

Energy & Store
Development Conference
E+SD 2016

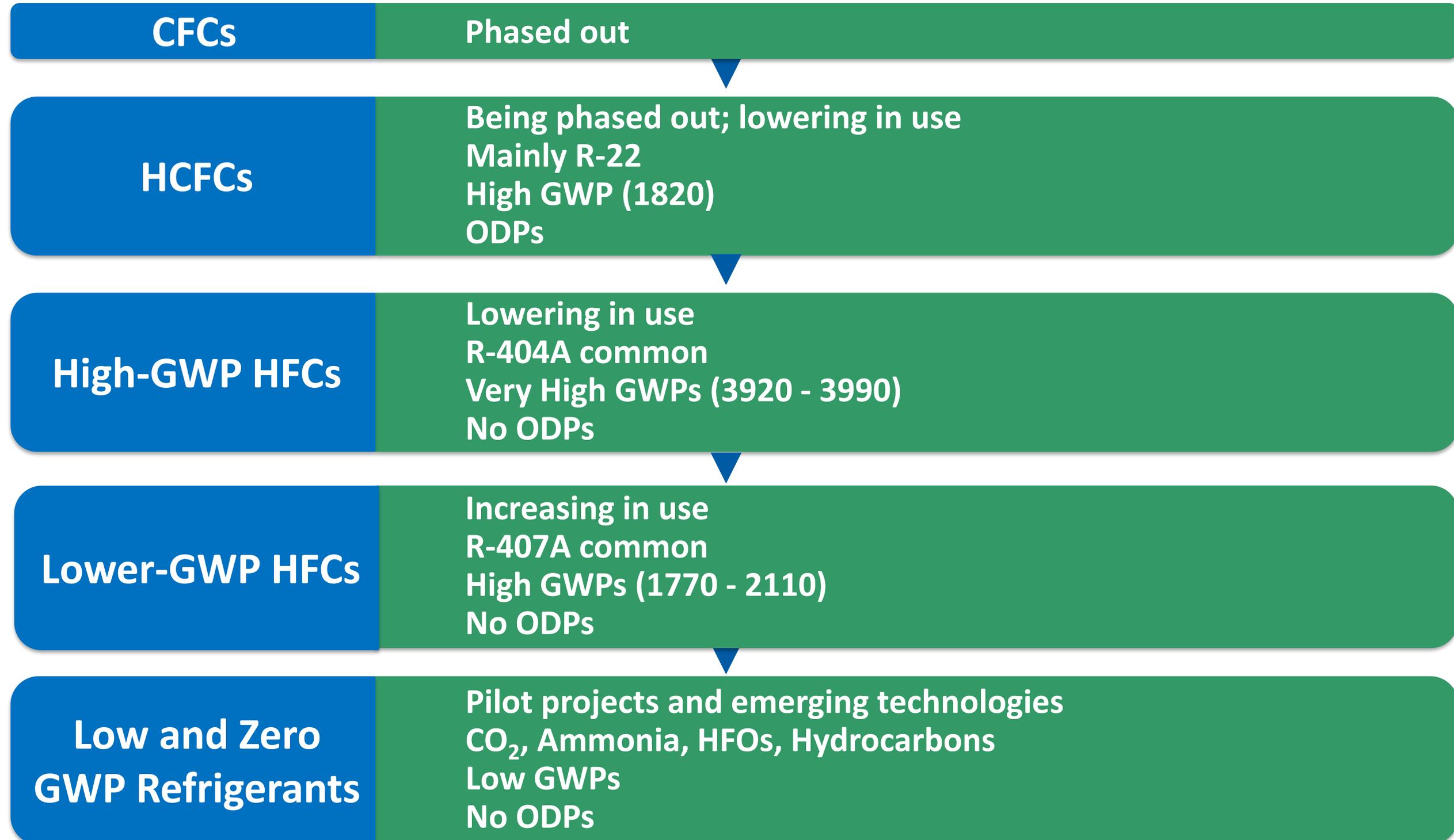
GreenChill Annual Achievement Awards



Tom Land, U.S. EPA

