

Sustainability

Summit



Energystar

GreenChill

Smartway

WasteWise

EPA Regional Activities

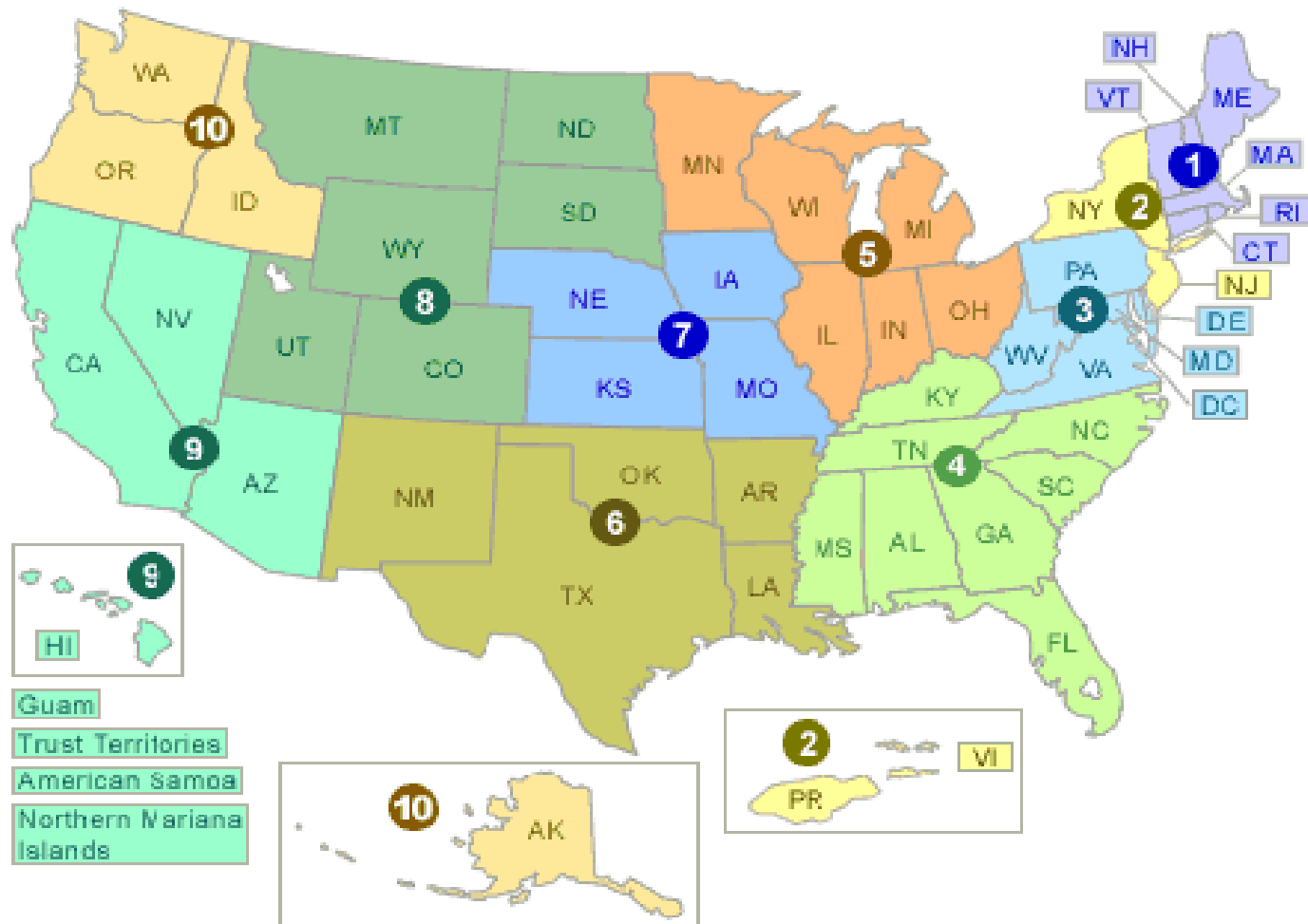


EPA Partnership Programs



- EPA has more than 30 programs and tools specifically tailored to support sustainable business practices
- Presentations today highlight the most popular programs for grocery retailers and manufacturers
- Regions and Program contact list is a source of more information – last slide
- This presentation will be available at www.gmaonline.org

Discovering EPA Programs



R3 Sustainability Partnership

- Mid-Atlantic Sustainability Partnership
<http://www.epa.gov/reg3wcmd/spp/index.html>
- Single-Point of contact to direct and facilitate all program activities
- Simple application procedure launches the partnership; beneficial work strategy initiates program activities



U.S. ENVIRONMENTAL PROTECTION AGENCY RETAIL INDUSTRY PORTAL



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The Retail Industry Portal provides access to the many programs and resources available to help prevent and resolve environmental issues at retail establishments. Two types of resources are available:

- **Compliance Resources:** Help you meet current **regulatory obligations**. In addition to Federal regulations, state regulations may also apply to your business activities. Not complying with regulatory obligations can result in enforcement actions.
- **Sustainability Resources:** Help you voluntarily **go beyond regulatory obligations** to protect the environment.

