

RAD Partner Meeting

April 29, 2014

2:00-3:00pm EDT

Marriott Wardman Park, Madison Room
Washington, D.C.



Agenda



- Introductions
- Overview of Recent RAD Program Activities
- Partner Meeting Guidelines and Goals
- *Discussion Topic 1: Opportunities*
 - Retailer-Utility Partnerships
 - Consumer Awareness and Satisfaction
- Recycling Facilities with Foam Recovery Capabilities
- *Discussion Topic 2: Partner Challenges*
 - Foam Recovery Across Blowing Agent Types
 - Other Recycling Trends

Introductions



- Melissa Fiffer, RAD Program Manager
- Gail Scott, Facilitator
- Jess Renny/Becca Shopiro, ICF in support of EPA RAD Program

- *Introducing:* Sally Hamlin, incoming RAD Program Manager

Welcome, New Partners!



- Delmarva Power
- Pepco
- Efficiency Vermont
- Focus on Energy

Kudos, RAD Partners!

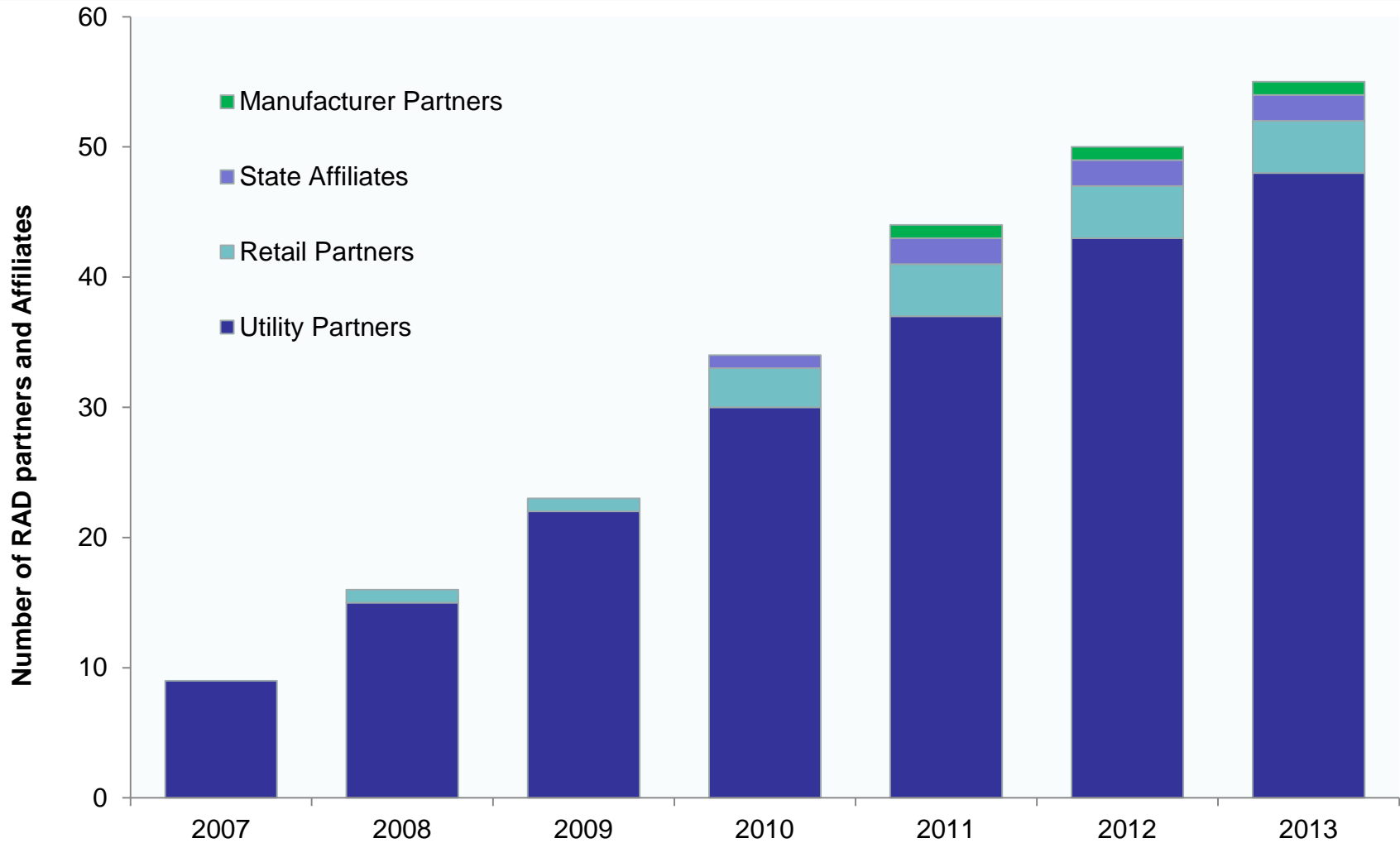


- Environmental benefits achieved by RAD Partners have been generally increasing since 2007:
 - More RAD Partners
 - More capacity
 - More units processed
 - More foam recovery
 - More types of foam blowing agent recovered

Partners & Affiliates



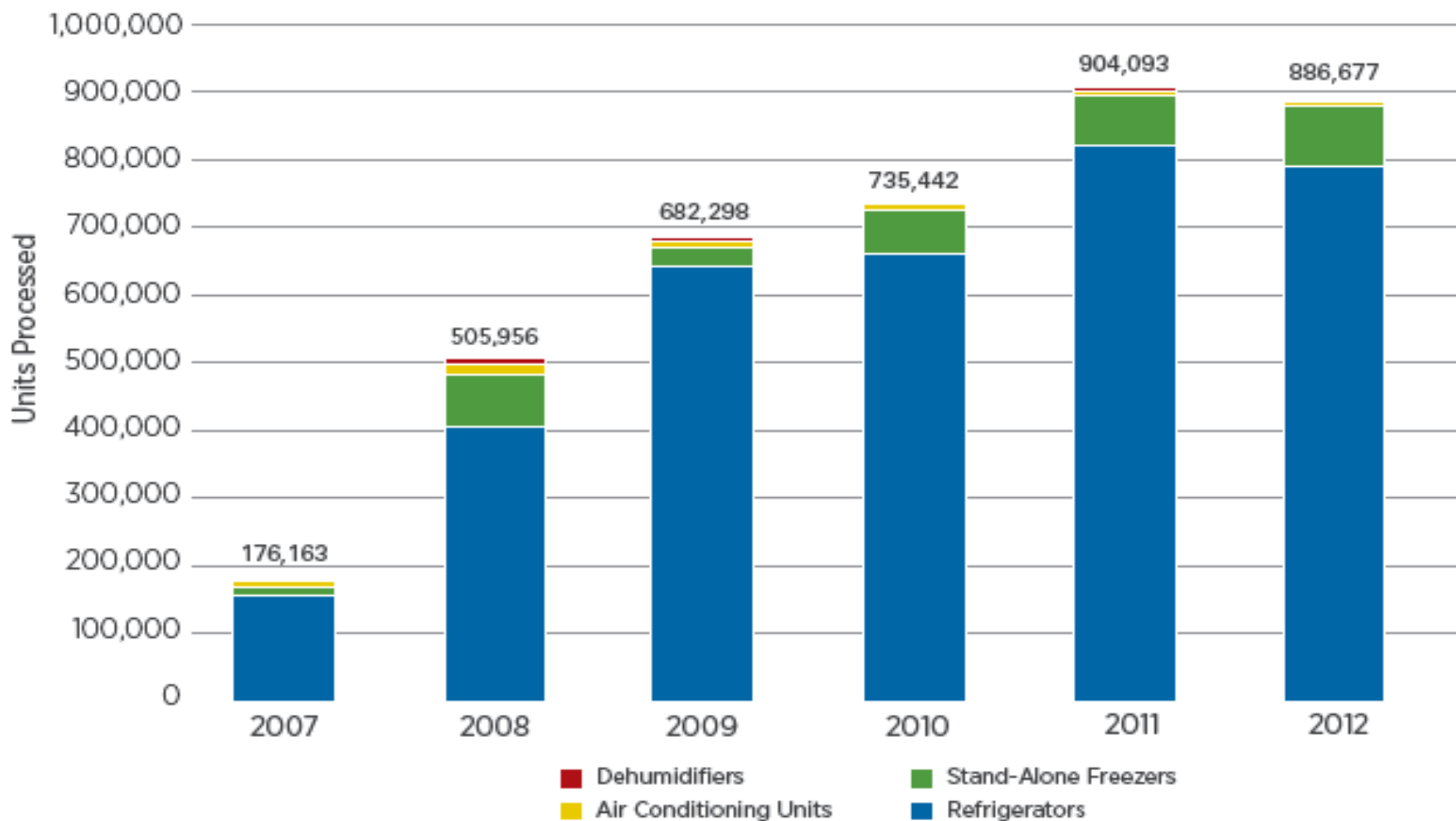
RAD Partners have increased from 9 in 2007 to 55 in 2013