GreenChill Program Update

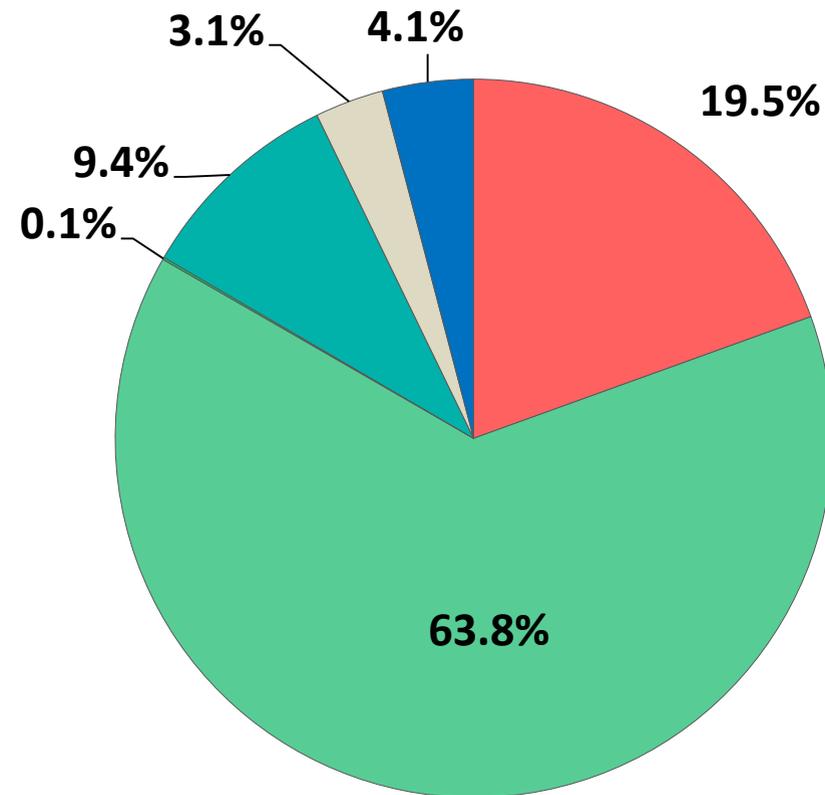
A Changing Industry



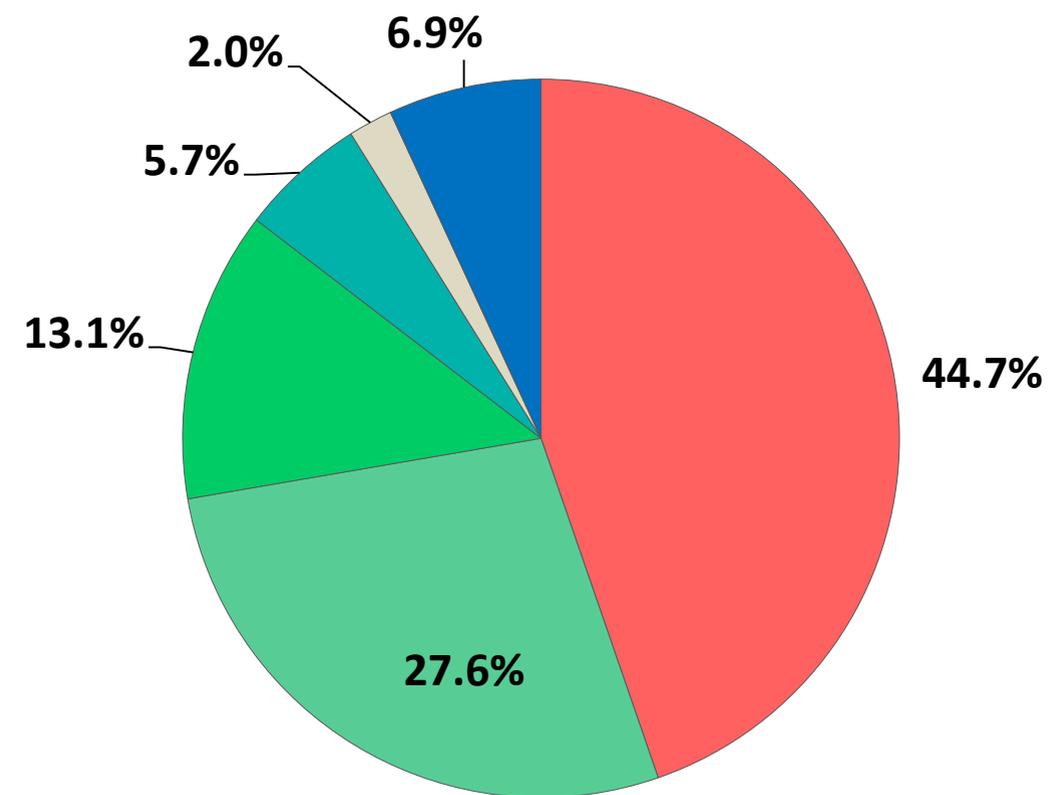
GreenChill Partnership Installed Refrigerants

