

**Walmart** 





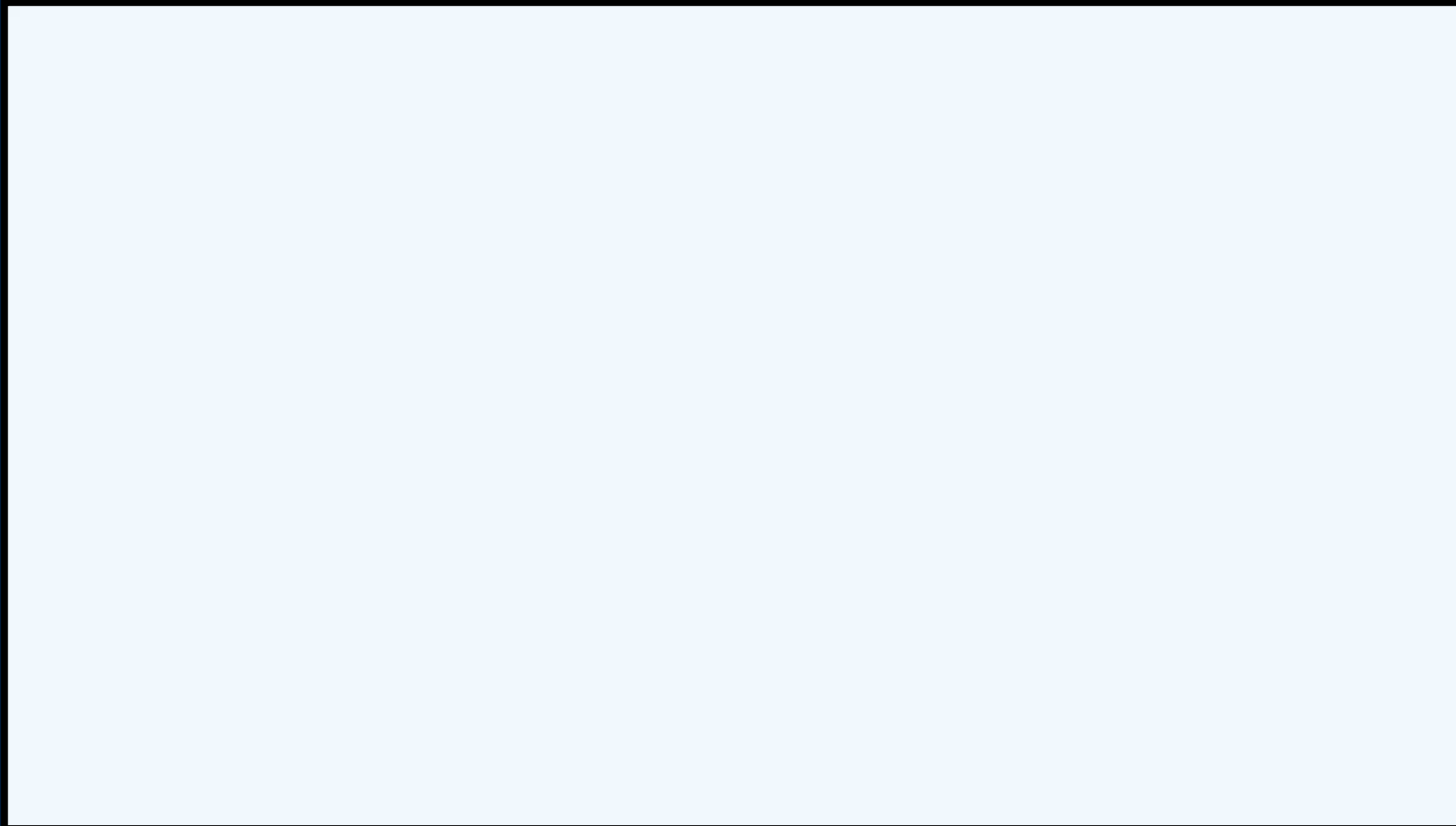


# How our customers shop is transforming

## We are transforming to serve