



# WG 1 – Prevention of food loss and food waste

**Start Month: M1**

**End Month: M48**

**Cordoba, Spain, 4-6 March 2025**





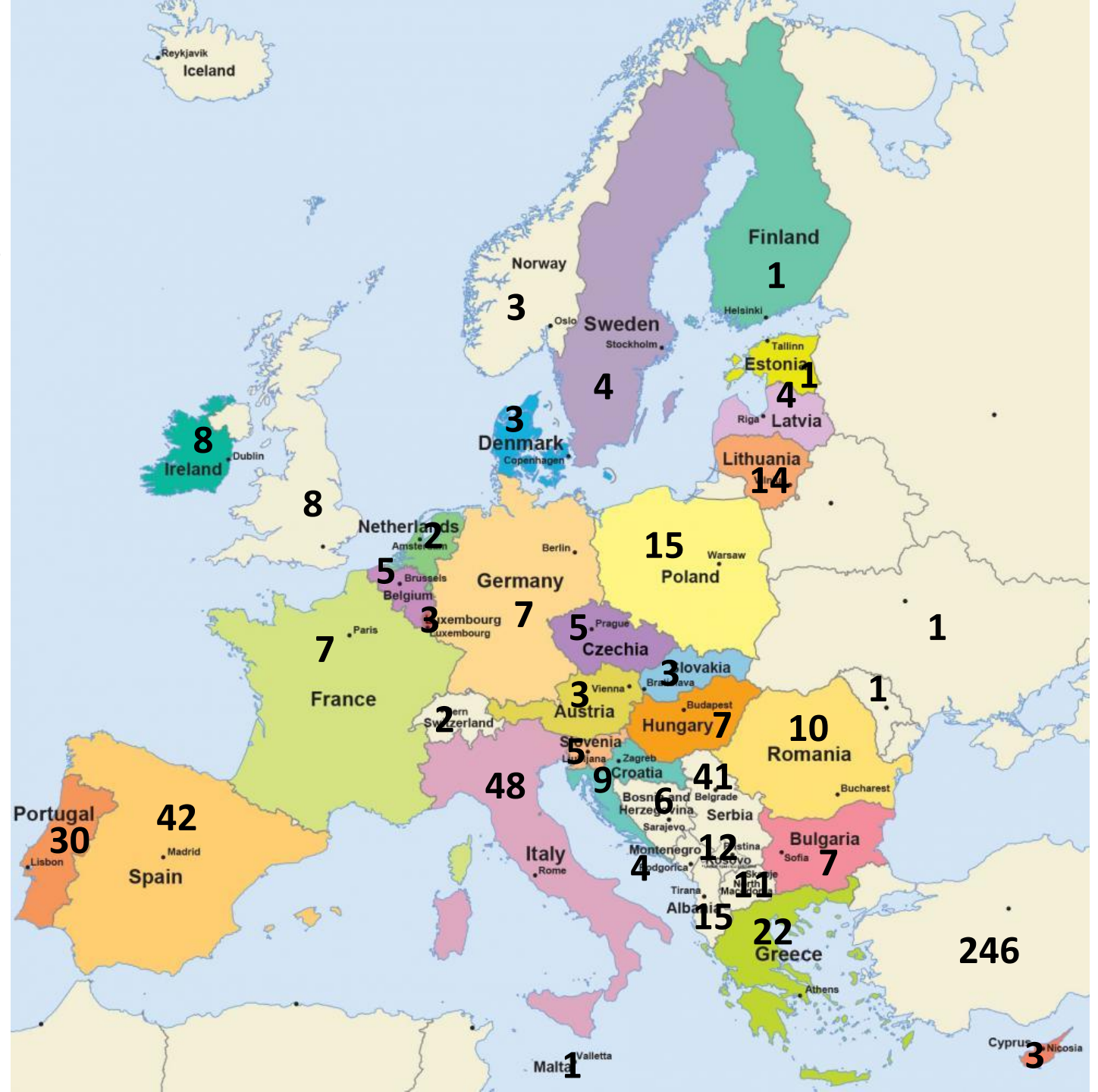
# Memberships

**WG 1 members: 355!!!!**

**38 European Countries**

+

- |                 |                  |
|-----------------|------------------|
| Israel (3)      | India (1)        |
| Egypt (2)       | Tunisia (5)      |
| Armenia (2)     | USA (2)          |
| Algeria (1)     | China (2)        |
| New Zealand (1) | Iran (1)         |
| Azerbaijan (3)  | Australia (10)   |
| Pakistan (1)    | Kenya (1)        |
| Brazil (1)      | South Africa (2) |
| Morocco (3)     | Jordan (1)       |
| Colombia (1)    | Sri Lanka (1)    |