Commercial Systems

2007



2015



R-404A

R-22 (ODS)

R-407A

R-507A

R-402A

Other

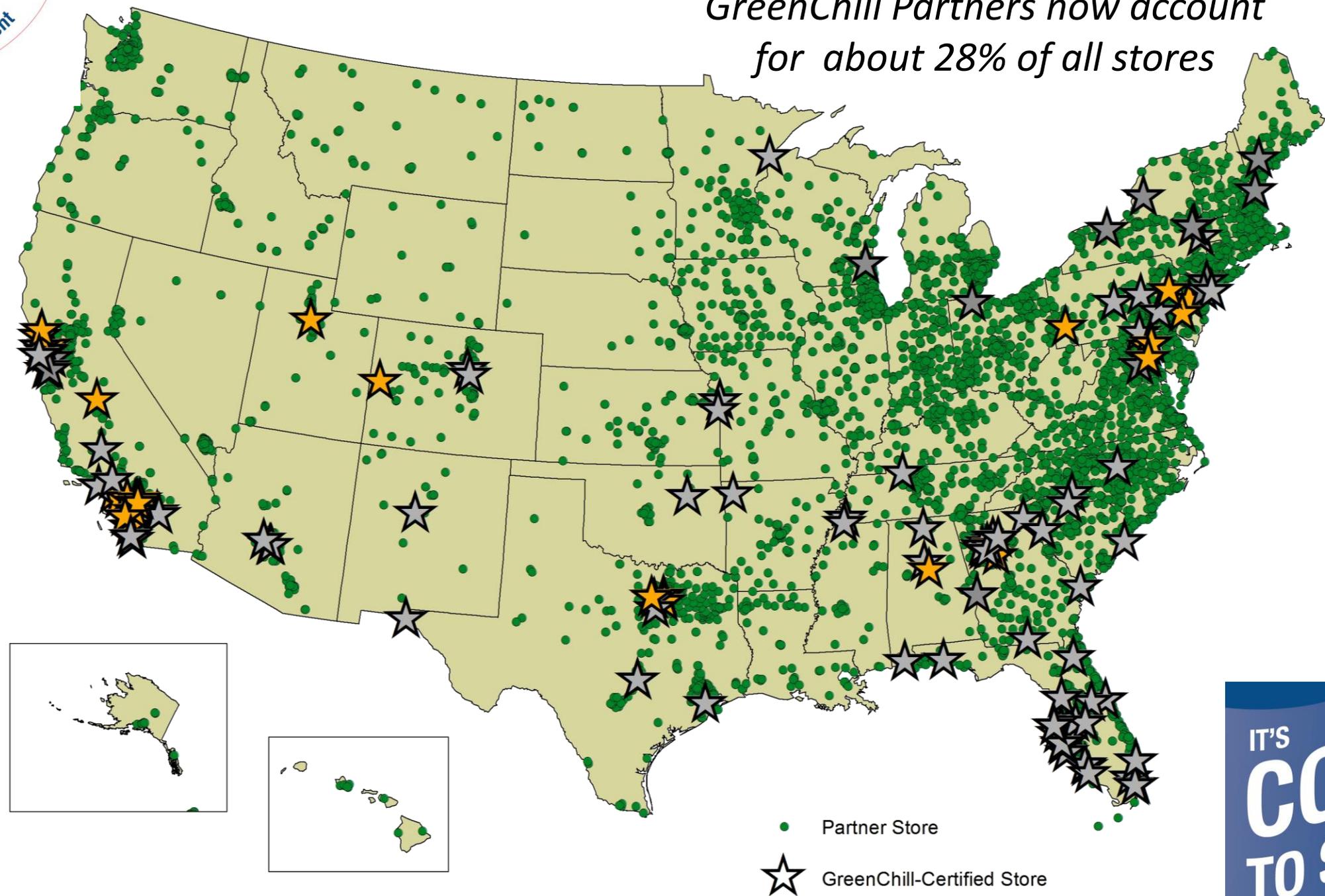
GreenChill Effect

- Of the 24 GreenChill partners with multiple years of data reported...
 - 18 have reduced or maintained their emissions rate since joining the partnership
 - 15 have reduced their emissions rate **by at least 10%**
 - 10 have reduced their emissions rate **by at least 20%**
 - 6 have reduced their emissions rate **by at least 30%**
 - 2 have reduced their emissions rate **by at least 40%**
- And in 2015, there are 10 partners with emission rates below 10%