Appliances Processed by Partners



4x increase in number of units processed by partners





Recent RAD Program Activities Help Frame Today's Discussion Topics

- Webinar: “Retailer-Utility Recycling Programs” (March 2014)
 - RAD Retail Partner, Sears
 - RAD Utility Partner, Consumers Energy
 - Recycler, JACO Environmental
- Webinar: “Increasing Climate Benefits through Your Recycling Program” (Feb. 2014)
 - RAD Manufacturer Partner, GE Appliances
 - Recycler, ARCA Advanced Processing

Guidelines for Today's Partner Meeting



- Share experiences with other RAD partners and recyclers in an active, facilitated dialogue
- Be willing to learn from each other; keep an open mind
- Please identify yourself when speaking
- SMILE – You may be photographed, and this is a friendly meeting 😊
- Others?

Goals of Today's Partner Meeting



- Identify ways partners can collaborate to broaden our reach and environmental achievements
- Share successful consumer awareness and satisfaction stories
- Understand availability of RAD recycling facilities
- Consider ways your program can do even more to reduce greenhouse gas emissions through recovery of CFC, HCFC and HFC foam
- Identify specific resources partners would like from the RAD Program
- Other goals?



Discussion Topic 1: Opportunities

- A) Retailer-Utility partnerships
- B) Best practices for consumer satisfaction/awareness campaigns



A) Retailer-Utility Partnerships

- What are some success stories?
- What are some innovative pilot program approaches?
- Why did your company engage in partnership?
- What have been the benefits?



