Carrier is a leader in sustainability

2020 SUSTAINABILITY GOALS

To be completed by the end of 2020, based on 2015 as baseline year.



REDUCE GHG EMISSIONS BY 15%

Progress: 15% Reduction (Goal Met)



REDUCE WATER CONSUMPTION BY 25%

Progress: 34% Reduction (Goal Exceeded)



IMPLEMENT 100% WATER BEST MANAGEMENT PRACTICES

Progress: 83% Implementation (In Progress)



REDUCE HAZARDOUS WASTE GENERATION BY 10%

Progress: 21% Reduction (Goal Exceeded)



INCREASE WASTE RECYCLING RATE TO 90%

Progress: 94% Increase (Goal Exceeded)



ELIMINATE USE OF CHLORINATED & BROMINATED SOLVENTS

Progress: 88% Elimination (in Progress)



REDUCE ERGONOMIC RISK BY 50%

Progress: 62% Reduction (Goal Exceeded)



REDUCE WORKERS' EXPOSURE TO HAZARDOUS SUBSTANCES

Progress: 90% Reduction (In Progress)

- Healthy, safe, and sustainable building and cold chain solutions
- ✓ Led the transition from R22 to Puron
- √ First company to sign 2023 pledge
- ✓ We want to lead the way in meeting environment goals



Development of Low GWP refrigerant

years of refrigerant and safety research & development invested residential and commercial systems to develop 2020 challenges due to pandemic



Product cannot be sold without codes



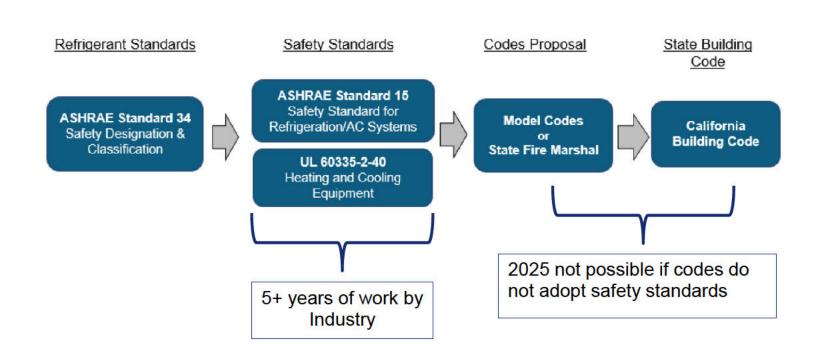
Triennial Code cycle

- Effective 01/2023
- No longer possible

Intervening Code cycle



- Effective 07/2024
- January 1, 2025 product introduction





We need CARBs help to get codes adopted



Reclaim compliance in ISOR not achievable

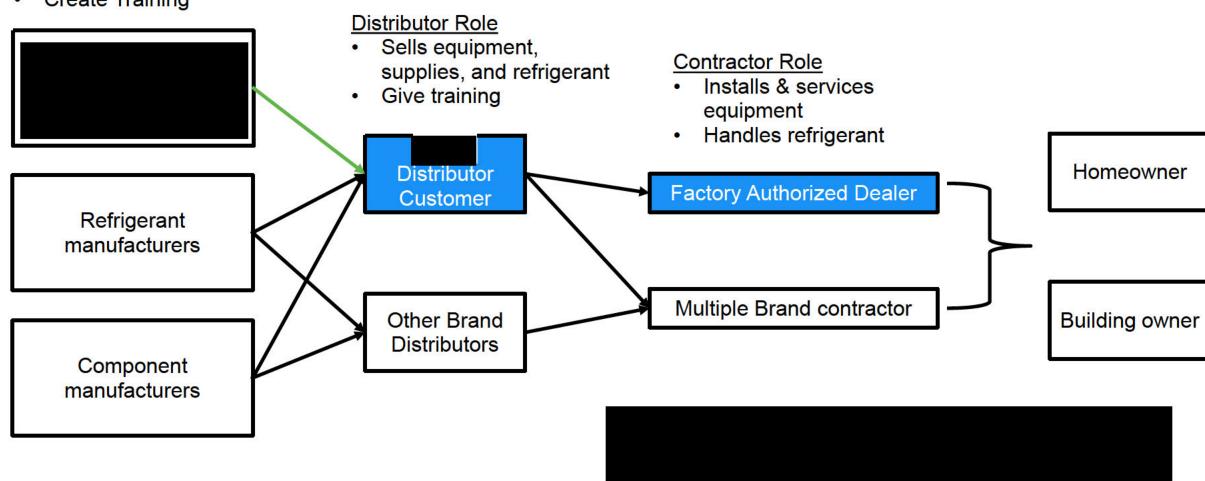
- X There is not enough reclaim in California to supply new product according to AHRI industry data
 - ~1600 metric tons available while needing ~4000 for new equipment
- X At current reclaim rates there is not enough reclaim nationally to supply new product in California according to AHRI industry data
 - ~1200 metric tons reclaim in 2019 according to EPA report
- X Limited reclaim supply will increase HVAC cost significantly
- X OEMs are unable to solve reclaim availability



HVAC Channel Model

Manufacturer's Role

- Mfg & sell equipment
- Create Training





Carrier will continue to move forward

- ✓ We will continue to push for codes to be adopted
- √Will continue to promote the benefits of and progress the technology
- √ Will encourage reclaim of HFC refrigerants
 - Create incentives for contractors
 - Create training and promotion materials for all stakeholders