GreenChill Partnership

GreenChill Partners now account for about 28% of all stores



IT'S COOL TO SHOP HERE



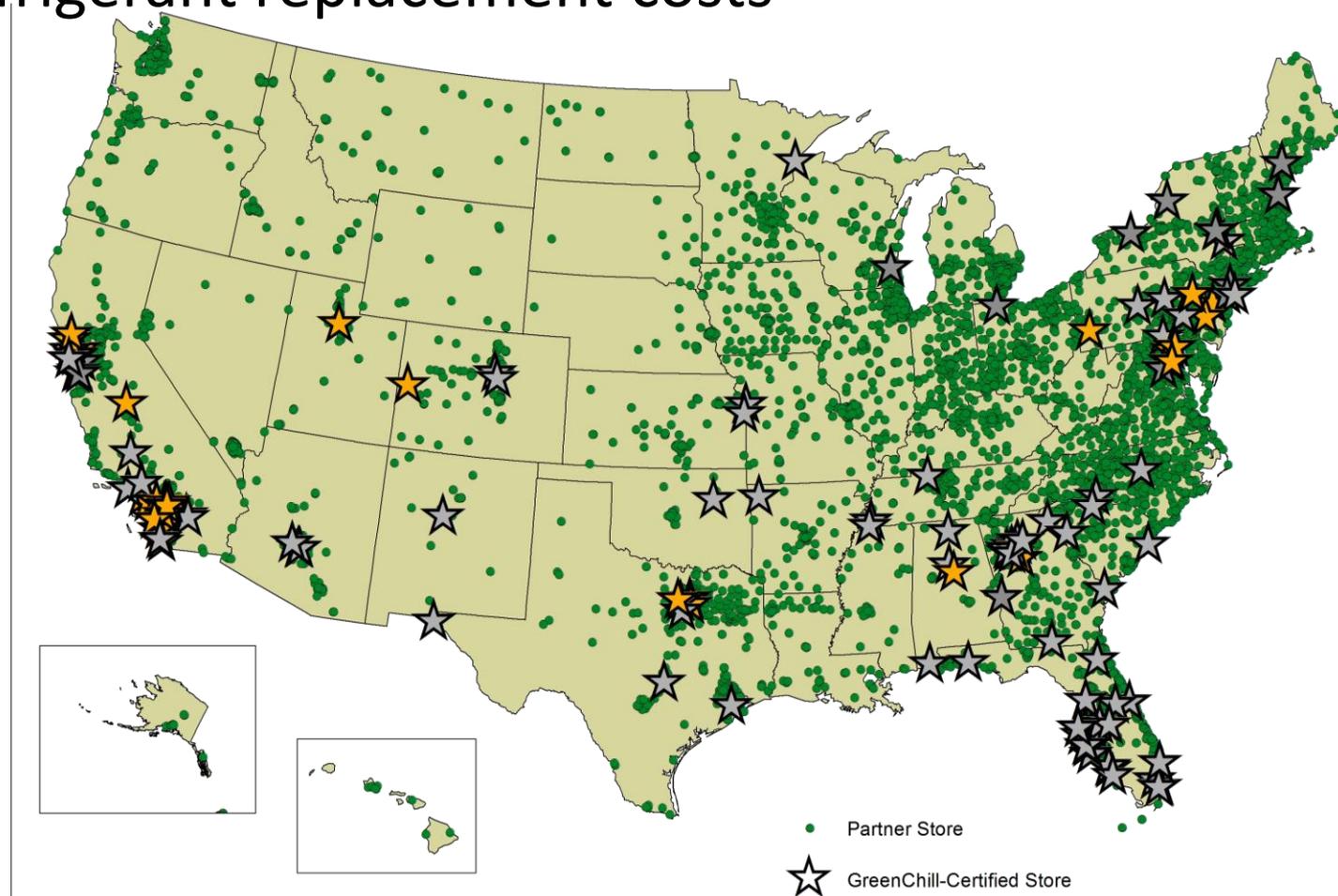
Our refrigerators help the environment

Industry Potential

If every U.S. supermarket met GreenChill Partners' average emission rate, the supermarket industry would:

- Reduce annual refrigerant emissions by 28 million metric tons carbon dioxide equivalent and 168 ozone depletion potential tons
- Save \$168 million in annual refrigerant replacement costs

- ★ Platinum-Level Certification
- ★ Gold-Level Certification
- ★ Silver-Level Certification
- GreenChill Partner Store

