

alkè
ELECTRIC VEHICLES



H2GO

Hydrogen mobility



Urban Mobility

Co-funded by the
European Union



HYDROGEN AS SAFE AND RELIABLE ENERGY RANGE EXTENDER FOR ELECTRIC COMMERCIAL VEHICLES



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Arco FC



OUR CHALLENGE

The transportation sector is responsible for 30% of global CO₂ emissions, 72% of which is only related to road transport. Battery electric vehicles have the limitation of not being able to guarantee cycles of continuous operation and thus sufficient autonomy.

THE BENEFITS

H₂

Raising awareness of H₂ benefit



Ensuring continuous work cycles and avoid inefficient vehicle stops

OUR SOLUTION

H2GO is a retrofitted electric light commercial vehicle that adopt a FCH (Hydrogen Fuel Cell) as a range extender, that is able:

1. to reduce battery pack size
2. to ensure longer working cycle and quicker refuelling operation
3. to keep the vehicle operation clean

Municipalities and urban service providers can benefit from the versatility of H2GO vehicle by using it for several activities (waste management, cycling path maintenance, urban parks management, etc.).

CO₂

Reducing CO₂ emission and noise pollution



Supporting the creation of a H₂ demand on transport by municipalities



Disseminating the experience on H₂ refuelling station



Identifying the best suited application where H₂ can be adopted

H₂

HYDROGEN
POWERED

TOP ELECTRIC COMMERCIAL VEHICLES FOR URBAN USE



The Alkè ATX electric vehicle with hydrogen range extender is 100% eco-friendly, high-performing and extremely robust. FCH technology, combined with the lithium battery, guarantees a range increase of 160 km. This vehicle represents an innovation

for many urban applications: waste collection, maintenance, logistics, etc. It is definitely able to replace traditional endothermic motor vehicles in terms of power and autonomy. It is possible to choose from a wide range of configurations to equip the cargo area.

**ZERO EMISSIONS
ZERO LIMITS**





H2GO PARTNERSHIP





PROJECT PARTNERS



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This project is funded by EIT Urban Mobility, an initiative of the European Institute of Innovation and Technology (EIT), a body of the European Union. EIT Urban Mobility acts to accelerate positive change on mobility to make urban spaces more livable.

Read more:
eiturbanmobility.eu

For more details on the H2GO project visit:
www.h2go.site



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