Fact Sheet

Project Information

GluttonZen
Grant agreement ID: 877532

Project website

Funded under
H2020-EU.3.
H2020-EU.2.3.
H2020-EU.2.1.

Overall budget
€ 71 429

EU contribution
€ 50 000

Coordinated by
LANGE CHRISTIAN SA
Belgium

Start date
1 August 2019

End date
30 November 2019

Project description

Electronic street sweepers get smart and eco-friendly

European historical cities and towns are visited by countless tourists and the streets need to be kept clean. Waste removal should be undertaken in an eco-friendly, long-lasting and quiet manner without undermining municipal budgets or disrupting lifestyles. The EU-funded GluttonZen project supports the Glutton®Zen® product.

This is a compact all-electric city sweeper vehicle. It is autonomous and does not produce gas emissions. It removes waste from cities, highways or industries with its innovative prototype compact machinery. The engine is regenerative, and it recovers kinetic energy – producing another 90 minutes for each shift of eight hours. With ergonomic design, it is the best value solution for many European municipalities.
Objective

Glutton®Zen®, is a compact all-electric city sweeper vehicle that will transform the market of cleaning cities services by offering an autonomous, no emissions waste capturer vehicle. A compact street sweeper machinery which is primarily used for the purpose of waste removal in the cities and other areas such as highways, airport roads and in industries. The first operational prototype was completed in early 2017 and has now been successfully demonstrated. Glutton®Zen® includes a regenerative engine that recuperates kinetic energy (adding 90 minutes over an 8-hour shift) for longer autonomy helping the Glutton®Zen® to reach a class-leading 10-hour guaranteed, and contains a proprietary filter that retains 99.9% of particulate matter in the air. It has also an enhanced ergonomically-minded cabin with accessories intended to dignify and give value to the driver’s work. We added a proprietary; all unique advantages that make the Glutton®Zen® the leading candidate for municipal tenders on electric sweepers.

Field of science

/social sciences/economics and business/business and management/commerce
/social sciences/sociology/governance/public services

Programme(s)

Topic(s)

Call for proposal

H2020-SMEInst-2018-2020-1

Funding Scheme

SME-1 - SME instrument phase 1

Coordinator

LANGE CHRISTIAN SA

Address
Rue Du Progres 22
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Belgium

Activity type
Private for-profit entities
(excluding Higher or Secondary Education)

EU contribution
€ 50 000
Contact the organisation

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