

EPA / Sustainability / Local Governments



Smart Growth & Brownfields

- **Smart Growth Technical Assistance**
 - Local workshops led by expert consultants and a next steps report
- **Resilience projects / FEMA partnership**
- **R9 focus communities to support local outcomes**
- **Brownfields Assessment & Cleanup grants**



Energy

- **Energy Star** (building benchmarking & labeled products)
- **Renewable Energy**
 - e.g., solar on contaminated land, anaerobic digestion

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Water

- **WaterSense** (labeled products)
- **Grants** administered by States
 - e.g., Clean Water State Revolving Fund with Green Project reserve
- **Green Infrastructure** (webcasts, guidance, tools)
- **Water Infrastructure** (financing & efficiency info)



Waste & Materials

- **Sustainable Materials Management**
 - e.g., food waste reduction, SMM web academy
- **Safer Choice and Green Product Ecolabels**
- **Pollution Prevention (P2) and source reduction grants**

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Other

- **Clean Diesel Grants**
- **Greener Cleanups of contaminated sites**
- **State & Local Energy and Environment Program**
 - Federal funding opportunities, webinar announcements
 - Urban Heat Island

EPA Assistance in the Form of...

Highlighting best practices/successful models

Tools (e.g., calculators, decision-support tools)

Forming collaborative partnerships across agencies (e.g., federal, state, local)

“Peer to peer” information-sharing

Providing facts & figures

Current EPA Activities w/ SCN Communities

Apache Junction

- Building Blocks Technical Assistance
- Sustainability & Waste analysis (ASU class projects) - Managing & Transforming Waste Streams Tool

Phoenix

- Initiating UHI pilot in S. Phoenix
- Pavement alternatives to reduce UHI & carbon footprint
- Green cleaning of graffiti training
- Support to ASU's RISN projects funded by Public Works
- Pay As You Throw content from Managing & Transforming Waste Streams Tool

Current EPA Activities w/ SCN Communities

SCN Green Infrastructure Workgroup

- Help connect to funding sources for a Maricopa County LID/GI guide

Gila River Indian Community

- EPA contractor support to develop a Zero Waste Plan
- Also developed a Tribal zero waste planning guide & template

Salt River-Pima Maricopa Indian Community

- Past EPA Brownfields Assessment & Cleanup grants for Beeline Gravel Pit
- Tribe now looking to convert site into a Desert Garden

Project Ideas for Students



...Utilizing EPA tools

- Evaluate municipal waste recovery / reduction policy & program strategies
- Estimate 10-year tonnage & GHG reduction potential of waste recovery policy & program strategies
- Incorporate pollinator-friendly plants & practices into public landscapes

Project Ideas for Students



...Utilizing EPA tools

- Evaluate reducing supply chain GHG emissions from municipal purchases
- Assess feasibility of solar on contaminated land
- Benchmark building performance for energy/water/waste
- Conduct a food waste reduction initiative in the community
 - e.g., commercial food vendors, hotels, schools, residents

Discussion

- What are your city's priorities for sustainability?
- Might collaborating with EPA Region 9 help?
- Other ideas?