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COST Action “Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation, FoodWaStop”

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II COST CA22134 FoodWaStop meeting, Cordoba 4-5 March 2025



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



SUSTAINABLE DEVELOPMENT GOALS

The difference between

FOOD LOSS

&

FOOD WASTE

takes place at

Production

Postharvest

Processing stages

Distribution

happens at

Retail

Consumption



Food and Agriculture Organization
of the United Nations

#ZeroHunger

Food Loss Index- focus on supply

Custodians of 12.3 indicators:
FAO & UNEP



"By 2030, ...



12.3.1(a) Food Loss

"...reduce food losses along production and supply chains, including post-harvest losses."

12.3.1(b) Food Waste

"...halve per capita global food waste at the retail and consumer levels."

Food Waste Index- focus on demand



Working together to cut food waste and loss

Initiative called "10x20x30" unites food supply chain giants:



10

of the world's biggest food retailers and



20

of their priority suppliers

by

2030



This private sector commitment aligns with the United Nations' Sustainable Development Goal Target 12.3 to reduce 50% of food waste and loss by 2030 worldwide.



Farm to Fork Strategy

For a fair, healthy and environmentally-friendly food system

#EUGreenDeal



WITHIN 2030:

-50% food waste (including fresh fruit and vegetables)

-50% use of synthetic pesticides

+25% organic agriculture



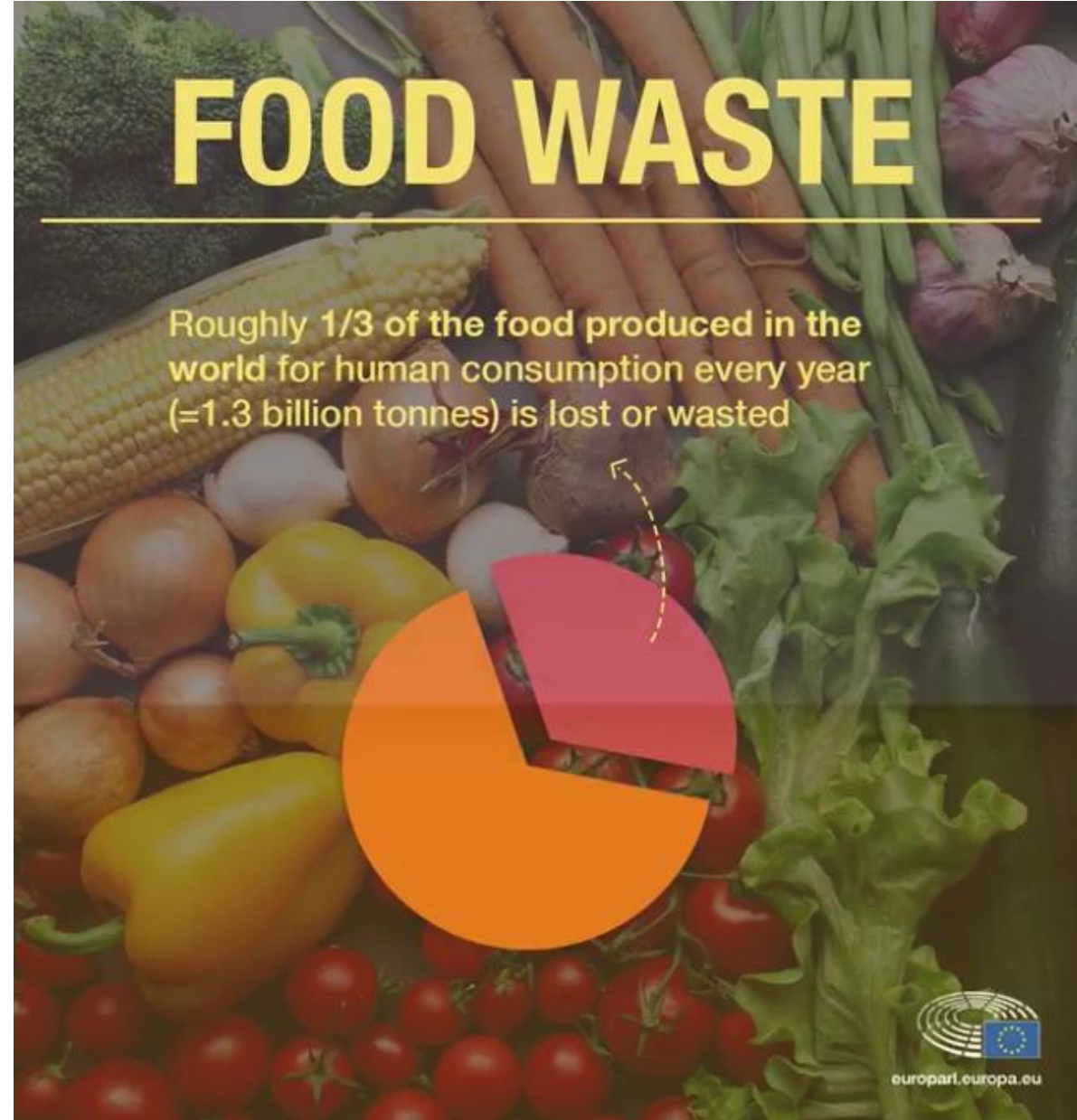
million tonnes

or



kg per person

of food are wasted per year



FOOD WASTE

Roughly 1/3 of the food produced in the world for human consumption every year (=1.3 billion tonnes) is lost or wasted


SHARE OF EU FOOD WASTE

(Estimates, 2012)





CA22134 - Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop)

 Downloads

[Home](#) > [Browse Actions](#) > Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop)

[Description](#)[Management Committee](#)[Main Contacts and Leadership](#)[Working Groups and Membership](#)

Description

Food loss and waste (FLW) is a global challenge recognised by international governments and organisations. Reducing FLW is key to sustainably ensure nutritional food security for an increasing world population. It is a target of the Sustainable Development Goals of the United Nations, and the Farm to Fork Strategy of the European Green Deal. The FoodWaStop COST project addresses these challenges and aims to: (i) build an interdisciplinary and multi-actor European Network that will also connect with non-EU Mediterranean countries, to promote knowledge on FLW beyond the state of the art; (ii) determine incidence of FLW in the critical points of the fruit and vegetable value chain; (iii) foster technological innovations and sustainable management strategies to reduce