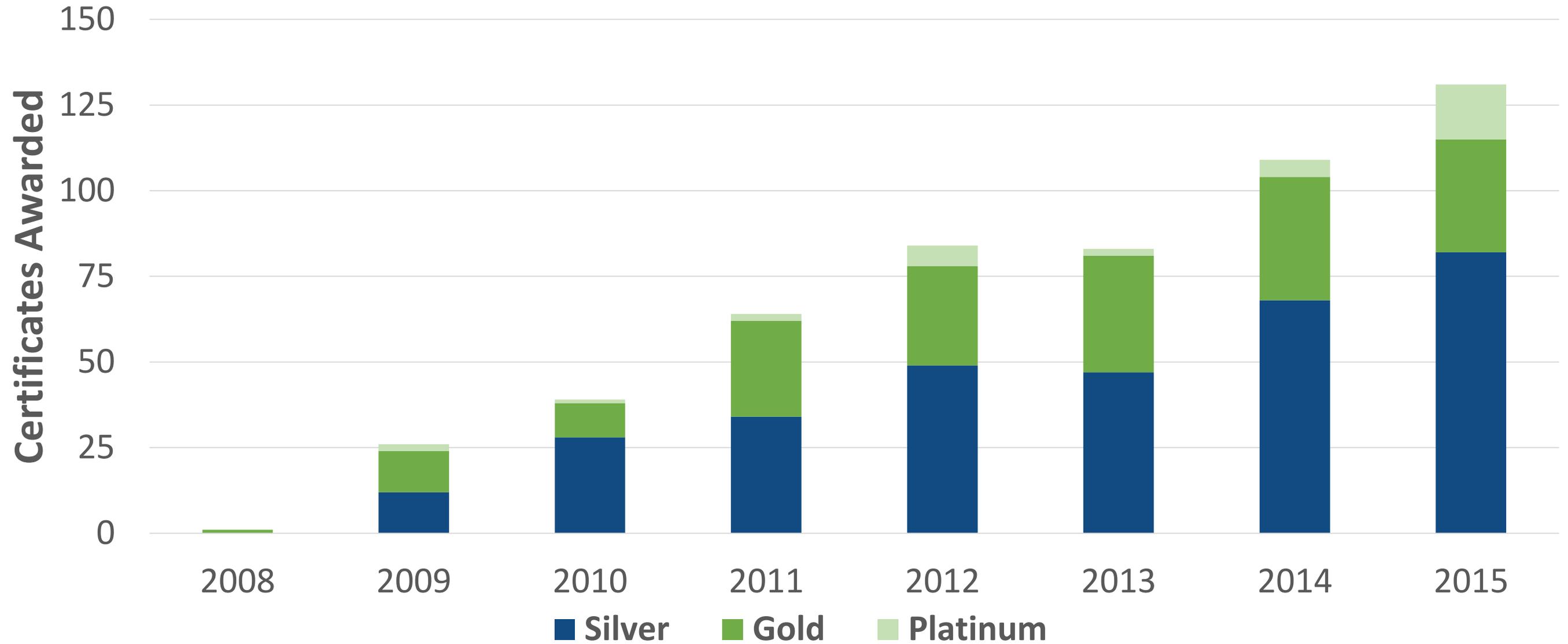


Newest GreenChill Partners

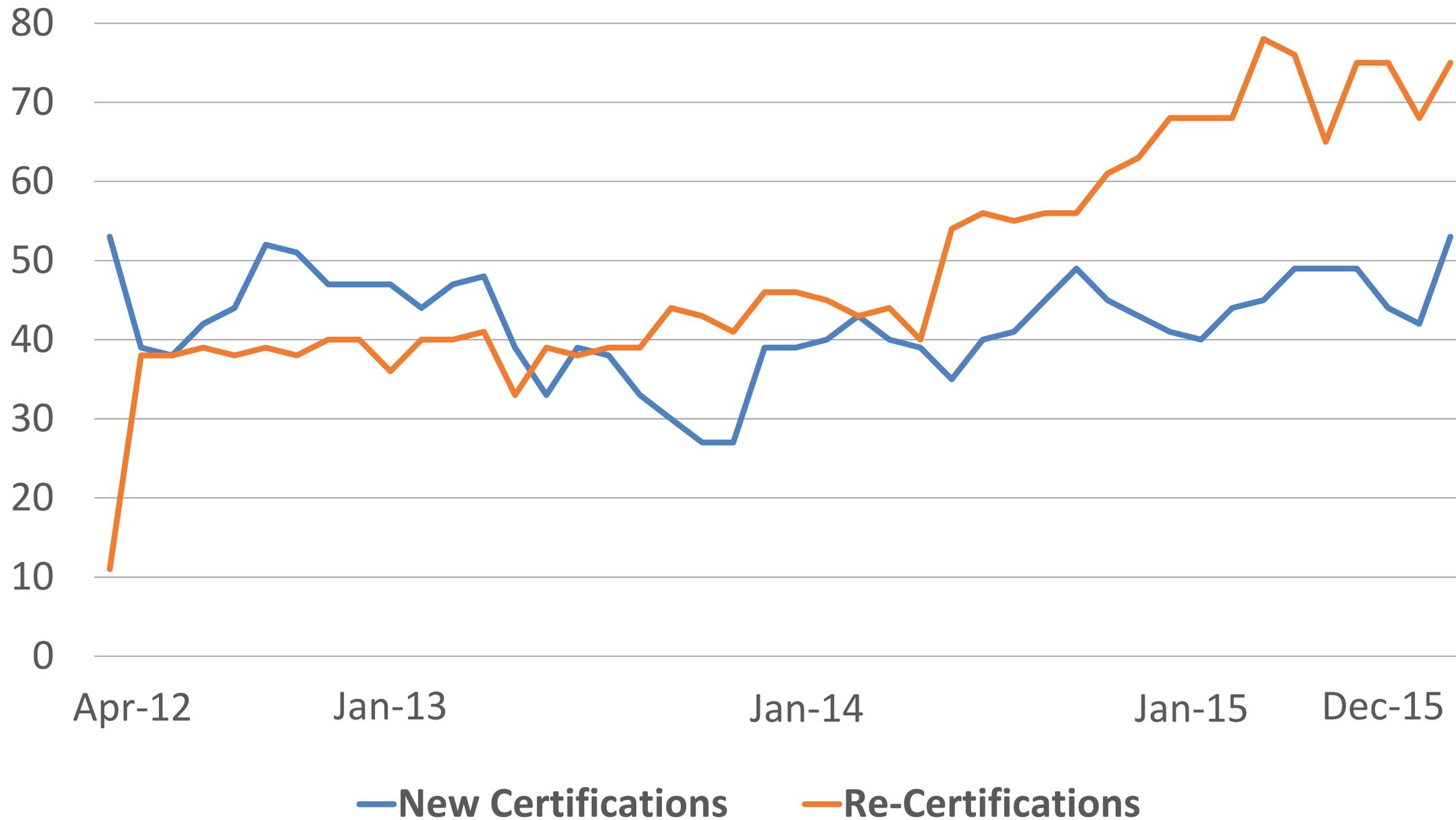


ROUNDY'S®

Store Certification Program Growth



Store Re-Certifications



Platinum Certifications

- Acknowledge the Partner earning the most platinum store certifications during the award cycle
- “Honorable Mentions” for other platinum store certification achievements this past year, and historically

Most Platinum Certifications



A DOVER COMPANY



Achievement Award Winners

Superior Goal Achievement

Partners are eligible for a GreenChill award when they set a corporate-wide goal for refrigerant emissions (for commercial systems) below the rate achieved the year before

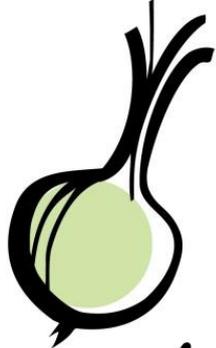
Many GreenChill Partners are demonstrating continuously reduced emissions

Five (5) partners achieved their 2015 emissions rate goals and receive the “Superior Goal Achievement” award

They are....

Superior Goal Achievement

Buehler's
Fresh Foods

City 
Market
Onion River Co-op



Higher Standards
meijer
Lower Prices

weis

Most Improved Emissions Rate