them



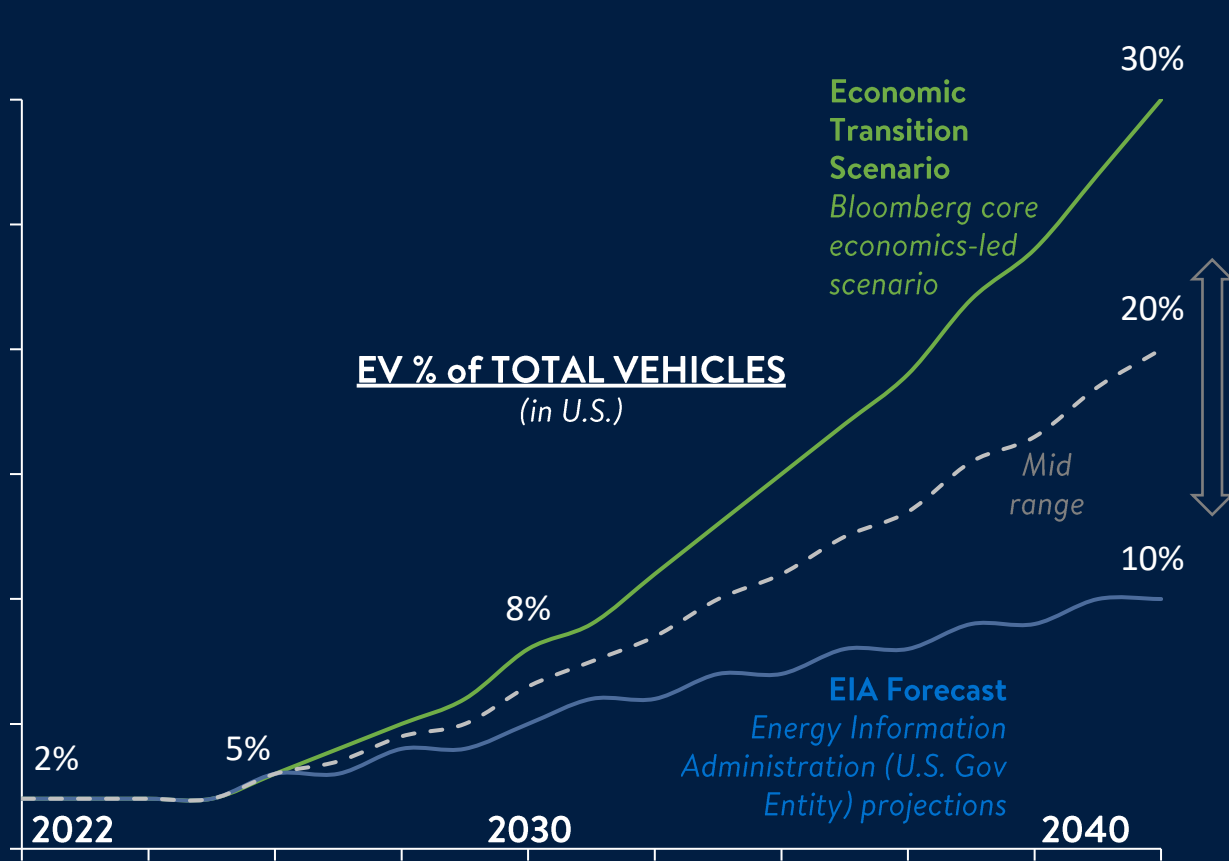
We intend to build a **reliable, accessible, & affordable** EV fast charging network