and prevent FLW; and (iv) valorise agrofood waste to promote a circular bio-economy. The experience of the Coordinators and Participants gained from other related projects (e.g., PRIMA, H2020), the background from diverse EU and extra-EU countries, and the involvement of stakeholders and industry partners will contribute to increase awareness of this problem, to determine its incidence, to seek strategies for its management through exploitation of the potential of innovative technologies, and to define good practices to prevent FLW. The FoodWaStop Network will provide benefits to various stakeholders and end-users, including all actors in the agrofood value chain, from farmers (Farm) to consumers (Fork). Moreover, FoodWaStop will create a knowledge platform that will promote innovation, deliver guidelines, and favour dialogue with policymakers, to focus their attention on the social and economic implications of FLW.

Action keywords

Agrofood waste - Euro-Mediterranean knowledge hub - Sustainable food management - Circular bio-economy - Socio economic empowerment of smallholders

Action Details

-  **MoU** - 044/23
-  **CSO Approval date** - 12/05/2023
-  **Start date** - 21/09/2023
-  **End date** - 20/09/2027

How can I participate?

- Read the Project Description [MoU](#)
- Inform the Main Proposer/Chair of your interest ([email](#))
- [Apply](#) to join your Working Groups of interest
- Please note, Management Committee nominations are carried out through the [COST National Contact Points](#)



Role	Leader
Action Chair	Prof Gianfranco ROMANAZZI ✓
Action Vice-Chair	Dr Fernando PEREZ-RODRIGUEZ ✓
Grant Holder Scientific Representative	Prof Gianfranco ROMANAZZI ✓
Science Communication Coordinator	Prof Luca FALASCONI ✓
Grant Awarding Coordinator	Prof Pervin KINAY TEKSUR ✓
WG1 Leader	Prof George KARAOGLANIDIS ✓
WG2 Leader	Prof Slaven ZJALIC ✓
WG3 Leader	Dr Natalia FALAGAN ✓
WG4 Leader	Ms Jessica GIRARDI ✓
WG5 Leader	Dr Sandro FRATI ✓
WG6 Leader	Dr Kata LUDMAN-MIHÁLY ✓



- 1 Prevention of food loss and food waste
- 2 Agrofood loss and waste management
- 3 Quantification of food loss and food waste
- 4 Valorisation of agrofood waste and a circular bio-economy
- 5 Cross-cutting strategies and smart systems for food management
- 6 Networking and dissemination, communication and transfer of knowledge

Working Groups

	WG Title	WG Leader	Number of WG members
WG1	Prevention of food loss and food waste	Prof George Karaoglanidis	231
WG2	Agrofood loss and waste management	Prof Slaven Zjalic	198
WG3	Quantification of food loss and food waste	Dr Natalia Falagan	152
WG4	Valorisation of agrofood waste and a circular bio-economy	Dr Jessica Girardi	306
WG5	Cross-cutting strategies and smart systems for food management	Dr Sandro Frati	145
WG6	Networking and dissemination, communication and transfer of knowledge	Dr Kata Ludman-Mihály	213

