

Reclaimed HFC Super Pollutants, USA

Key facts:

- Sustainable infrastructure | Industry project
- Reduces emissions from extremely potent greenhouse gases
- Supports 3 of the 17 UN SDGs
- Verified under ACR



Challenge

It is estimated that only 2% of HFCs used in the US come from reclaimed sources, showing the significant opportunity for climate action in this industry. These hydrofluorocarbons (HFCs) are considered a super pollutant as they can have over 1,000x times greater global warming potential (GWP) than carbon dioxide.

Solution

The innovative projects displace new HFC production by re-using previously used HFC that has been recovered from equipment and reclaimed to like-new purity. The projects then use certified reclaimed HFCs in the manufacturing or servicing of refrigeration, air conditioning, or fire suppressant equipment.

Impact

These projects are an important tool to reduce super-polluting greenhouse gas emissions from the refrigeration, air conditioning, and fire suppressant industrial sectors. By leveraging carbon markets to incentivize the reclamation and reuse of HFCs, we can phase down the amount of super pollutants in our atmosphere.

