

RETROFIT TECHNOLOGY FOR INDUSTRIAL DIESEL APPLICATIONS

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President & Director
Invested Shareholder

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A SMART SUSTAINABLE COMPANY.

dynaCERT is a Canadian CleanTech company focused on developing, manufacturing and delivering patented hydrogen on-demand upfit/retrofit technologies that improve the efficiency and reduce the emissions of existing diesel engines.



20+
YEARS OF INNOVATION



20+
PATENTS & PATENTS PENDING



GLOBAL INSTALLATIONS
IN MULTIPLE INDUSTRIES



PROJECT-BASED APPROACH
DELIVERING REAL VALUE



GLOBAL PRESENCE

 **HEADQUARTERS**
Toronto, Ontario, Canada

 **EUROPE OPERATIONS**
dynaCERT GmbH
Munich, Germany

 **VIETNAM OPERATIONS**
Various Sales and Installation &
Service Partners in the South and
North

 **SERVICE & PARTNERS WORLDWIDE**
A global network of certified partners and service
providers supporting our customers where they operate.



**ENGINEERED
IN CANADA**



**BUILT FOR GLOBAL
INDUSTRY**



**SUPPORTED BY A GLOBAL
PARTNER NETWORK**

CUSTOMER PAIN POINTS

REAL CHALLENGES. REAL IMPACT.



UPTIME IS CRITICAL

Downtime is expensive. Reliability is non-negotiable.



ESG & REPORTING

Targets, transparency and stakeholder expectations.



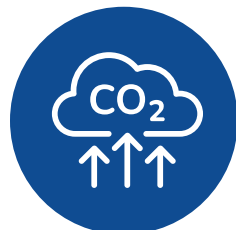
FUEL COST PRESSURE

Fuel is one of the largest operating expenses.



MAINTENANCE & DOWNTIME

High wear, particulate issues and service complexity.



EMISSION PRESSURE

Stricter regulations and local air quality standards.