B) Consumer Awareness and Satisfaction

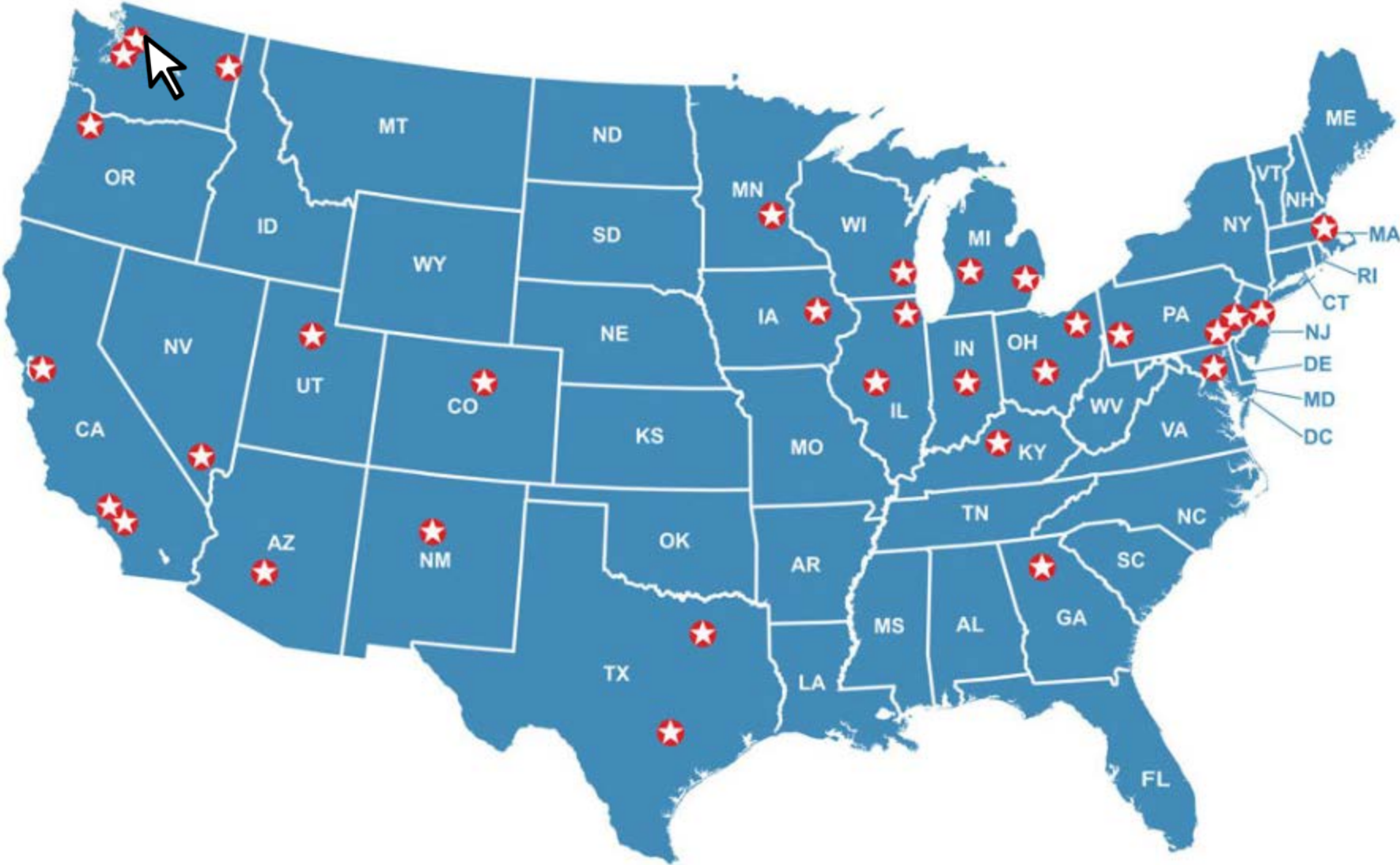
- What was your appliance recycling program's most effective outreach mechanism in the past year?
- Did you try anything new? How did it go?
- How do you measure success?
- Did you see any effects on consumer satisfaction?