# WG1 tasks

## Prevention of Food Loss

- Understand and identify food loss from the farm to the retailer
- Perform farmer/handler surveys across European and Med countries
- Identify opportunities for sustainable quality /safety-related practices
- Develop information sharing /training programs to enhance knowledge of farmers on food loss prevention



# WG1 tasks



## Prevention of Food Waste

- Understand and identify food waste
- Perform consumer surveys across European and Med countries
- Identify opportunities for sustainable practices
- Encourage selling and consumption of F&Vs with cosmetic or physical irregularities
- Establish links with consumers





# WG1 Deliverables

- ① **WG1 D1.1.** Analysis and synthesis of state of the art of main problems causing Food loss and waste in the country of each participant
- ① **WG1 D1.2.** White paper addressed to Action members and stakeholders, about Food loss and waste impacts, including future perspectives
- ① **WG1 D1.3.** Handbook, with guidelines on how to prevent Food loss and waste in English and in several (at least 10) other national languages
- ① **WG1 D1.4.** Review paper on the prevention of Food loss and waste

# WG1 Activities during 2024-25

## TRAINING SCHOOL IN THESSALONIKI

Joint action with WG2



Prevention and management of pre and postharvest diseases  
of fresh fruit and vegetables

22-24 May 2025, Thessaloniki, Greece



ARISTOTLE  
UNIVERSITY OF  
THESSALONIKI

### Prevention and management of pre and postharvest diseases of fresh fruit and vegetable

#### Aims

- transfer of knowledge on the modern methods used to prevent and manage pre- and postharvest diseases of fresh fruit and vegetables
- build capacity in the field
- develop the next generation of plant protection specialists

# WG1 Activities during 2024-25

# Training School Program

## Program draft

Thursday 22/5/24		Friday 23/5/24		Saturday 24/5/24	
08.30 - 09.00	Registration of participants	09:00- 09:45	Cultural approaches to combat diseases on grapes and kiwi fruit ( <b>Phil Elmer</b> )	09.00	Departure for the Field Trip
09.00 - 09.30	Welcome by the organizers and Introduction by COST Chair <b>Gianfranco Romanazzi</b>	09:45- 10:30	The Role of Epidemiological Insights in Integrated Disease Management of fruit: From Field to Postharvest ( <b>Larissa May de Mio</b> )	10.30	Visit to a packing house
09.30 - 10.15	Biological Control of postharvest diseases ( <b>Davide Spadaro</b> )	10:30- 11:00	<b>Coffee break</b>	14:00- 15:00	Light lunch
10.15 - 11.00	Environmental friendly strategies to control the presence of mycotoxins in food and feed ( <b>Slaven Zjalic</b> )	11:00- 11:45	Fungicide Resistance and its management as a tool to prevent food losses ( <b>George Karaoglanidis</b> )	15:00- 16:30	Return to Thessaloniki
11.00 - 11.30	<b>Coffee break</b>	11:45- 12:30	Novel biotechnological approaches to combat postharvest pathogens ( <b>Lola Fernandez Ortuno</b> )		
11.30 - 12.15	Post harvest treatments alternative to chemicals ( <b>Lluís Palou</b> )	12:30- 13.15	Regulatory aspects of new plant protection products for postharvest use ( <b>Clara Montesinos</b> )		
12:15 - 13.00	Induced Resistance to manage postharvest pathogens	13.15- 14.30	Lunch		

