

Power Source



+ Produce + Liquefy Hydrogen



+ Transport Hydrogen



+ Store + Handle Hydrogen

# GREEN HYDROGEN ECOSYSTEM

Plug into the only end-to-end global provider



+ Dispense Hydrogen



+ Use Hydrogen



## PRODUCE + LIQUEFY HYDROGEN

Plug, the leader in building an end-to-end green hydrogen ecosystem that addresses every step of operations, is proud to offer its customers affordable green hydrogen, which is quickly becoming the molecule of choice for customers both large and small.

Led by a team with nearly five decades of experience, Plug's PEM electrolyzer solutions produce carbon-free green hydrogen using renewable electricity and water.

Our hydrogen liquefaction plants can complete liquefaction with one of the lowest rates of energy consumption available anywhere in the world.



### BENEFITS

High-current density enables a small footprint

Modular and scalable design creates turnkey solutions from MWs to GWs

Fast start-time provides high availability

Instantaneous load-following for perfect pairing with intermittent renewables

Industry-leading ultra-low energy consumption for liquefaction



## Flexible Applications

This year, Plug will install electrolyzer solutions for renewable energy storage (P2P), public and private hydrogen refueling stations (P2M), green ammonia and methanol (P2X), and natural gas pipeline blending (P2G).

## High-Volume Production

Plug will produce 70 tons per day by the end of 2022, and 500 tons per day by 2025 — 100% coming from Plug electrolyzers.

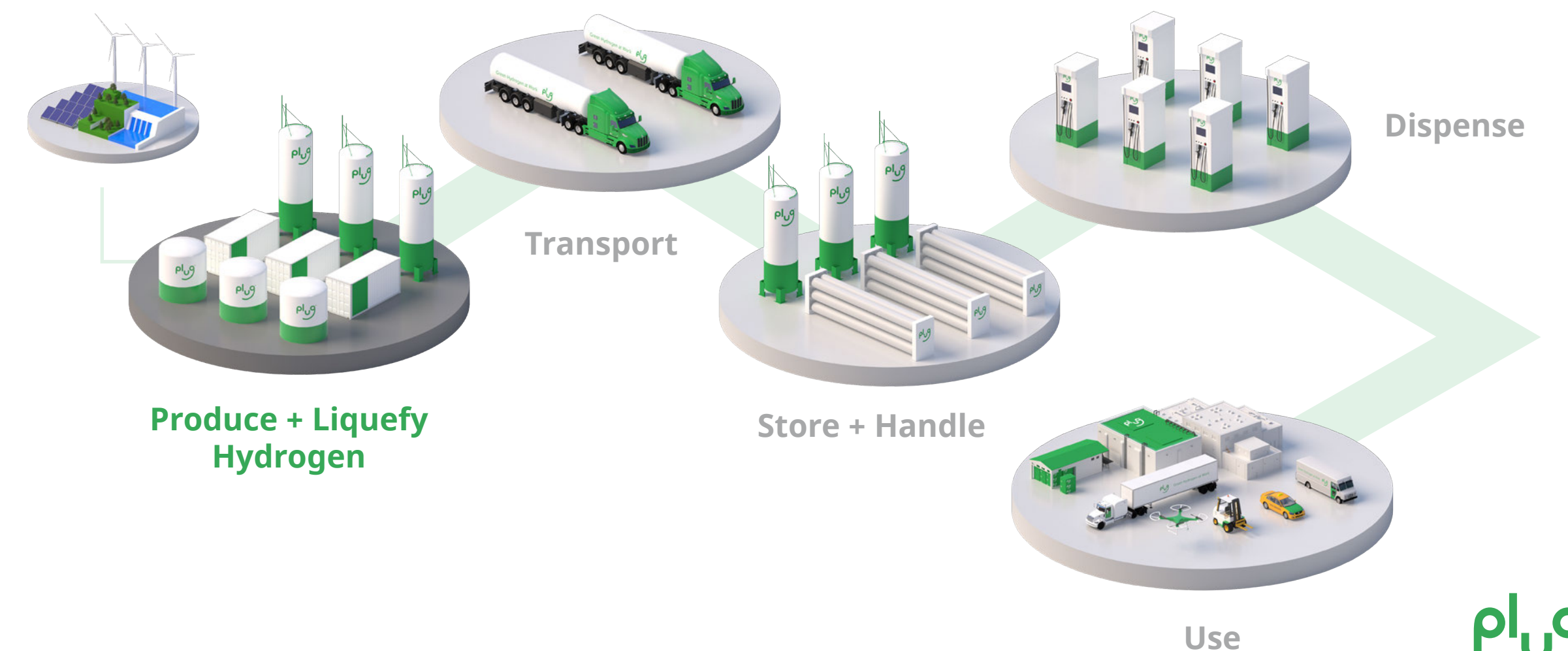
## Largest Manufacturing Capacity in the World

By the end of 2022, Plug will have the world's largest electrolyzer manufacturing capacity when its gigafactory opens in New York.

