



# HORECA

SUSTAINABILITY SOLUTIONS

- Reducing Food Waste
- Giving Waste a New Life
- Reducing Single-Use Plastic
- Creating Safe Spaces
- Mobilising Communities
- Sustainable Transport

# COVID Solutions and Sustainable Solutions



Air and Surface  
Sanitation in Public  
Areas



Composting for  
HORECA and for  
Cities



Food Waste Education for  
HORECA companies



Ultra Purified Water,  
Pure and Sustainable



Sustainable Transport



Cleaning with Aqueous  
Stabilised Ozone



Reduction in Single-Use  
Plastics



# — FOOD WASTE —

COMPOST

COMMUNITY

# WHY TACKLING FOOD WASTE IS IMPORTANT

*If food waste were a country....*

It would be the **3RD biggest** emitter of carbon emissions

*The global volume of food waste produced each year...*

is estimated to be **1.6 billion tonnes!**

*The direct economic consequences of food waste globally....*

is estimated at almost **\$750 billion annually**



The draft waste law being processed by the Spanish government stipulates that selective collection of organic waste must be established in all local authorities with more than 5,000 inhabitants by 1 January 2022 and in the rest by 1 January 2024.

# ON SITE COMPOSTING FOR TOWNS AND CITIES



## Repurposing food and organic waste from food service businesses

Smart, safe, simple technology to turn your food waste into a resource for your business or to donate as part of a CSR programme

- Compost organic waste produced on site including meat and fish
- Odour free, no noise and low running costs
- Easy to use
- Reduce emissions associated with sending foodwaste to landfill
- Available in 3 models depending on kilos of waste produced daily



# COMMUNITY COMPOSTING FOR TOWNS AND CITIES



## Enriching the social fabric with community composting solutions

Citizens learn to value waste whilst making a contribution to, and benefiting from circular economy solutions

- Citizens invited to participate in community level composting
- Special bags are provided for organic waste
- Citizens take bags to centrally located disposal points
- The appointed compost coordinator arranges collection of bags to ensure only the right contents are introduced into the machinery and it is programmed accordingly
- Once compost has rested, citizens that have contributed organic waste are entitled to receive the compost
- Surplus compost can be donated to small agricultural groups or sold to businesses



# BENEFITS FOR TOWNS AND CITIES



Organic waste can be collected using the K-Ryole e-bike thereby reducing emissions associated with transport.



Diverts organic waste from landfill **helping destinations to comply with impending legislation**



Improves soil health and increases yields of fruit and vegetables without harmful chemicals



# ADDITIONAL BENEFITS FOR COMMUNITIES



Surplus compost can be donated to local agricultural groups



Can create new jobs for collecting and sorting waste and overseeing the composting process



Creates a sense of community amongst participants



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The Pledge™



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