	<b>(Gianfranco Romanazzi)</b>				
13:00 - 14:30	<b>Lunch</b>	14:30- 16.00	Practical Exercise - Postharvest Diseases of fruit and Vegetables: Symptoms, isolation, identification		
14:30 - 15:15	Managing postharvest diseases with physical means ( <b>Alessandra Di Francesco</b> )	16:00- 16:30	<b>Coffee break</b>		
15:15 - 16:00	Fruit Physiological disorders as agents of food losses ( <b>Athanasios Molassiotis</b> )	16:30- 18.00	Practical Exercise – Fungicide resistance detection in postharvest pathogens		
16:00 - 16.30	<b>Coffee break</b>	18:00- 18:15	Concluding Remarks		
16:30 - 17:15	Field approaches to manage postharvest diseases ( <b>Antonio Ippolito</b> )				
17.15 - 18:00	Packing and packing materials to control postharvest diseases ( <b>Pervin Kinay</b> )	21.00- 23.00	Social Dinner		

# WG1 Activities during 2024-25

## Training School

- 14 trainers
- 25 trainees covered by COST
- 10 trainees on their own expenses

Call for trainees on their own expenses is still Open!

Training school "Prevention and management of pre and postharvest diseases of fresh fruit and vegetables 22-24 May 2025" in the Aristotle University of Thessaloniki, Greece.

The aim of this training school is to transfer knowledge on the modern methods used to prevent and manage pre and postharvest diseases of **fresh fruit** and **vegetables** and thus to build capacity in the field and develop the next generation of plant protection specialists. **This training school is open to participants who can secure their own funding for travel and accommodation.**

The course will be delivered in **English**. The level of proficiency of the candidates in this language will be requested during application process.

For further information: <https://www.foodwastop.eu/wp-content/uploads/2025/01/Training-School-Thessaloniki-22-24-5-25.pdf>

botryscleromoni@gmail.com [Switch account](#)



