



Good Practice: Food Waste Selective Collection - Different strategies for the door-to-door collection

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Food waste door-to-door selective collection in commerce



WHY ?

Recover the organic fraction present in the mixed waste

Release some pressure from the street bins which were overloaded

Get an alternative solution from the street bins installation to answer to the high waste production

Provide a service that answers to the users needs

Avoid some serious street cleaning issues



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In 2008 we started collecting food waste by a door-to-door selective collection system in the city centre

Over the years we have been expanding this system, including more users and getting to new areas, like the Historic Centre



Prezi

The system is based in the use of **individual plastic bins** for each user, that we collect once a day, from monday to saturday

We give the users plastic bags, which make the cleaning easier and prevent the bin from degrading. The cleaning is made by the bin owners.



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When we get to Ribeira, we realized that the system as we know it wouldn't work there



Adapt the system to the area, by adjusting:

- The frequency and time set for the collection
- The volume of the bins
- The vehicles used in the operation
- The human resources involved



Prezi



Main differences in Ribeira's system:

The collection is made twice a day

The full bin is replaced by an empty one

The full bins from the first daily collection are stored until the second collection moment

The bin's cleaning is ensured by the municipality



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The food waste collected in Porto is used to make compost in Lipor's Composting Plant → **Nutrimais**

Nutrimais is a high quality organic compost, 100% natural, suitable to be used in organic farming

↳ To ensure the final product quality, Lipor has to be very strict not only with the producing process but also in the selection of the raw material

↳ The quality criteria for the raw materials entering Lipor's Compost Plant are very high and the quality control is very rigid

↳ The food waste that we recover with the door-to-door collection in commerce meets the quality standards to be a raw material for Lipor's composting process

VIDEO

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Thank You!

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 Project media