Two other gigafactories — in Australia and South Korea — will follow.

# GREEN HYDROGEN

is changing the world  
by replacing fossil fuel



## TRANSPORT HYDROGEN

With our fleet of cryogenic trucks, Plug offers trailer solutions to transport green hydrogen from production plants to users around the world daily. Plug's innovative designs of cryogenic trailers and mobile storage equipment allow for a range of industrial, commercial, medical and chemical applications that use hydrogen.

### BENEFITS

Safe and secure transportation

Efficient deliveries

Customized approach

Best-in-class support



## Ultra-Low Energy Consumption

Plug liquifies hydrogen for transportation at atmospheric pressure and temps below -400°F with an ultra-low energy consumption twin-expander refrigeration process that simplifies and streamlines operation and maintenance.

## Comprehensive Services

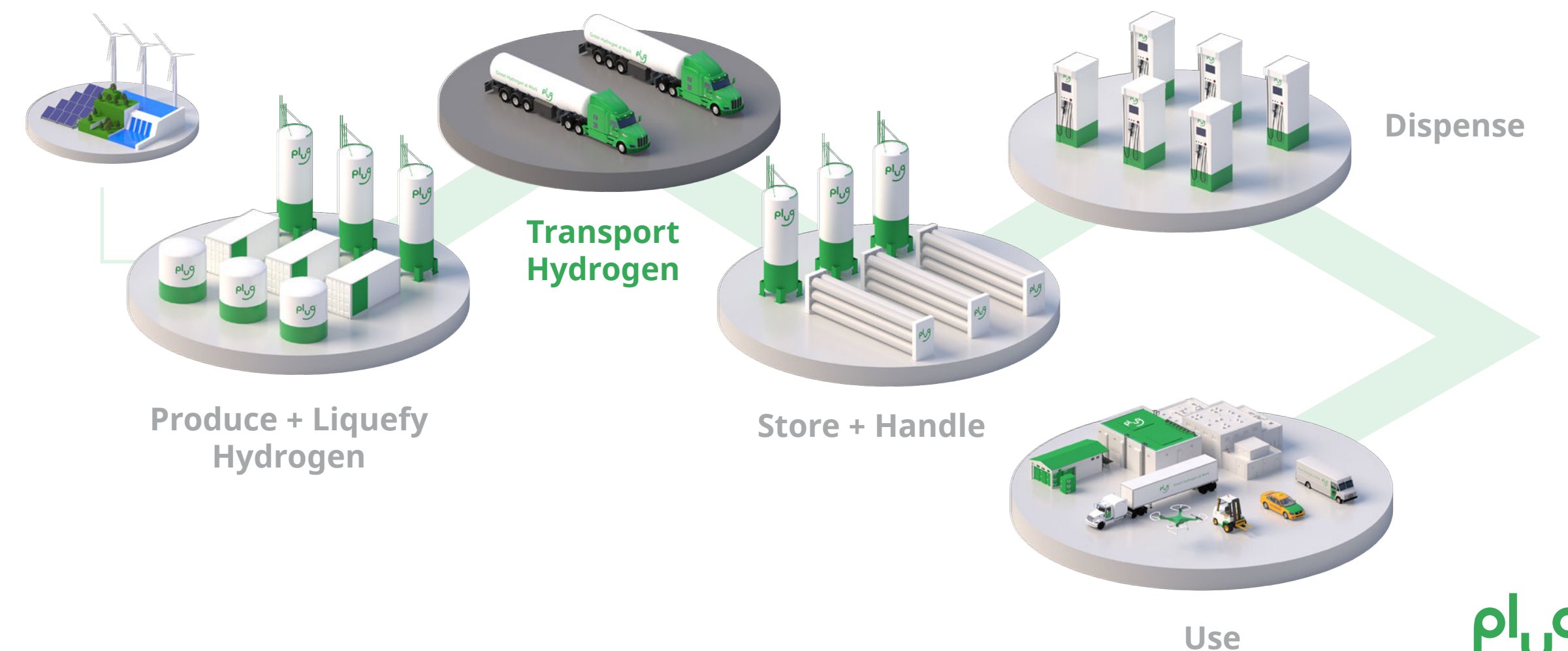
Plug is a customer-first company where we offer best-in-class value and custom designs that are centered on each customer's specific needs. We also offer best-in-class customer support every step of the way.