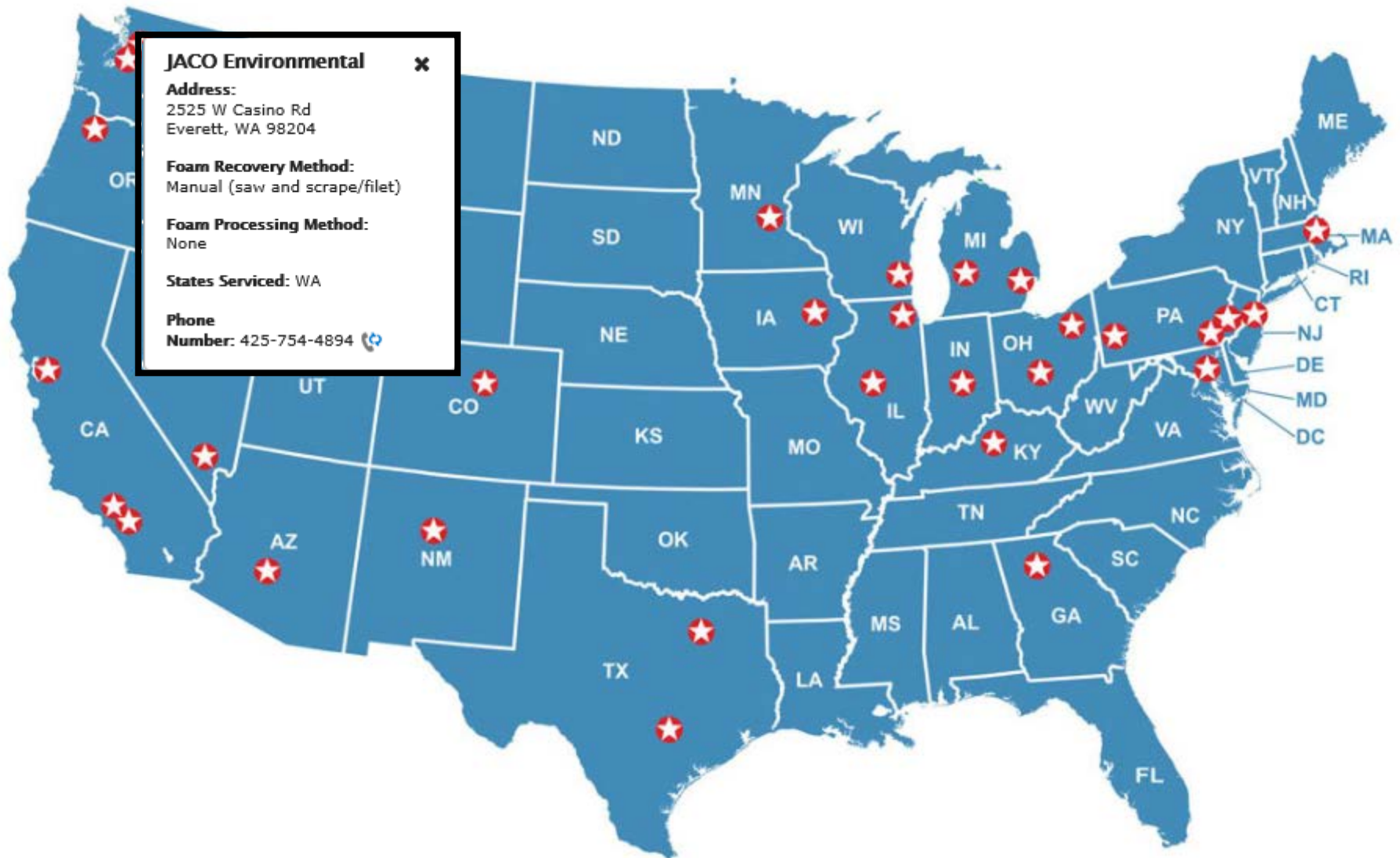
Recycling Facilities with Foam Recovery Capabilities

- Map & searchable table of recycling facilities serving RAD partners
 - Facility name, address, phone
 - Foam recovery method
 - Foam processing technology (if applicable)
 - States serviced

Map of Facilities Servicing RAD Partners



Map of Facilities Servicing RAD Partners



List of Facilities Servicing RAD Partners




Search all columns:

Filter by	Filter by	Filter by	Filter by	Filter by
Facility Name	Address	Phone Number	Foam Recovery Method	Foam Processing Method
JACO Environmental	25 North 47th Avenue Phoenix, AZ 85043	949-494-6443 ☎	Manual (saw and scrape/filet)	JACO PU Foam Degasser
ARCA Recycling, Inc.	1920 South Acacia Avenue Compton, CA 90220	310-223-2804 ☎	Manual (saw and scrape/filet)	Adelmann
JACO Environmental	1085 Whipple Rd Hayward, CA 94544	949-494-6443 ☎	Manual (saw and scrape/filet)	JACO PU Foam Degasser
JACO Environmental	331 S. Hale Rd Fullerton, CA 92835	949-494-6443 ☎	Manual (saw and scrape/filet)	JACO PU Foam Degasser
ARCA Recycling, Inc.	5750 East 58th Avenue, Suite A Commerce City, CO 80022	207-409-8336 ☎	Manual (saw and scrape/filet)	None
JACO Environmental	780 Layton Avenue Salt Lake City, UT 84104	949-494-6443 ☎	Manual (saw and scrape/filet)	JACO PU Foam Degasser
ARCA Advanced Processing	4301 N Delaware Ave Philadelphia, PA 19137	215-268-7500 ☎	UNTHA Recycling Technology (URT) System	UNTHA Recycling Technology (URT) System
ARCA Advanced Processing	4301 N Delaware Ave Philadelphia, PA 19137	215-268-7500 ☎	UNTHA Recycling Technology (URT) System	UNTHA Recycling Technology (URT) System