\* Indicates required question

Email \*

Record botryscleromoni@gmail.com as the email to be included with my response

Name \*

Your answer \_\_\_\_\_

Last Name \*

Your answer \_\_\_\_\_

Email \*

Your answer \_\_\_\_\_

Institution \*

Your answer \_\_\_\_\_

Country \*



# WG1 Activities during 2024-25

## Questionnaire to WG1 members

**Main aim:** Facilitate the preparation of WG1 deliverables

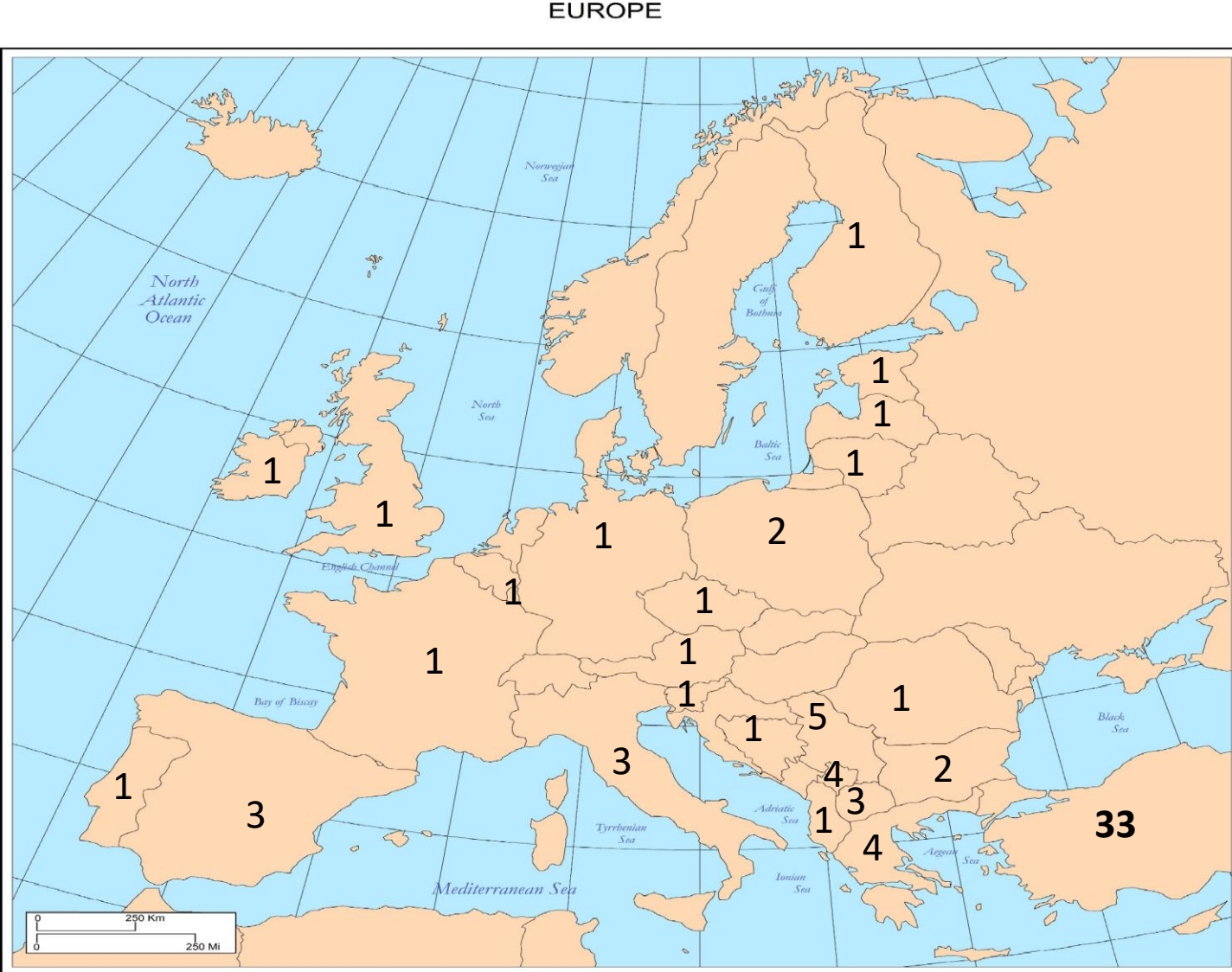
**N=85**

Algeria: 1

Azerbaijan: 2

Egypt: 1

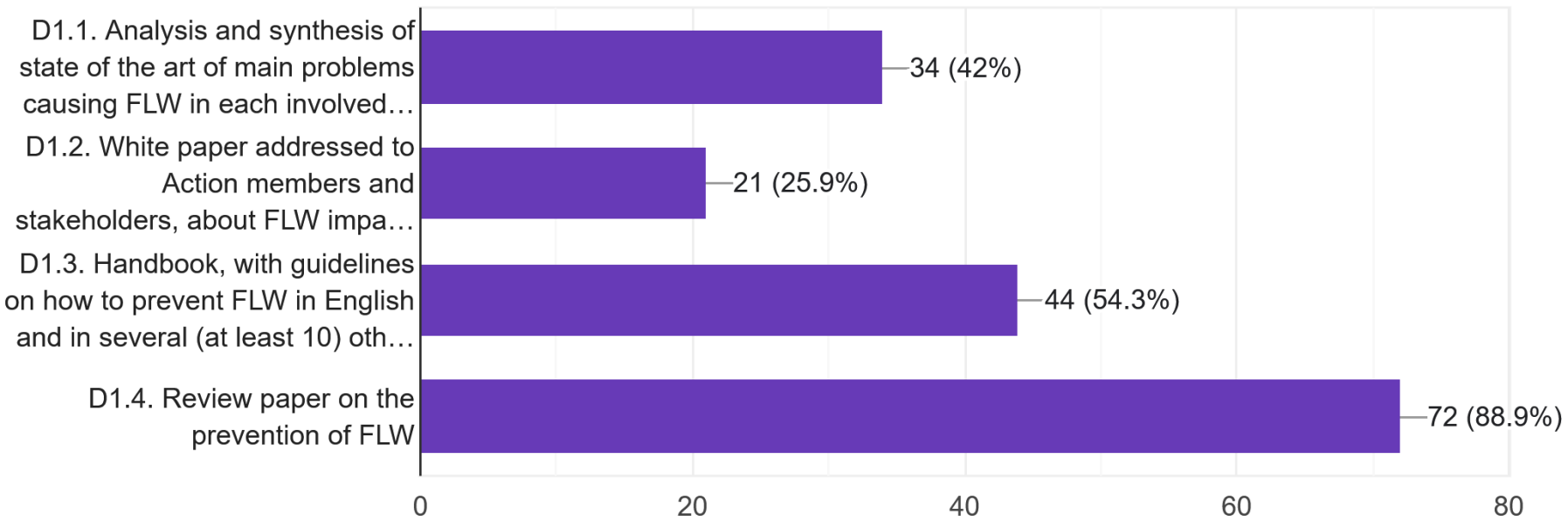
China: 1



# Answers to the Questionnaire

Which deliverable/s are you interested to take part in? (Please, feel free to select all options you feel worth )