We want to hear from you.

Did you find what you were looking for?

Will you share your success stories on sustainable practices in your industry?

Help us, help you.

[Send us your feedback.](#)

Regulatory Resources

- [Proposed Regulations](#)
- [Enforcement & Compliance History](#)

Regulatory Highlight

- **E15 (a blend of gasoline and ethanol):** EPA granted a waiver request application allowing fuel and fuel additive manufacturers to introduce into commerce gasoline that contains greater than 10 volume percent (vol%) ethanol and up to 15 vol% ethanol (E15) for use in certain motor vehicles once certain other conditions are fulfilled.

Enforcement Alerts

- **EPA Steps Up Enforcement Against Illegal Mini-Trucks (PDF)** (2 pp, 360K, About PDF)
- **EPA Enforcing Stringent Standards for All Nonroad Engines (PDF)** (4 pp, 530K, About PDF)
- **EPA Enforcing Diesel Fuel Pump Label Requirements**

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New Buildings and Infrastructure

Find compliance resources to manage your: construction & demolition activities, refrigeration/refrigerants, asbestos and septic systems. Also, find information to create and maintain environmentally responsible and resource-efficient buildings.



Facilities Management

Find compliance and sustainability resources for your facility management activities. Topics include energy, fats oils and grease, landscaping, pesticides, refrigeration and air conditioning, recycling, and more.

[Waste/Materials Management](#) | [Tanks/Containers](#)



Transportation Logistics/Supply Chain

Be aware of regulations that apply to the service and repair of motor

Energy Star Goals



- Voluntary climate protection partnership
- Strategic approach to energy management, promoting energy efficient products, practices
- Partners can benchmark facility energy performance in free, online tool – Portfolio Manager
 - Provides 1-100 energy performance rating
 - Tracks energy costs, water, and GHG emissions
 - Apply for recognition for superior energy performance
- Influential brand recognized by 75% of Americans



Energy Star Stakeholders



- 28 supermarket companies have partnered with ENERGY STAR



ENERGY STAR Program Accomplishments



- Over 160,000 buildings measured energy performance (through June 2010)
 - 9,000 supermarkets covering 362 million square feet have benchmarked – represents 29% of market!
- To date, over 12,000 buildings representing 2 billion square feet earned the ENERGY STAR across 50 states
 - Over 1,700 supermarkets have earned the ENERGY STAR
 - Buildings that earn the ENERGY STAR use 35% less energy, on average
- Prevented GHG emissions equal to the electricity use of 60 million American homes every year (as of 2009)