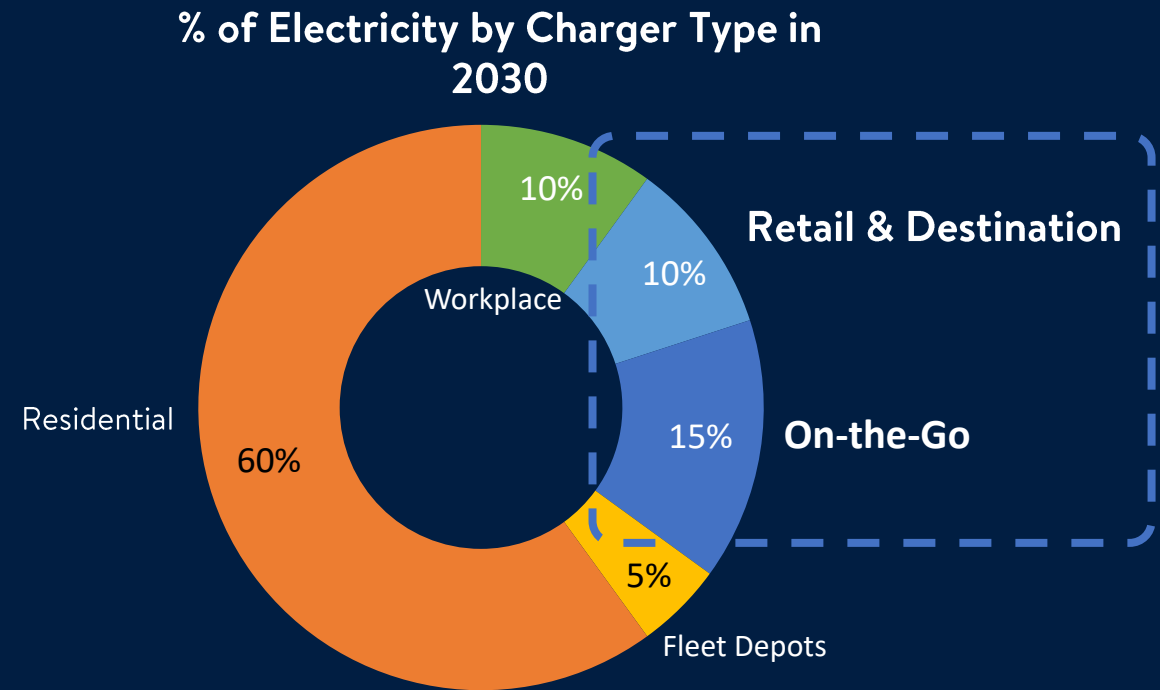
# Why are we committing now?

The U.S. EV market has reached a consumer adoption tipping point at 5% of new car sales in 2022

## EV Market Growth



## Retail Charging Segment



# By the Numbers

## Location Traffic Site Control Space



90% of  
Americans  
within 10  
miles



1,800 sites  
within 2  
miles of a  
highway



Daily  
Customer  
Traffic



4,200  
owned  
sites



Over 1  
billion sq ft  
of parking  
lots

## EV Services Fleet Synergies



2,500 Auto  
Care  
Centers



8,000  
Light Duty  
Fleet  
Vehicles



GoLocal  
Spark  
Drivers

# Walmart has **3X** more DCFC on property than any other retailer

**1,281  
Ultra Fast  
DC Chargers**

**at 281  
Walmart,  
Sam's Clubs  
and NHMs**

**across 43  
states**





# Walmart Transportation Operates one of the Largest & Safest Private Fleets in the US



Over 1,000 Yard Tractors



Over 8,000 Corporate Vehicles



Over 10,000 Refrigerated Trailers



Over 10,000 OTR Tractors



# Over the Road Proof of Technology Projects

## Problem Statement:

OTR tractors are the largest contributor to Walmart transportation emissions due to fossil fuel powered vehicles.

## Strategy:

Conduct POTs across fuel types to unlock learnings, determine OEM selection, define future fleet mix, and refine conversion strategy

## Expectation:

Walmart expects a mix of **EV (200 mi. Range)**, **hydrogen fuel cell (400 mi. Range)**, and **CNG (700 mi. Range)** to make up our future fleet.

## Current Initiatives:

Deploy zero emissions over the road tractors in California in 2023 across EV, Hydrogen, and CNG with plans to significantly expand in coming years.



# EV Yard Truck Expansion

## Problem Statement:

Yard tractors are primarily run on diesel fuel today contributing to Walmart's overall emissions

## Strategy:

Walmart is accelerating EV Yard Truck expansion in certain areas such as Southern California due to regulations and incentives. Continue to test and deploy EV & Hydrogen vehicles within the fleet.

## Expectation:

California sites and many others in the network will be converted to EV in the future. Hydrogen may be used at certain facilities due to overlap with already built out hydrogen fuel infrastructure at a portion of our distribution centers.