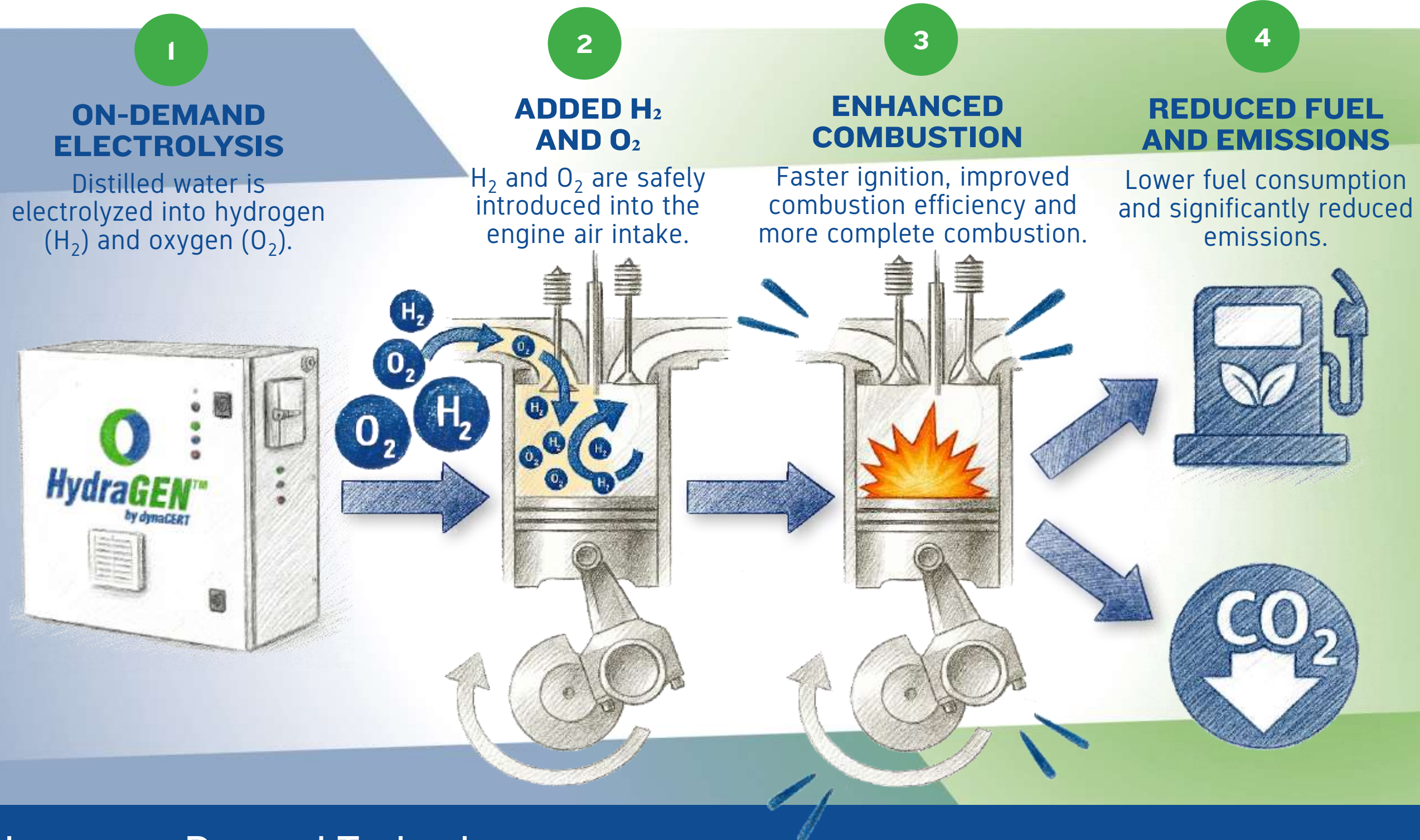


REMOTE & HARSH ENVIRONMENTS

Limited support, long distances, high consequences.

HOW HYDRAGEN™ WORKS

THE HYDROGEN ADVANTAGE



THE SCALABLE UNIT FAMILY

ONE BASE TECHNOLOGY. MULTIPLE SOLUTIONS.



HG2R SERIES
2-8 L
DIESEL ENGINES
ON & OFF HIGHWAY



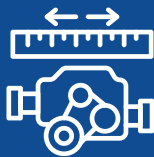
HGIR SERIES
2-25 L
DIESEL ENGINES
ON & OFF HIGHWAY



HG4C SERIES
25-60 L
DIESEL ENGINES
OFF HIGHWAY



HG6C SERIES
60-90 L
DIESEL ENGINES
OFF HIGHWAY



SCALABLE BY DESIGN



RETROFIT READY



BUILT FOR RELIABILITY



ENGINEERED FOR RESULTS

MONITORING WITH HYDRALYTICA™

REAL-TIME VISIBILITY. SMART DECISIONS.



REAL-TIME PERFORMANCE

Track key operational parameters and unit performance.



FLEET VISIBILITY

View all units, locations and statuses in real time.



ALERTS & DIAGNOSTICS

Immediate notifications for issues and maintenance needs



REPORTING & ANALYTICS

Fuel, emissions and operational reports at your fingertips.



