IOLIVING FOOD WASTE TRACKER

iⓒLiving

ioLiving Food Waste Tracker
GENERAL GUIDE

EXAMPLES OF USAGE

ioLiving Food Waste Tracker supports five different methods for recording food waste in the ioLiving service.

1. Entering the food waste data manually with KitchenHelper application.
2. Monitoring the food waste with ioLiving WasteScale (WSS) and integrated touch screen.
3. Monitoring the food waste with ioLiving WasteScale (WS) using a KitchenHelper application.
4. Entering the food waste data manually in ioLiving service.
5. Automated plate waste recording with ioLiving WasteScale (WSS) and PlateWaste application.

Example 1:
Does not require ioLiving WasteScale device.

A batch of expired food items is found during a weekly inventory. Inventor reads the total amount of expired food from packages and enters it manually into the ioLiving service with ioLiving KitchenHelper application.

Example 2:
Requires ioLiving WasteScale device with touch screen (WSS).

The excess salad on the restaurant's buffet line must be thrown away after closing the buffet service. When pouring the leftover salad into the waste bin, the kitchen staff person selects "salad" from the touch screen of ioLiving WSS scale. Then the leftover meat products are poured into the waste bin and the kitchen staff person selects "meat" etc. Food weight, type and time are automatically stored in the

ioLiving service. When the waste bin is emptied the ioLiving Waste Scale will automatically tare itself.

Example 3:
Requires ioLiving WasteScale device without touch screen (WS).

Accidentally a batch of food produced in the kitchen is spoiled and must be thrown away. Chef puts the spoiled batch of food on ioLiving WS WasteScale and selects the type of waste using the KitchenHelper app on the smartphone. Food weight, type and time are automatically stored in the ioLiving service. After measuring the spoiled food, it is removed from the scale and poured in the waste bin. Each batch of food waste is measured separately. This method works best when the waste scale is placed on a table.

Example 4:
Does not require ioLiving WasteScale device.

Communal food service produces meals in central kitchen for forty schools. The management wants to keep track of the leftover food amount on each school. Leftover food is weighed with normal kitchen scale, and the result is entered to ioLiving service with any available web browser.

Example 5:
Requires ioLiving WasteScale with touch screen (WSS)

Restaurant customers do not always eat the whole meal, but there will be some leftovers on the plate. Customers return the palates and pour the plate waste into a bin. The bin stands on the WasteScale and the screen gives feedback to each customer if the amount of waste was minimal or too high. This makes the customer to think if she/he can do something to reduce waste next time.

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VIEWING AND ANALYZING THE FOOD WASTE DATA

The food waste data recorded in all the above examples is stored in the ioLiving service, where the data can be viewed on a daily, weekly, or monthly basis. Viewing take place by weight (kg), price (€) and size of its carbon footprint (kgCO2e). The data is presented both in numerical and graphical format and it can be viewed from the point of each waste receiving spot or scale. The food waste data is easy to share and export to reports and presentations. By analyzing the food waste data, targeted actions to reduce the waste costs and carbon footprint can be managed reliably.

PRECONDITIONS

Usage of the ioLiving Food Waste Tracker requires purchase and activation of ioLiving Food Waste Tracker license. The Food Waste Tracker license functions are included in Food Quality license. License is activated by entering the license code in ioLiving service. In a large company with several offices, the produced food waste amount can be monitored and analyzed thoroughly.

When managing a major food service company with several locations, a digital management license (MFS) is needed to be activated on company's main user account. The MFS license includes a centralized administration of food waste groups and objects which standardizes the food waste management on company's each location.

The usage of ioLiving food waste tracker requires creating a food waste groups and objects in ioLiving service. Giving financial and carbon dioxide equivalent values to the food waste groups and objects is optional. After these actions, all food waste measurement data will be automatically stored in ioLiving service. In ioLiving service the food waste data can be monitored and used to support the actions reducing food waste.

USER MANUAL

More specific user instructions for food waste management can be found on SmartKitchen support page:

https://smartkitchen.ioliving.com/en/support/