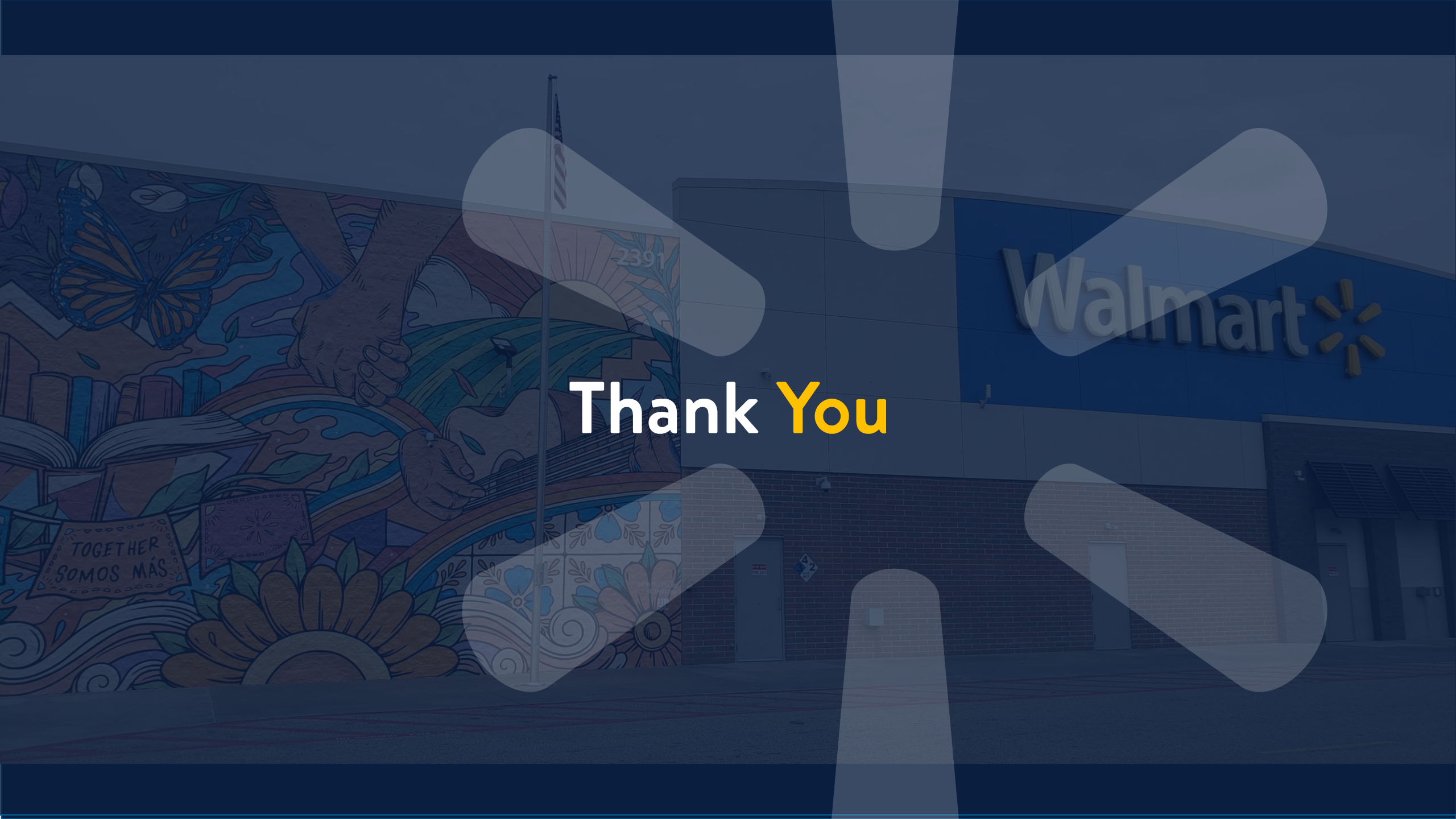
## Current Initiatives:

Deploying EV yard trucks across sites in CA from 2023-2026

Testing of hydrogen fuel cell yard tractors planned for 2023







Thank You