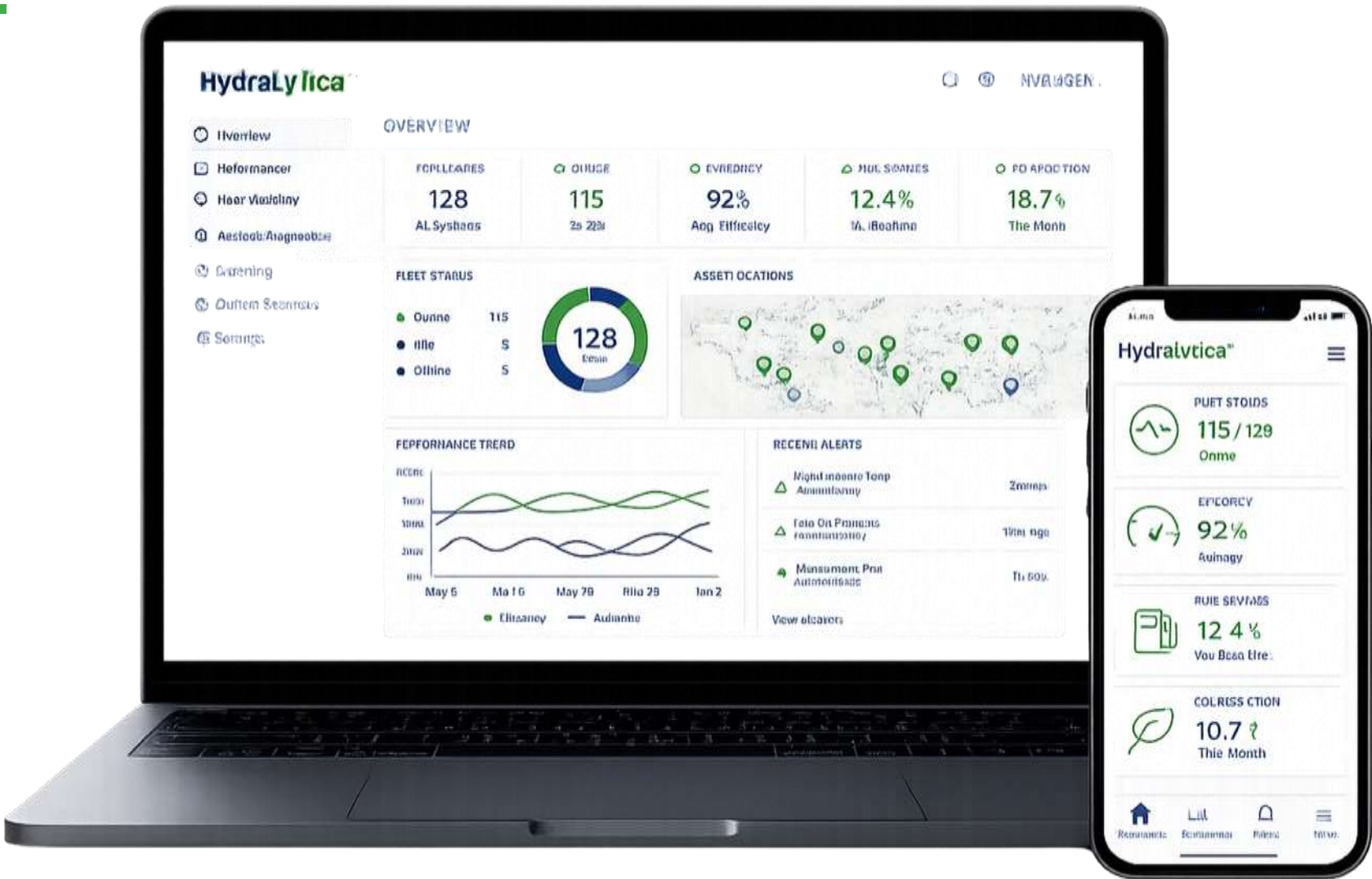
CARBON READINESS

Data for carbon credit methodologies and reporting.



SECURE & SCALABLE

Role-based access and enterprise-grade security.



HydraLytica™

Your operations. Connected.

ENGINEERED FOR PERFORMANCE AND RELIABILITY



SAFETY BY DESIGN

No hydrogen storage.
On-demand production
from water.



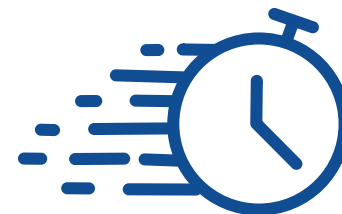
ONLY DISTILLED WATER

Simple, safe and
readily available
input.



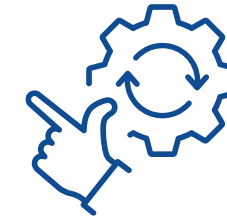
INTEGRATED CONTROL

Advanced ECU and
sensors for optimal
operation.



