

FOODRUS KPIs definition methodology



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PRACTICE ABSTRACT NO.1

#KPIs

#FoodWaste #Impact

#SustainabilityIndex



The FOODRUS project is working to tackle food waste and losses by creating resilient food systems across nine European regions. To achieve this, the project will test 23 circular solutions to limit food loss and waste across three food value chains: vegetables and prepared salads (in Spain), meat and fish (in Denmark), and bread (in Slovakia).

To measure the impact of the Food Loss and Waste (FLW) prevention strategies implemented by the project, the FOODRUS Consortium developed a set of key performance indicators (KPIs).

This list of KPIs assesses the impact of the FOODRUS project considering social, economic and environmental aspects. These KPIs have been clustered in several groups according to the dimensions they address. To define the final list, several steps were followed under a co-creation perspective:

- Literature review of scientific and academic sources of information to collect the applicable KPIs that would form the initial long list.
- Grouping, screening, and adaptation of the KPIs to the requirements of the project.
- Consultation of experts on the KPIs' relevance to the aforementioned purpose by using a survey.
- Analysis of the KPIs applicability to the different food value chain's stages by means of a survey to the FOODRUS practitioners.
- Prioritisation of the KPIs via Analytic Hierarchy Process (AHP) with the participation of both experts and FOODRUS practitioners.
- Creation of a single sustainability index with the results of the process.



The FOODRUS project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°101000617.

The knowledge of the experts and the direct experience of the practitioners guarantee the quality and the robustness level of the final list of KPIs and, consequently, of the index.

The participation of the practitioners was also harnessed to conduct a preliminary assessment of the sustainability level of the three food value chains included in the project (prepared salads, fish and meat, and bread). The measurement of the KPIs will be done before, to set the baseline, and after the implementation of the FOODRUS prevention strategies against food loss and waste, to evaluate the impact of the project's solutions.

The standardisation of this methodology was considered throughout the whole process, so that it could be applied to any other food supply chain and, thus, ease its replicability and transferability to other contexts. The methodology was also aligned with the current corresponding European regulatory frameworks.

About

Coordinated by the University of Deusto and comprising 27 partners from 10 different European countries, the EU-funded FOODRUS project aims to limit food losses and waste, and to promote resource efficiency across all stages of the agri-food value chain. FOODRUS is working to tackle the food waste and losses by creating resilient food systems across nine European regions. To achieve this, the project will test 23 circular solutions through diverse forms of collaborative innovation.

Consortium



www.foodrus.eu



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