- Filter by
- AZ
- CA
- CA (Nothern)
- CA (Southern)
- CO
- CT
- DE
- GA
- IA
- ID
- IL
- IN
- KY
- MA
- MD
- MI
- MN
- MO
- MT
- NC
- NE
- NJ
- NM
- NV
- NY
- OH
- OR
- PA
- RI

List of Facilities Servicing RAD Partners

Search all columns:

State Serviced	Facility Name	Address	Phone Number	Foam Recovery Method	Foam Processing Method
CA	ARCA Recycling, Inc.	1920 South Acacia Avenue Compton, CA 90220	310-223-2804 	Manual (saw and scrape/filet)	Adelmann
CA (Nothern)	JACO Environmental	1085 Whipple Rd Hayward, CA 94544	949-494-6443 	Manual (saw and scrape/filet)	JACO PU Foam Degasser
CA (Southern)	JACO Environmental	331 S. Hale Rd Fullerton, CA 92835	949-494-6443 	Manual (saw and scrape/filet)	JACO PU Foam Degasser

Showing 1 to 3 of 3 entries (filtered from 62 total entries)

"None" indicates that no further foam processing is conducted at the recycling facility. Recovered foam panels are bagged (with the blowing agent intact) and sent for destruction. By contrast, where a Foam Processing Method is listed, the facility uses an automated technology to recover the blowing agent. The blowing agent is then condensed into liquid form, bottled and sent for reclamation or destruction.

[Contact Us](#) to ask a question, provide feedback, or report a problem.

List of Facilities Servicing RAD Partners

Search all columns:

State Served	Facility Name	Address	Phone	Technology	Equipment
AZ	JACO Environmental ARCA Recycling, Inc. ARCA Advanced Processing	47th Environmental Phoenix, AZ 85043	949-494-6443	Manual (saw and scrape/filet)	JACO PU Foam Degasser Adelmann None UNTHA Recycling Technology (URT) System JACO SEG-II
CA	ARCA Recycling, Inc.	1920 South Acacia Avenue Compton, CA 90220	310-223-2804	Manual (saw and scrape/filet)	Adelmann
CA (Nothorn)	JACO Environmental	1085 Whipple Rd Hayward, CA 94544	949-494-6443	Manual (saw and scrape/filet)	JACO PU Foam Degasser
CA (Southern)	JACO Environmental	331 S. Hale Rd Fullerton, CA 92835	949-494-6443	Manual (saw and scrape/filet)	JACO PU Foam Degasser
CO	ARCA Recycling, Inc.	5750 East 58th Avenue, Suite A Commerce City, CO 80022	207-409-8336	Manual (saw and scrape/filet)	None
CO	JACO Environmental	780 Layton Avenue Salt Lake City, UT 84104	949-494-6443	Manual (saw and scrape/filet)	JACO PU Foam Degasser
CT	ARCA Advanced Processing	4301 N Delaware Ave Philadelphia, PA 19137	215-268-7500	UNTHA Recycling Technology (URT) System	UNTHA Recycling Technology (URT) System
DE	ARCA Advanced Processing	4301 N Delaware Ave Philadelphia, PA	215-268-7500	UNTHA Recycling Technology (URT) System	UNTHA Recycling Technology (URT) System