BUILT FOR UPTIME

Rugged design for
mission-critical
applications.



EASY INTEGRATION

Compact, modular
units for straightforward
retrofit.

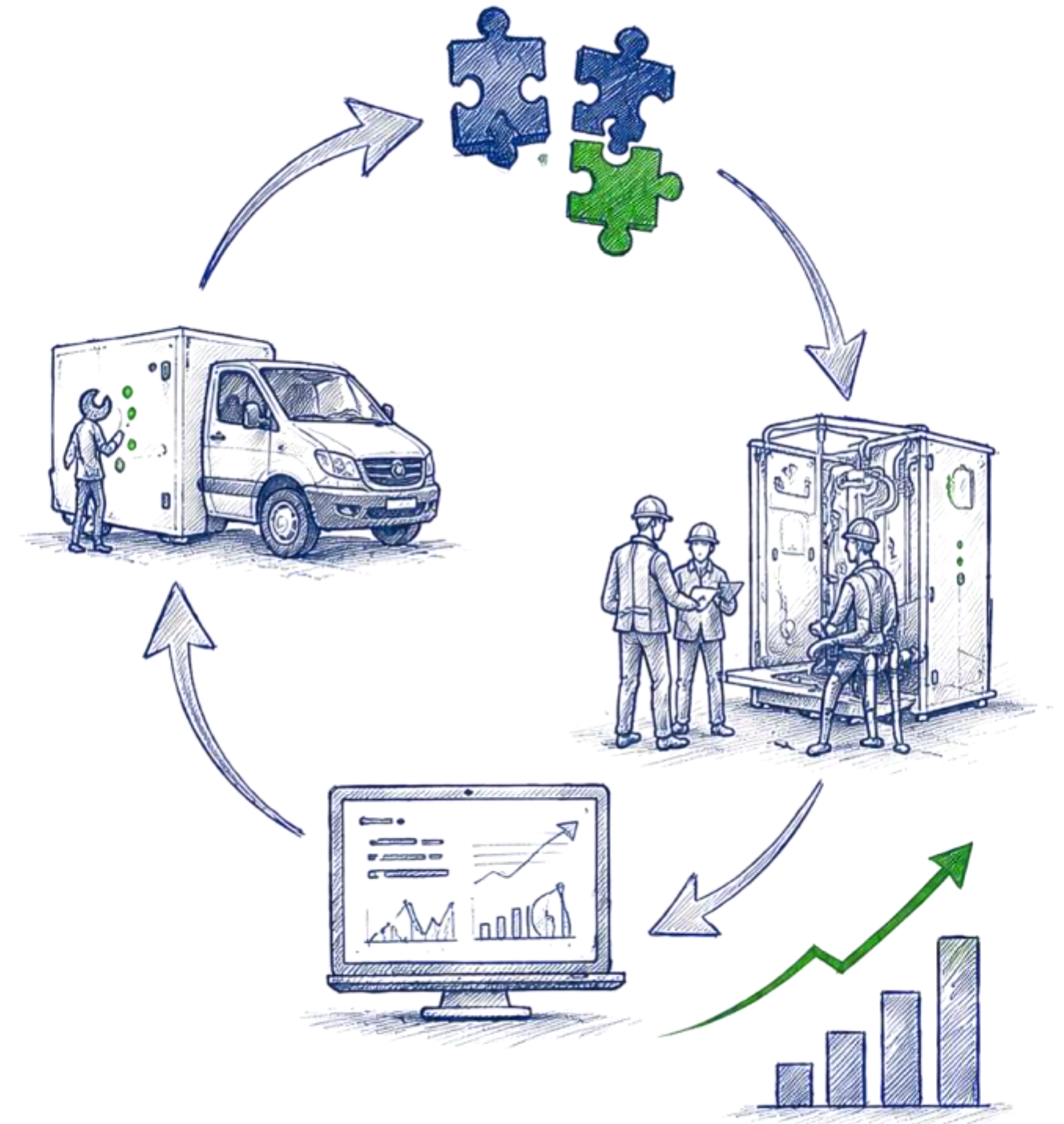
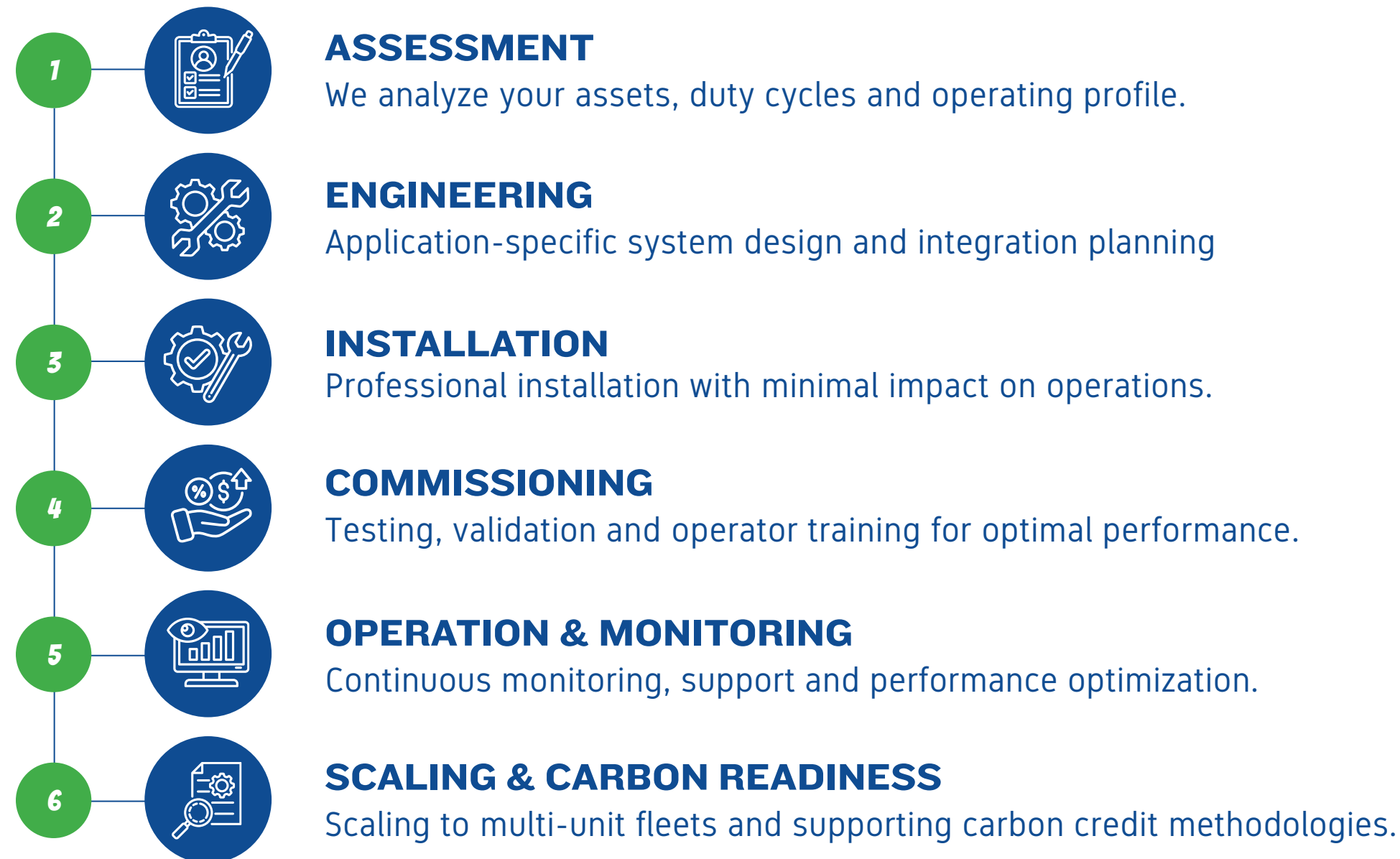


PROVEN APPROACH

Thousands of operating
hours in real-world
environments.

