



**SUSTRAINY**

Sustainable action Training for Youth



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# SUSTRAINY PROJECT



## PANORAMA OF SUSTAINABLE BUSINESSES PRACTICES

SUSTAINABLE  
TRANSPORT

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# Sustainable Transport



*Picture from Aquaservice*

Category – Key words	Transport, sustainable travels, urban distribution, hybrid vehicles, electric vehicles, fight against climate change, renewable energy, clean energy, reducing the carbon footprint, sustainable development goals,
Who?	Aquaservice - First Spanish company to carry out urban distribution with hybrid and electric vehicles
Location	Valencia, and other Spanish regions
Years of implementation	2018 - ongoing
Website	<a href="https://www.aquaservice.com/aquaservice">https://www.aquaservice.com/aquaservice</a>



## Abstract

Company dedicated to the urban distribution of bottled water and that applies the principles of circular economy and sustainability in several of its actions.

Aquaservice Eco has incorporated into the capillary logistics of our service, 61 sustainable trucks, Fuso Eco Hybrid from the Mercedes group, which makes it the largest hybrid delivery fleet in the country and the second in Europe; with a market value that exceeds 4.700.000€

The commitment includes a commitment to renewable energy, such as the incorporation of solar panels in its facilities; the strength of its circular economy where the reuse of water drums drastically reduces plastic consumption or, within its home coffee service, the upcoming launch of a new bio coffee in compostable capsules that, after use, becomes organic matter without producing any type of residue.

## Concept Addressed

The main concept addressed is to boost the efficiency of materials to reduce CO2 emissions and adopt measures against climate change.

Thanks to modern non-plug-in hybrid technology, they have opted for the Fuso Eco Hybrid model that not only reduces fuel consumption by up to 23% but also reduces CO2 emissions by 20%. With those figures, the number of emissions reduced by a single Fuso Eco Hybrid equates to the same environmental benefits provided by a forest of 142 cedars.

Aquaservice counts with 100% electric vehicles for 7,5 tones to make cities more sustainable spaces, these vehicles are totally free of carbon footprint.

## Relevance

### Added value of the action

This action is focused on a specific goal of reduction of CO2e emissions, with significant actions made in different aspects of the production to achieve this goal, for higher results, taking in account that other SDG are involved in the company.



SDG 5 and SDG 8. Decent job creation; Fair and equal salary policies; Continuous training; Safe work environment

SDG 7: Use of clean energy; Photovoltaic panels

SDG 11: Contributes to the circular economy, which collects, reuses, and recycles its products

SDG 12: Development of a circular economy that collects, reuses, and recycles its products.

SDG 13: Zero Paper Policy; Efficient use of resources; Clean energies.

SDG 14: Adoption of technologies for the development of a sustainable industry; Creation of the Innovation Department.

SDG 15: Hybrid truck fleet + route optimization; Sustainable bottles; Zero paper

With all these actions Aquaservice is 100% Carbon Neutral Bottled Water Company.

### **Challenges to be able to apply and / or improve this type of circular action**

- Be aware of energy consumption and CO2e emission
- Have a global picture of environmental impact
- Be able to fix global objectives with associated concrete actions
- Route optimization: both with the calculation of more efficient routes, and with the optimization of the interior space with the highest possible load to optimize both outbound and return trips
- Report results

### **Eventually accreditation**

ISO 140001, ISO 22000 with SGS

IFS FOOD Global Food Safety Initiative (GFSI)



## Tips to implement

The best tip given by Aquaservice on sustainable action would be to fix achievable goals with different sections of the production and distribution.

When it comes to reducing CO2e emissions and other SDG, Aquaservice is working since many years, trying to improve step by step, studying with measures will be the most urgent and important related with investments. Aquaservice tries to implement actions every year.

You can find some tips about how improve your sustainable travels:

- Use public transport whenever possible
- Look for company mobility plans, the intention of which is to offer mobility alternatives to workers who have very limited possibilities of accessing certain jobs by public transport.

## Bibliography

<https://www.aquaservice.com/sostenibilidad-medio-ambiente>