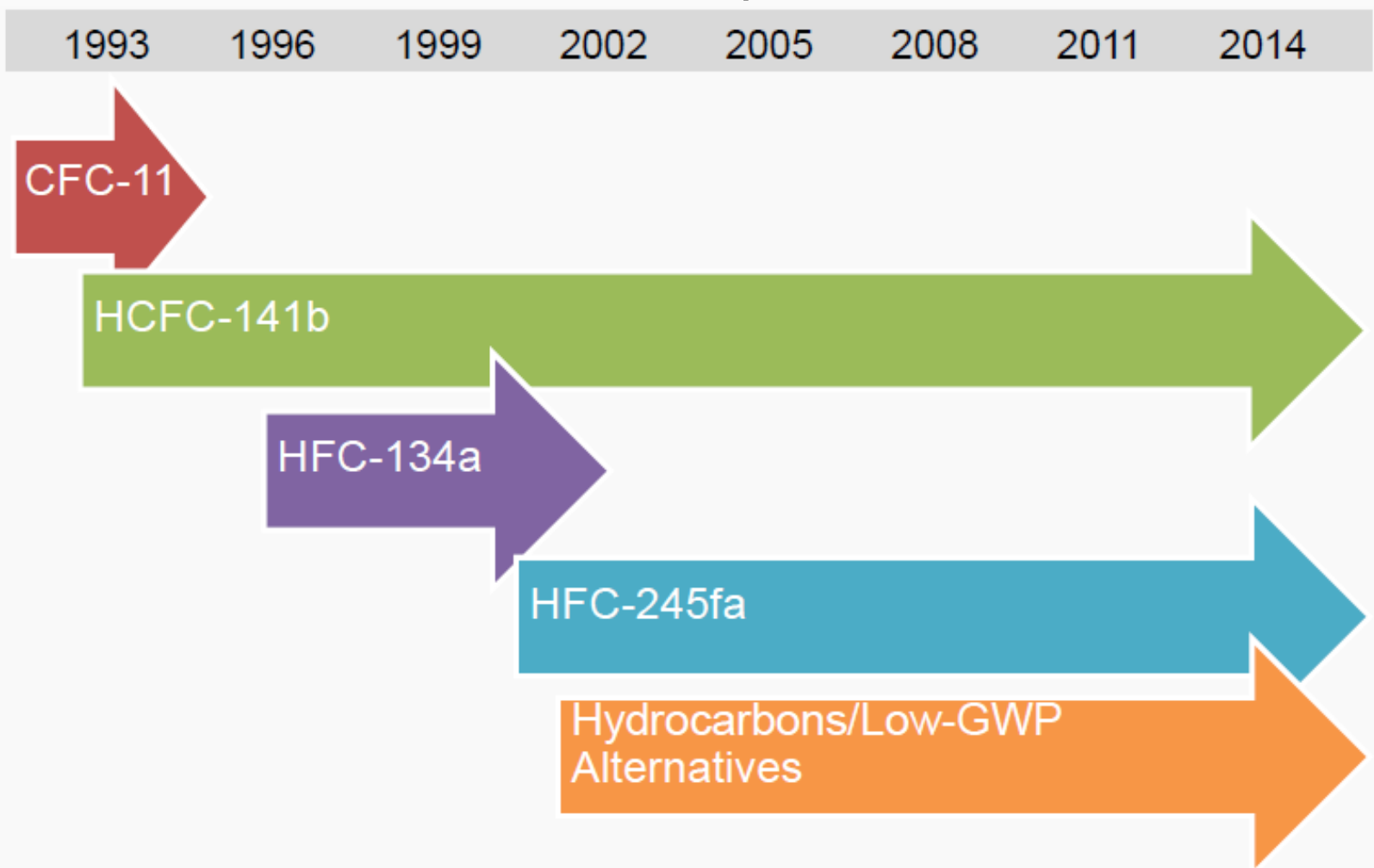
Discussion Topic 2: Partner Challenges – Foam Recovery

- Recovering foam beyond CFCs
 - Increasingly, more HFC units will reach disposal
 - Some partners are recovering HFC foams, but there is potential for much greater climate benefits

Why will we see more HCFC and HFC foams in disposed refrigerators?