Two “Most Improved Emission Rate” awards:

- 1) Compared to last year’s emissions rate
- 2) Compared to company’s baseline emission rate when they joined the GreenChill Partnership

Achieved notable reductions in refrigerant emissions

Most Improved Emissions Rate



Year-to-Year



Over Baseline Year

Best Emissions Rate

Two “Best Emission Rate” awards for the lowest refrigerant emissions among all sources for:

- 1) Retail chain partners
- 2) Small/Independent partners

Achieved incredibly low corporate emission rates

Best Emissions Rate



Retail Chain



Small/
Independent

Best of the Best

Best Certified Store

- Best GreenChill Certified Store
- Notable demonstration of innovative advanced refrigeration technology
- This year we honor two stores...

Best of the Best



Columbus, GA



Dublin, CA

Store Certification Excellence

Most GreenChill-Certified Stores

Two “Store Certification Excellence” awards:

- 1) Supermarket company with the most GreenChill store certifications in the past year
- 2) Systems manufacturer with the most GreenChill store certifications in the past year

Store Certification Excellence



Hillphoenix[®]

A **DOVER**[™] COMPANY

Store Re-Certification Excellence

Consecutive Re-Certifications

- The “Store Re-Certification Excellence” award goes to stores achieving GreenChill certification in five consecutive years
- Five stores are winners

Store Re-Certification Excellence



Chino, CA
Grand Terrace, CA
Lake Elsinore, CA
Palm Desert, CA



Bellefonte, PA

Distinguished Partner

- Extraordinary leadership and initiative to further the GreenChill mission in the past year
- One supermarket partner

Distinguished Partner



TARGET

Universal GreenChill Appreciation

- Great partners and supporters!!!
- All are playing a role through data reporting, store certifications, refrigerant management plans, webinar presentations, and input on GreenChill programs and resources.
- Providing wonderful industry insights and showing dedication.

Thank you!



Thank You

- Maureen Beatty, National Refrigerants
- Ted Gartland, E. Gartland & Associates
- Laurie Gethin, FMI
- Shawn Roche, United Refrigeration



For more information on today's awards and winners visit: www.epa.gov/greenchill