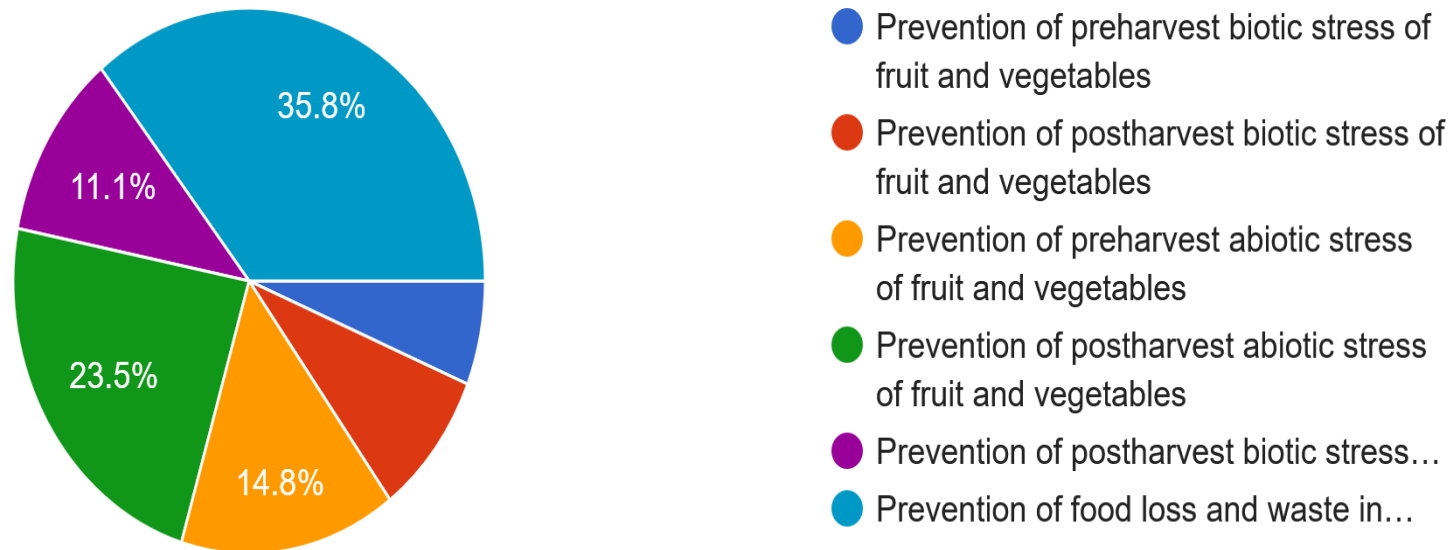
81 responses



# Answers to the Questionnaire

Which subgroup are you interested in? (Please, select just one of the following options)