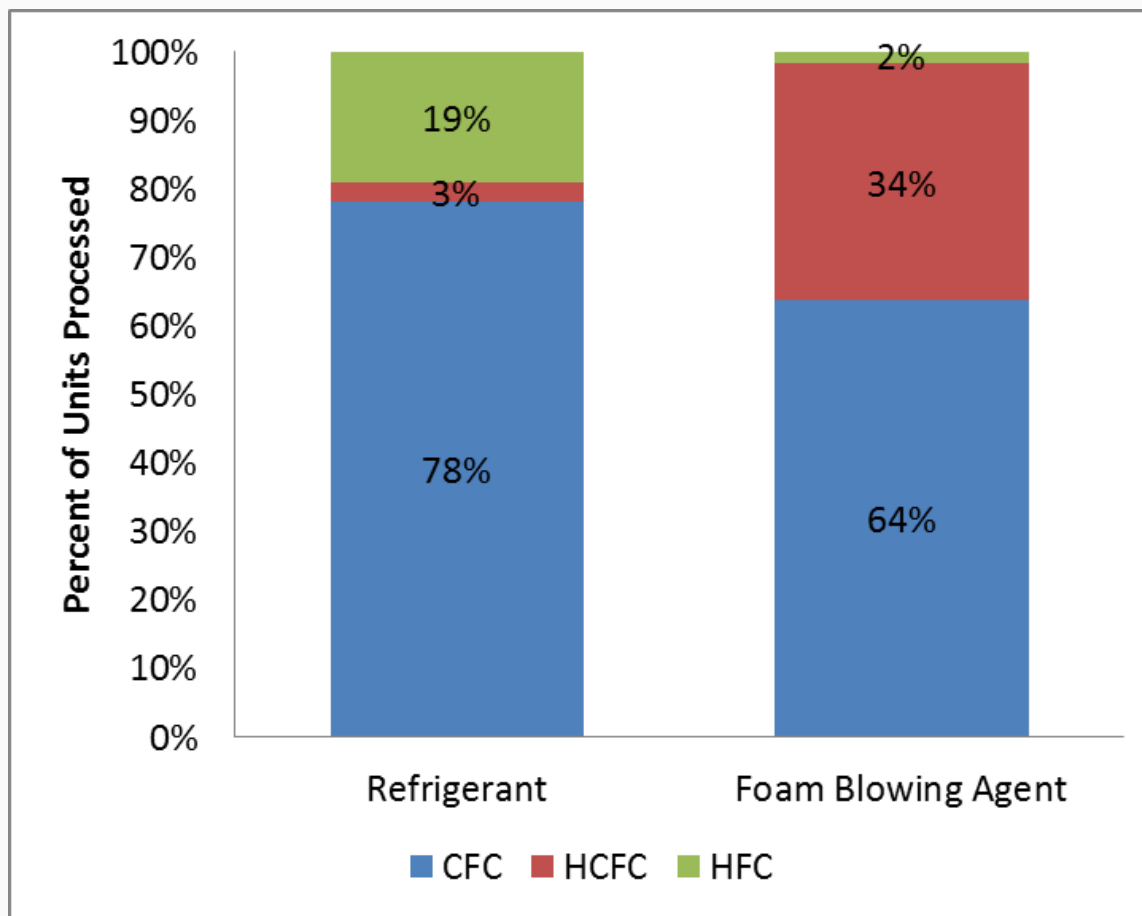


Blowing agents used in refrigerators manufactured in or imported to the U.S.





Refrigerants and Foam Blowing Agents Recovered by RAD Partners in 2012



Other Partner Challenges



- How do you estimate the age of equipment?
- How do you determine which units contain CFC vs. HCFC foam?
- How will partners distinguish HFCs in future?
- Other?

Thank you for participating!



Please fill out a Feedback form

New RAD Contact Information:

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