## Lowering Operating Costs

The delivery of hydrogen at extremely low temperatures results in changes to logistics and operations. The end result is cost savings for our customers.

# DELIVERING

increased EFFICIENCY +  
increased PROFITS



## STORE + HANDLE HYDROGEN

Plug offers fully integrated turnkey handling systems with capacities ranging from 60 kg to 8,000 kg per day as liquid or gas.

### BENEFITS

Superior safety and service

Top project management operations

Customized options

Industry-leading solutions



## Comprehensive Solutions

Plug storage and handling solutions include the design, procurement, commissioning and maintenance of hydrogen storage, compression and flow systems.

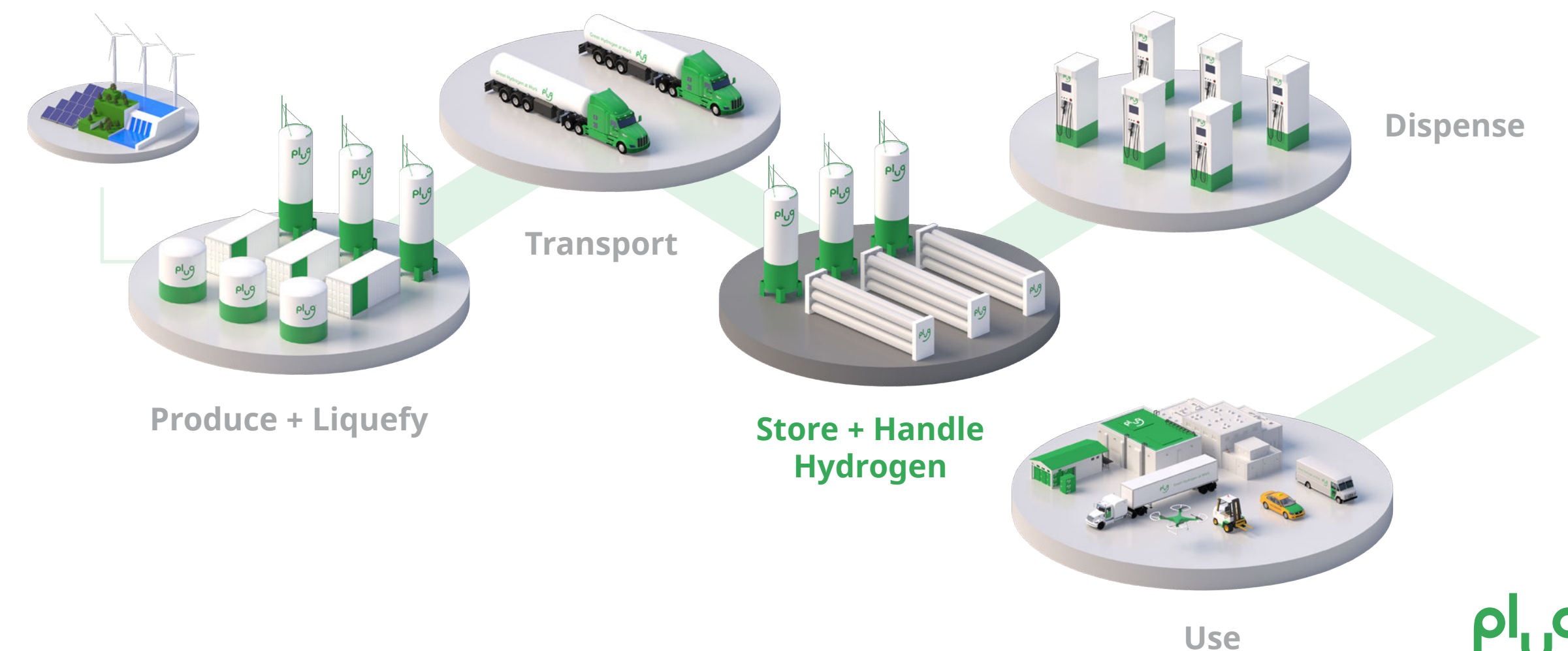
## Flexible Options

Plug's storage and handling solutions cater to a variety of customer needs, including those who need liquid and gaseous storage.

## Countless Applications

Whether you need green hydrogen storage solutions for material handling or mobility, Plug's products cater to a range of applications.

# VERSATILE energy carrier



# DISPENSE HYDROGEN

With its proprietary hydrogen dispensers, Plug ensures a perfect integration of the fueling system with its fuel cell products, including fast-fill and industrial IoT reporting to help users keep track of their latest performance. With more than 165 Plug refueling stations in the U.S., customers will never have to worry about running out of green hydrogen.