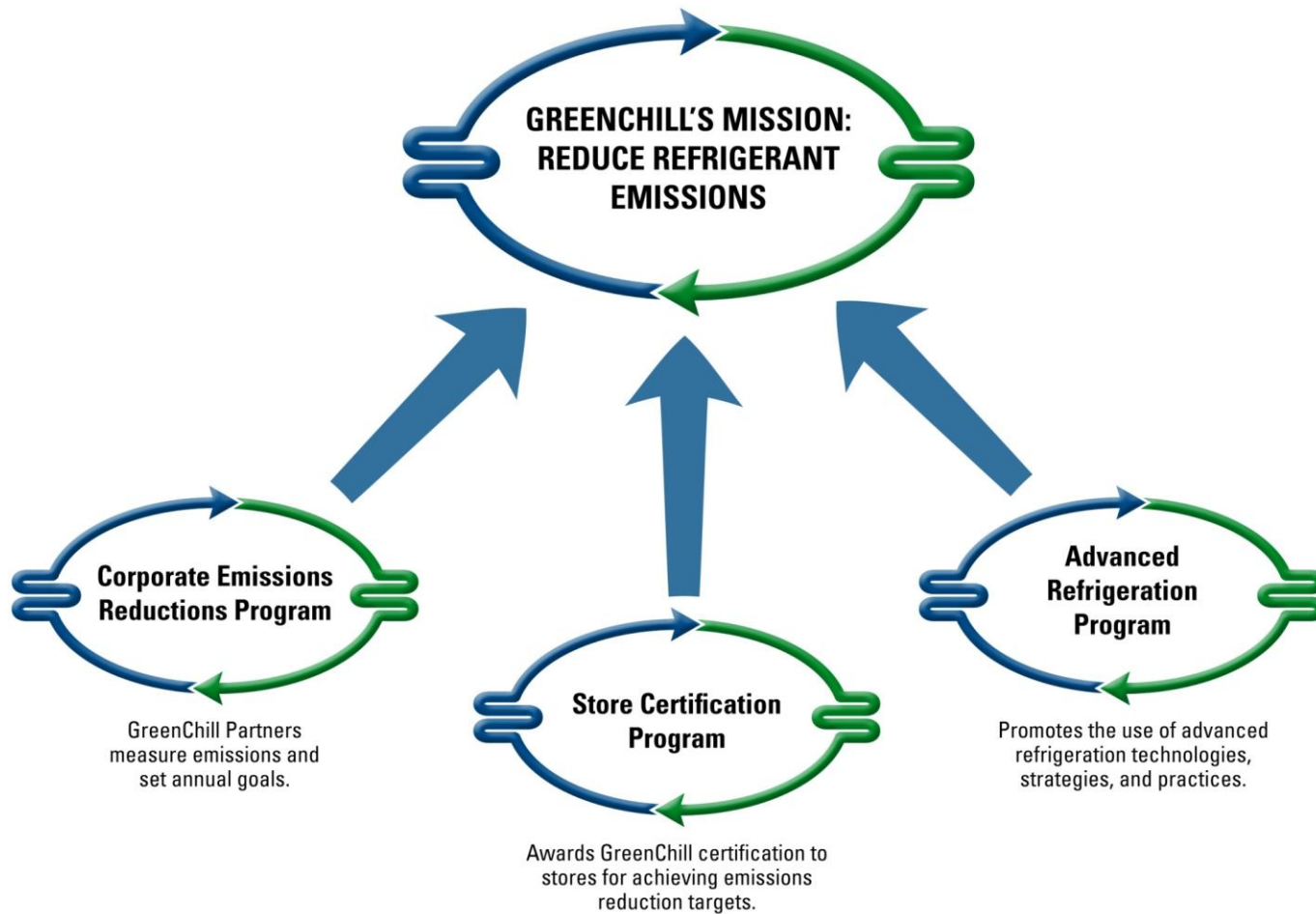


Energy Star: Hot Topics for 2011

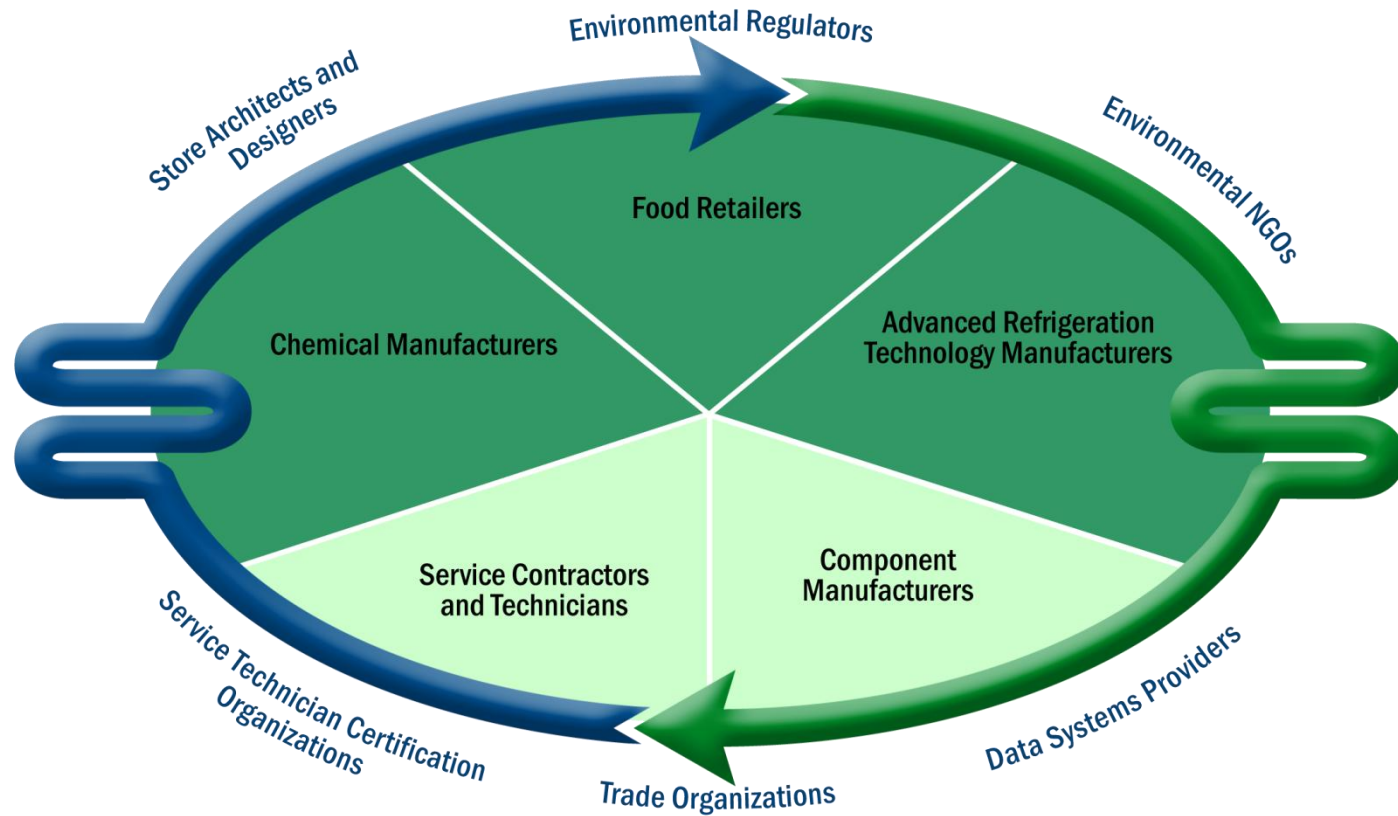


- Increasing attention on the role of commercial buildings in the fight against climate change
- Companies seeking energy efficient solutions across portfolios
- State and local benchmarking legislation and building performance disclosure mandates
- Voluntary campaigns leveraging ENERGY STAR

GreenChill's Goals



GreenChill Stakeholders



	Current Partner Categories
Stakeholder in Black Font	Stakeholder that has a direct influence on stores' refrigerant emissions
Stakeholder in Blue Font	Stakeholder that facilitates stores' refrigerant emissions reductions

GreenChill Accomplishments



- GreenChill now has 50 partners with ~5500 stores in 48 states
- Average GreenChill Partner leak rate = 12% vs. national average 25%
- If every supermarket achieved a 12% leak rate, the supermarket industry would save EVERY YEAR
 - 22,000,000 metric tons of CO₂e
 - Over \$100,000,000 in reduced refrigerant replacement costs
- >60 Store Certification Awards w/minimum 65% emissions reduction vs. average

GreenChill: Hot Topics for 2011

- Increased transition to refrigerants with lower global warming impact in new construction
- Lifecycle cost analysis of green refrigeration systems
- Greater recognition that refrigerant emissions reductions are the low hanging fruit of greenhouse gas reductions
 - Refrigerant leaks are direct greenhouse gas emissions
