

## **Action A3.3 Review of existing food waste prevention programmes (measurements/estimations/existing monitoring practices and platforms)**

### **DELIVERABLE A3.D5**

Report on the assessment of existing food waste prevention programs and initiatives and their relevance/transferability at local, national, and EU level

Beneficiary Responsible: HUA, Beneficiaries involved: GRFU, ERS, MEEN

### Summary

The "Report on the assessment of existing food waste prevention programs and initiatives and their relevance/transferability at local, national, and EU level " was developed in the framework of the European LIFE-IP program CEI-GR (full title: Implementation of the Circular Economy in Greece - LIFE18 IPE / GR / 000013), with the ultimate aim to identify best practices in food waste prevention and map waste prevention programs at Local, National, EU and International level.

The report plays a key role in the implementation of the project, as it evaluates existing programs and initiatives for the prevention of food waste generation, indicating (depending on the available data) their transferability at local, national and international level.

To achieve the aforementioned objectives, a thorough review has been carried out, in order to investigate and record all available food waste prevention programs and initiatives at National, EU and International level. More specifically, project databases, websites, the EU Platform on Food Losses and Food Waste, as well as scientific search engines, such as Scopus, Google Scholar, Web of Science, etc., were exploited.

As a result, 201 practices have been recorded and classified in the categories Caldeira *et al.*, 2019:

- Food redistribution actions / practices
- Food waste valorization
- Actions for changing the behaviour of consumer
- Supply chain efficiency
- Food waste prevention governance



A snapshot of the excel file presenting the basic data of the 201 practices is presented in Figure 1. The classification of the practices in regards to their subcategory are presented in Table 1.

The evaluation of the recorded actions taking as criteria the quality of action design, effectiveness, efficiency, transferability and scalability, to intersectoral cooperation. The sustainability of the actions over time was not evitable to be assessed, due to lack of available data.

ID	Title	Subcategory	Location	Date	Description	Other Information	Notes
1	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...

Figure 1: The basic available data of the reported 201 practices are archived in an excel file (provided as a supplementary confidential document).



Table 1: The classification of the reported actions.

Category	Sub-categories	National level	EU level	International (non EU-MS)	Total
<b>Redistribution</b>	Food Surplus Redistribution	6	33	3	42
	Facilitation of redistribution		5		5
	Gleaning		3	4	7
	e-tools	1	1		2
	<b>Sub-total</b>				<b>56</b>
<b>Food valorisation</b>	Production of other food products (sauces, marmalade etc.)		2		2
	Food surplus in social cuisines	1	2		3
	Animal feed	2	2		4
	<b>Sub-total</b>				<b>9</b>
<b>Supply Chain Efficiency</b>	Targeting all stages of FSC		4		4
	Innovation/ sales, packaging	3	1		4
	Discounts for products close to their expiration date		9		9
	Cooking workshops / recipes with left-overs		3		3
	Food waste measurements	2	8	3	13
	E-tools/platforms	2	5		7
	<b>Sub-total</b>				<b>40</b>
<b>Consumers behavioral change</b>	Raising awareness campaigns (food surplus)	8	25	3	36
	Information /Education		6		6
	Information campaigns	1	18	1	20
	Book, websites, leaflets		3	1	4
	Seminars, workshops		3		3
<b>Sub-total</b>				<b>69</b>	
<b>Governance tools</b>	Voluntary agreements	2	6		8
	Regulatory		5	1	6
	National Waste Prevention Plan / National Strategies		4	1	5
	Guidelines for supply management	1	6	1	8
	<b>Sub-total</b>				<b>27</b>
	<b>Total</b>				<b>201</b>