## BENEFITS

- Industry leader
- Diverse solutions
- Nationwide presence
- Safety-first mission





## Industry Leader

With our industry-leading experience, Plug has built dispenser stations available at a variety of output pressures.

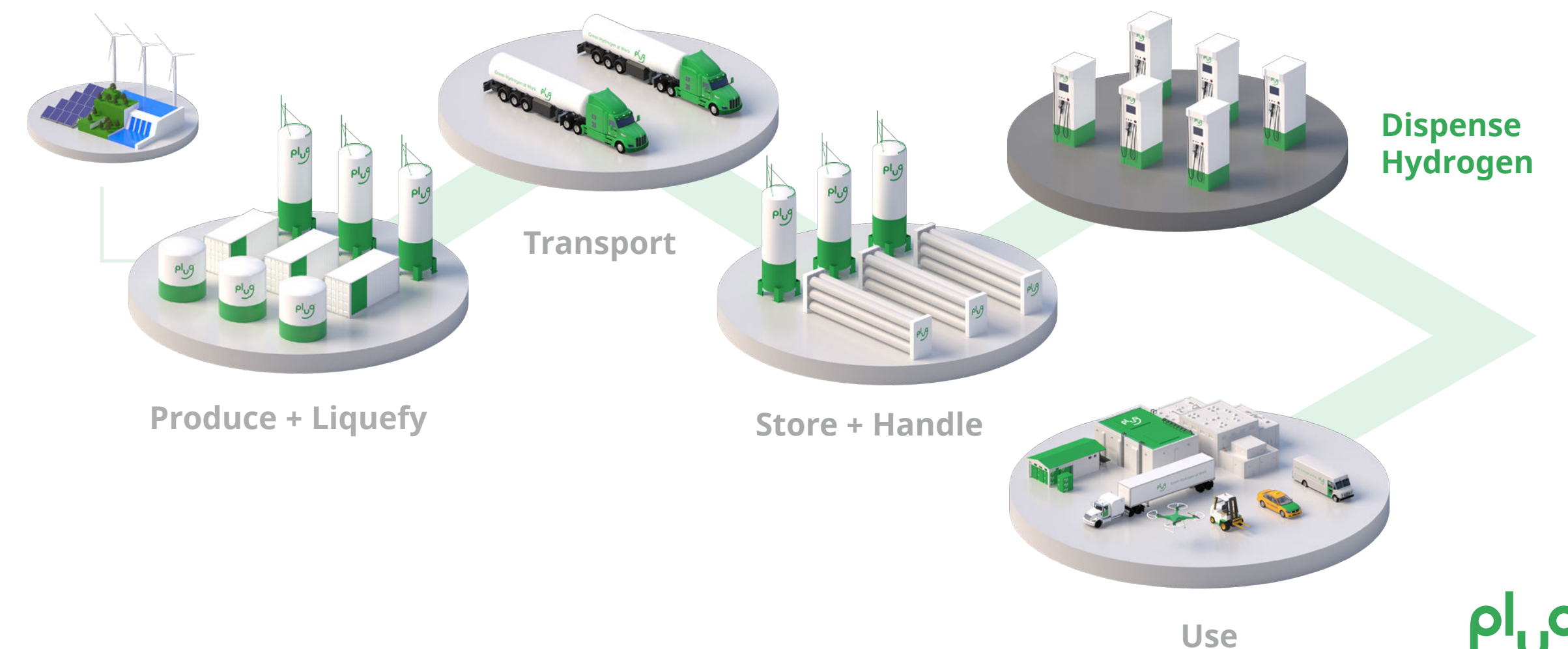
## Best-in-Class Solutions

Plug has developed best-in-class solutions that cater to many markets, including mobility and material handling operations.

## Top Safety Standards

With our customer-first approach in mind, Plug has developed top safety and remote monitoring capabilities to ensure every operator is safe.

# 165+ REFUELING STATIONS and growing



# USE HYDROGEN

By combining hydrogen with Plug Power fuel cells, we can power a spectrum of applications including material handling, Class 6 to Class 8 trucks, EV charging, aerospace, and back-up power for critical infrastructure.

## BENEFITS

- Zero emissions
- Cost-effective reality
- Energy dense
- Exponential global growth
- Independent from grid





## Powering the Food Supply

With customers like Amazon and Walmart leading the way in the transition to fuel cell-based material handling, 30% of all food and groceries shipped in 2020 were moved by Plug fuel cells.



## Decades of Operations

Hydrogen fuel cells have been used safely for more than 60 years as an industrial chemical and as a fuel for space exploration.



## Powering the World

Plug is the global leader in hydrogen applications with more than 50,000 systems in service and 735 million hours of hydrogen system operation.

# 50,000 FUEL CELLS DEPLOYED and growing