NETWORKING (WG6)





Aims of FoodWaStop COST Action CA22134

- Build an interdisciplinary and multi-actor European Network that is also connected with non-EU Mediterranean countries, to promote knowledge on FLW beyond the state of the art
- Determine incidence of FLW in the critical points of the fruit and vegetable value chain
- Foster technological innovations and sustainable management strategies to reduce and prevent FLW
- Valorise agrofood waste to promote a circular bio-economy

Kick-off meeting – Bruxelles, 21 September 2023



Innovations in Food Loss and Waste Management

Ancona, Italy, 23-25 January 2024



Group picture of participants from over 30 Countries, plus other connected online



Group picture with the Convener (Gianfranco Romanazzi, Chair of COST FoodWaStop), the Organising Committee (Marwa Mourni; Lucia Landi; Annamaria Lucrezia D'Ortenzio; Simone Piantatelli; Sarah M. Makau; Mehdiye Tunc), the Grant Holder Manager (Chiara Mengarelli), Vice Chair (Fernando Perez-Rodriguez), Grant Award Coordinator (Pervin Kinay), leaders of WG1 (George Karaoglanidis), WG2 (Slaven Zjalic, co-leader Lluís Palou), WG3 (Natalia Falagan, co-leaders Lise Korsten and Rosa Rolle) WG4 (Jessica Girardi), WG5 (Sandro Frati) and WG6 (Kata Mihaly, co-leader Marwa Mourni)



Training School on Food loss and waste quantification organised by WG3 Leader **Natalia Falagan** in July in Cranfield University

Training School
Food loss reduction: a global challenge
9-11th July 2024





1st Call of Short Term Scientific Missions (CA22134)



CALL FOR STSM GRANTS

Application for 4 STSM Grants of EUR 2500 each

Deadline: 4 December 2023

Results: within 18 December 2023

Period of STSM: from 1 January 2024 to 30 June 2024

Grant Period: This Call covers the grant period from 1 November 2023 to 31 October 2024

STSM duration: No minimum or maximum number of days required, but suggested at least two weeks to four months



2nd Call of Short Term Scientific Missions (CA22134)



CALL FOR STSM GRANTS

Application for 18 STSM Grants of EUR 2500 each

Deadline: 5 June 2024

Results: within 15 June 2024

Period of STSM: from 16 June 2024 to 15 October 2024

Grant Period: This Call covers the grant period from 1 November 2023 to 31 October 2024

STSM duration: No minimum or maximum number of days required, but suggested at least two weeks to four months

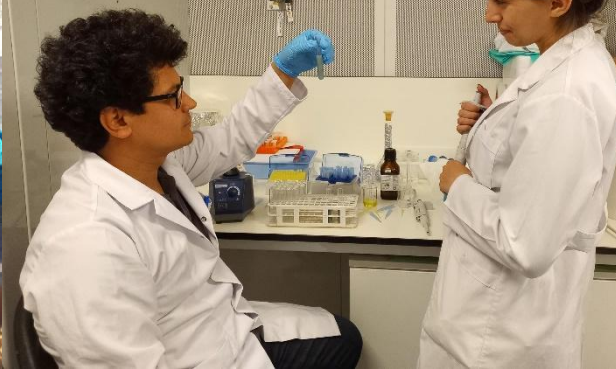
39 STSM



Organic waste as substrates for insects production (Prof. Laura Gasco, DISAFA, Turin University, Italy)



Catering waste substrate experiment for black soldier fly (*Hermetia illucens*, BSF) larvae rearing: sampling and larvae growth evaluation + bioconversion efficiency evaluation





Survey on household food waste COST Action CA22134 FoodWaStop

Dear respondents, we are grateful in advance for the time you will dedicate to completing this survey. Each questionnaire is strictly anonymous, so we ask you by reporting what actually happens within your family unit.