FROM ASSESSMENT TO SCALED OPERATION

EVERY PROJECT IS DIFFERENT.



PROVEN IN TOUGH SURROUNDINGS WORLDWIDE

REAL APPLICATIONS. REAL RESULTS.



Global installations across multiple industries



Project experience in real-world conditions



Supporting customers on their decarbonization journey

ENGINEERED FOR REAL-WORLD INTEGRATION

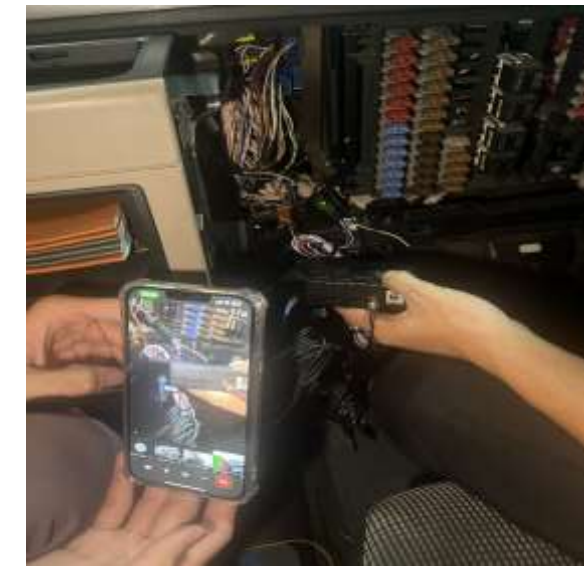
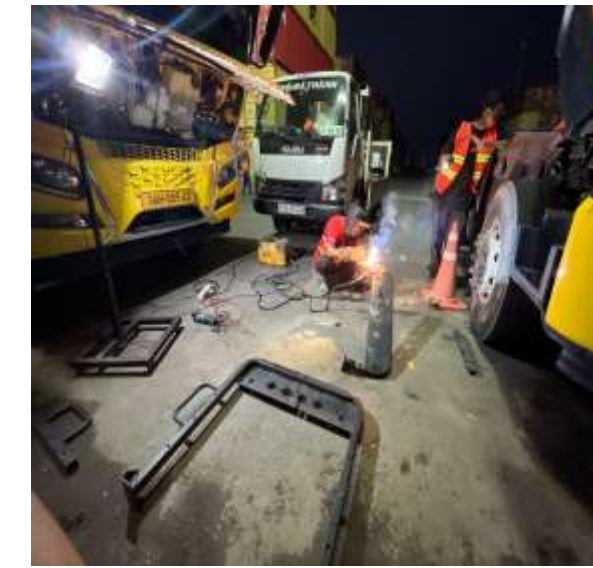
SIMPLE RETROFIT. NO ENGINE MODIFICATION. PROVEN ACROSS APPLICATIONS.



Installed by certified technicians.
No modification of OEM engine architecture.

THOROUGH INSTALLATION PROCESS

TRAINED TECHNICIANS. LOCAL SERVICE PROVIDERS. QUICK INSTALLATION.



Installed by certified technicians.
No modification of OEM engine architecture.

OUR FIRM BELIEF IN THE POTENTIAL VIETNAMESE MARKET

VARIOUS CONCERTED INITIATIVES WITH HCM UNIVERSITY OF TECHNOLOGY.



Installed by certified technicians.
No modification of OEM engine architecture.



CONTACT US

**LET'S ENGINEER THE RIGHT SOLUTION FOR
YOUR APPLICATION.**



SALES & BUSINESS DEVELOPMENT VIETNAM & SOUTH EAST ASIA

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**We are ready to support you - anywhere in the world. Let's
work together for cleaner, more efficient operations.**



THANK YOU FOR YOUR ATTENTION!

REDUCED FUEL COSTS.
CLEANER OPERATIONS.
SUSTAINABLE FUTURE.



We look forward to working with you.
Together we can drive real impact.