#### **GLOBAL CLEANTECH SUMMIT**

Dubai | World Expo Pitch Deck January 2022





# Company





### **VISION**

Global provider of large-scale fleet electrification & CO2 solutions for vehicles



Introduce NESS as the retrofit solution for reducing CO<sub>2</sub> emissions of 98% of all newand existing vehicles on the global market



# 45% reduction in CO<sub>2</sub> emissions by 2030

Increasing the UN's climate mitigation and/or adaptation ambition





## Problem

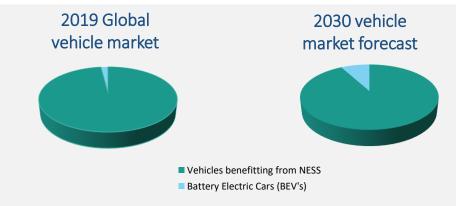


### OEMs – Car manufacturers

- Large capital CO<sub>2</sub> fines (+billions of €)
- Combination of different subsystems
- Need CO2 reducing technologies without loosing core product margins

## Public Municipalities & Private Fleet owners

- Not possible to switch entire fleets at once to 100% Battery EV's.
- Operation margins do not cope with extended downtime in connection to recharging
- High Need Green CO<sub>2</sub> reducing retrofit solutions for existing fleets









## A retrofittable Product system converting all new- & existing cars to Electric Hybrid cars

20% CO<sub>2</sub>, NOx , & Fuel reduction stand-alone

**80 – 245** Megaton CO<sub>2</sub>e / year potential

**100 % fossil-free vehicles** with renewable-, and H<sub>2</sub> fuels

100 % retrofittable to all new- and existing cars

70% lower production cost than competing solutions





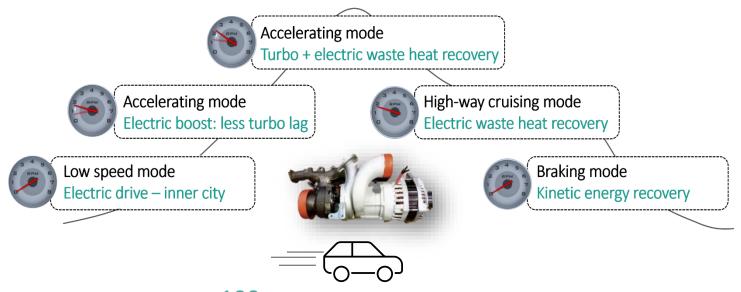
# +56 granted patents worldwide





# DUAL hybrid operation modes and multiple functions

Today's EV's & Hybrid cars recover energy during 8 % of total driving time; only when braking.



NESS recovers energy during 100 % of total driving time; when Accelerating, Highway driving and Braking





# Public- & private fleet owners















Converts existing vehicles to EV's Large scale fleet electrification Up to 18% increased fuel efficiency ROI < 1 yr. (fuel savings alone)

## **Automotive OEMs**































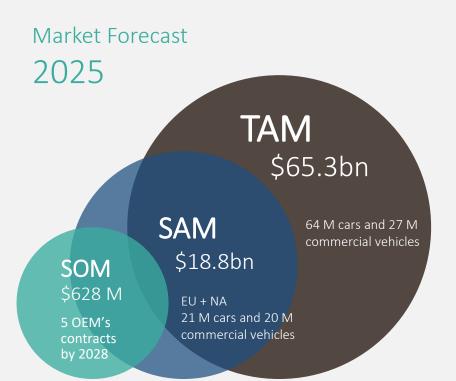


No more large CO2 fines (\$40Billion / yr saved) 20% reduction in weight 15% reduction under-hood space One single component



## Market opportunity





## Vehicle electrification market

\$2.00 trillion in 2022 +11.6% CAGR

## Mild hybrid market

\$1.25 trillion in 2017 +7.1% CAGR

## Risks & Contingencies





## We are manufacturers...



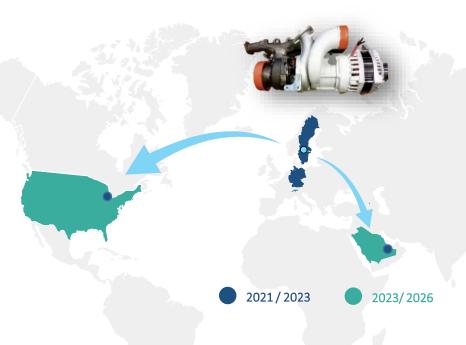
## Commercialization & Marketing strategy

- Very attractive unit economy offer for both OEMs and Fleet owners
- Strategic partnerships alliances
- Strong marketing strategy
- Raising awareness

## Early adopters







# **Supplier Partners**









"- We can transform the automotive market, electrify 1.2Bn cars and fasttrack to reach UN climate goals already by 2030."

Generate Target Revenues for the retrofit market

Secure testing hours & OEM customer build relationships

Establish Kasi as the immediate solution for long-term CO<sub>2</sub> reduction & UN ESG goals























Target **13.3** 