 - Refrigerants have high global warming potentials (1800-3900 times the GWP of CO₂)
 - Prevent 1 pound of R-404A leaked = the global warming impact of ~3,100 kWh of electricity in CO₂e
 - Prevent 1000 pounds of R-404A leaked = the global warming impact of ~3,100,000 kWh of electricity use in CO₂e

WasteWise Program Goals



- Help organizations eliminate costly waste through waste reduction practices —benefiting the organization's bottom line and the environment
- Three pronged approach to waste reduction:
 - Waste prevention/source reduction
 - Recycling
 - Purchasing and/or manufacturing recycled content products

WasteWise: Hot Topics for 2011



- **Free Technical Assistance – WasteWise Helpline**
- **Online Waste Tracking Software – WasteWise Re-TRAC**
- **EPA Recognition – Awards, Case studies, etc.**
- **Climate Profile**
- **WasteWise Food Recovery Challenge**

Wastewise Stakeholders



- Any type of organization can join.
- Currently, there are more than 3,000 members in WasteWise from more than 50 sectors.
- Partner requirements:
 - Submit baseline data within 60 days of joining program
 - Annually update WasteWise on progress of waste reduction programs

WasteWise Accomplishments



- **Currently, there are more than 3,000 members in WasteWise from more than 50 sectors.**
- **Since 1994, partners reported reducing 175 million pounds of waste which equates to more than 93 million MTCE**

EPA Program Contacts

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