 - International SMM Efforts



- Food
- Electronics
- Green Sports
- The Built Environment
- Packaging

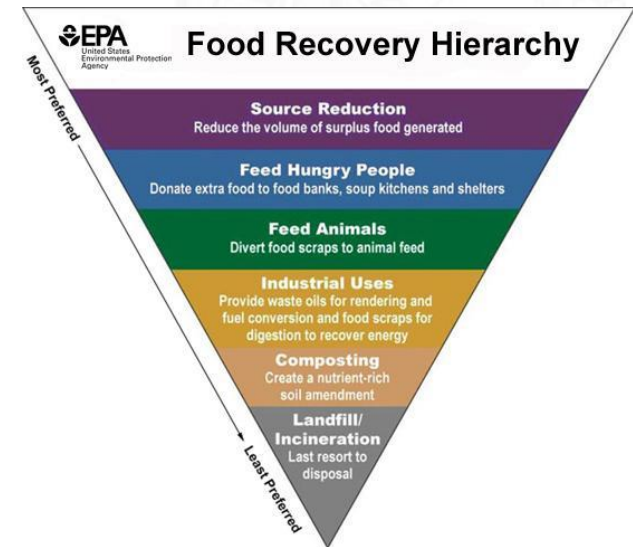
❖ Materials Marketplace

- ❖ Casting Sand



WHAT YOU CAN DO!

- **SMM Partnerships**
 - **Food Recovery Challenge**
 - SMM Electronics Challenge
 - Federal Green Challenge
 - **WasteWise**
 - Food Loss & Waste 2030 Champions



- Form a Waste Reduction Team
- Waste Audit
- Determine focus areas
- Evaluate options
- Set goals – track/measure
- Implement planned activities
- Work with WasteWise
- Announce your achievements



- Join WasteWise
- Once approved, complete participation agreement within 7 days
- Submit baseline data within 90 days
- Establish annual quantitative goal of at least 5% increase in waste diversion
- After a year, establish self-directed quantitative goals in waste diversion
- Submit annual data by March 31st each year

- Facts & Figures about Materials, Waste and Recycling
- Waste Reduction Model (WARM)
- Recycling Economic Information Report
- State Measurement Sharing Program
- Sustainable Materials Management Tools



A.R.S. §49-192

- Identify and reward organizations with a good history of compliance
- Various categories
 - Copper, bronze, silver, gold and platinum

Reasons to join

- ADEQ recognition of your organization
- Reduced inspection frequency
- Coordination of multiple onsite inspections
- Advanced notification of inspections and enforcement rulings

Contact:

Len Drago,

ADEQ Ombudsman & Tribal Liaison

Phone: (602) 771-2288

drago.len@azdeq.gov



J.B. Shaw
Recycling Coordinator
Arizona Dept. of Environmental Quality
602-771-5613

shaw.joseph@azdeq.gov

www.azrecycles.gov