Food loss and waste (FLW) is a global challenge recognised by international governments and organisations. Reducing FLW is key to sustainably ensure nutritional food security for an increasing world population. It is a target of the Sustainable Development Goals of the United Nations, and the Farm to Fork Strategy of the European Green Deal. The FoodWaStop COST project addresses these challenges and aims to: (i) build an interdisciplinary and multi-actor European Network that will also connect with non-EU Mediterranean countries, to promote knowledge on FLW beyond the state of the art; (ii) determine incidence of FLW in the critical points of the fruit and vegetable value chain; (iii) foster technological innovations and sustainable management strategies to reduce and prevent FLW; and (iv) valorise agrofood waste to promote a circular bio-economy. The experience of the Coordinators and Participants gained from other related projects (e.g., PRIMA, H2020), the background from diverse EU and extra-EU countries, and the involvement of stakeholders and industry partners will contribute to increase awareness of this problem, to determine its incidence, to seek strategies for its management through exploitation of the potential of innovative technologies, and to define good practices to prevent FLW. The FoodWaStop Network will provide benefits to various stakeholders and end-users, including all actors in the agrofood value chain, from farmers (Farm) to consumers (Fork). Moreover, FoodWaStop will create a knowledge platform that will promote innovation, deliver guidelines, and favour dialogue with policymakers, to focus their attention on the social and economic implications of FLW.

There are 16 questions in this survey.

A note on privacy

This survey is anonymous.

The record kept of your survey responses does not contain any identifying information about you unless a specific question in the survey has asked for this. If you have responded to a survey that used an identifying token to allow you to access the survey, you can rest assured that the identifying token is not kept with your responses. It is managed in a separate database, and will only be updated to indicate that you have (or haven't) completed this survey. There is no way of matching identification tokens with survey responses in this survey.

Load unfinished survey

Next >>



Food Waste Questionnaire



COUNTRY	Respondents	COUNTRY	Respondents
Albania	19	Germany	15
Algeria	8	Greece	46
Andorra	1	Hungary	6
Angola	1	India	4
Antigua and Barbuda	1	Israel	1
Argentina	1	Italy	51
Australia	2	Kosovo	12
Austria	4	Latvia	24
Azerbaijan	2	Lebanon	2
Belgium	3	Lithuania	11
Bosnia and Herzegovina	22	Macedonia	120
Brazil	1	Morocco	1
Bulgaria	77	Netherlands	2
Canada	1	New Zealand	1
Croatia	8	Nigeria	8
Cyprus	3	North Macedonia	35
Czech Republic	15	Norway	6
Democratic Republic of Congo	1	Pakistan	7
Denmark	3	Palestine	1
Egypt	2	Poland	22
Ethiopia	1	Portugal	95
Faroe Islands	1	Romania	15
Finland	1	Serbia	26
France	5	Slovakia	2
Georgia	2	Slovenia	1
		South Africa	1
Spain	26		
Sweden	3		
Switzerland	1		
Tunisia	10		
Turkey	66		
Ukraine	62		
United Kingdom	4		
United States of America	2		

900 Participants
58 Countries



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CA22134 – Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop)

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www.foodwastop.eu





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COST Foodwastop

Mi piace: 219 • Follower: 337



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Publicizza



foodwastopcostaction2023

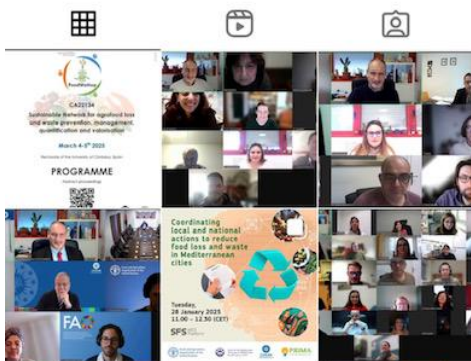


34 post 141 follower 10 seguiti

FoodWaStop

Account seguito da cleanseedpsr, spadaro_davide e altri 17

Segui già Messaggio



FoodWaStop COST Action CA22134

FoodWaStop COST Action CA22134

Agricoltura • Ancona, Marche • 471 follower



Modifica profilo

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COST Action FoodWaStop 'Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation'

Iscrizione: settembre 2023

26 Following 88 Follower



COST FoodWaStop

@COSTFoodWaStop · 7 iscritti · 2 video

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Iscritto

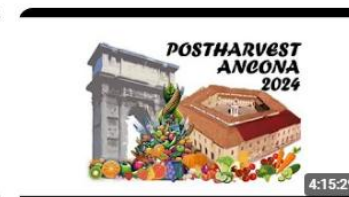


Video



PostharvestAncona2024 Congress : Innovations in Food Loss And Waste...

28 visualizzazioni · 1 anno fa



PostharvestAncona2024 Congress : Innovations in Food Loss And Waste...

11 visualizzazioni · 1 anno fa




700 WG members from 59 Countries



700
Working Group
Members

59 Countries



Number of applicant 
1 254

**Second COST CA22134
FoodWaStop meeting
4-5 March 2025 - Cordoba, Spain**



*Thanks for your
responsible
participation*