81 responses

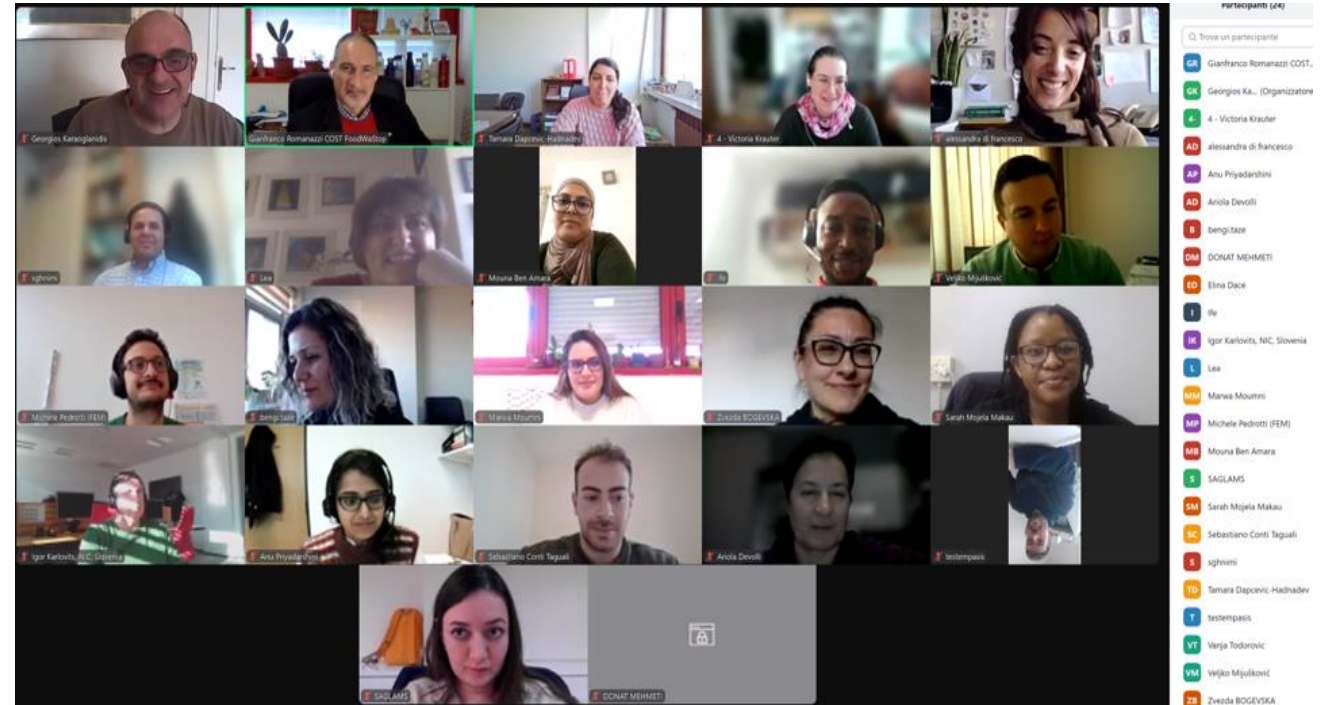


# WG1 Activities during 2024-25

Online meeting of WG1 members on 19/2/2025

## AIM

- Presentation of the answers to the questionnaire
- Discussion on the way that we will work on the preparation of the Deliverables
- Defining leaders for the preparation of the Deliverables



## **D1.1. Analysis and synthesis of state of the art of main problems causing Food loss and waste in the country of each participant**

	Name	Country		Name	Country
1	Sivashankar Krishnamoorthy	Luxembourg	17	Alessandra Di Francesco	Italy
2	Hyrije Koraqi	Kosovo	18	Vesna Rafajlovska	N Macedonia
3	Hysen Bytyqi	Kosovo	19	Selin Özge Dinç	Turkey
4	Fidanka Trajkova	N Macedonia	20	Dogan Turkyilmaz	Turkey
5	Elanur Adar Yazar	Turkey	21	Sirbu Alexandrina	Romania
6	Sebahat ÖZTEKİN	Turkey	22	Jose V. Ros-Lis	Spain
7	Djouher GAAD	Algeria	23	Derya Ozalp Unal	Turkey
8	Ariola Devolli	Albania	24	Gumru Huseynova	Azerbaijan
9	AYSE NESLIHAN DUNDAR	Turkey	25	Sukran Yayla	Turkey
10	Dilhun Keriman Arserim Uçar	Turkey	26	Arben	Kosovo
11	Dov Prusky	Israel	27	Veljko Mijušković	Serbia
12	Özge Cemali	Turkey	28	Lea Kubíčková	Czech Republic
13	Silvia Dewi Sagita Andik	Poland	<b>29</b>	<b>Tamara Dapčević Hadnađev</b>	<b>Serbia</b>
14	Maria Papageorgiou	Greece	30	Marwa Moumni	Italy
15	İbrahim Ender Künili	Turkey	31	Selin Sağlam	Turkey
<b>16</b>	<b>Erzebet Karaffa</b>	<b>Hungary</b>	32	Ana Baltazar	Portugal

## D1.2. White paper addressed to Action members and stakeholders, about Food loss and waste impacts

	Name	Country		Name	Country
1	Sivashankar Krishnamoorthy	Luxemburg	16	Esra Capanoglu	Turkey
2	Hysen Bytyqi	Kosovo	17	Veljko Mijušković	Serbia
3	Puren Veziroglu Biçer	Turkey	18	Marwa Mourni	Italy
4	Özge Cemali	Turkey	19	Selin Sağlam	Turkey
5	Ulku Dagdelen	Turkey	20	<b>Dov Prusky</b>	<b>Israel</b>
6	Maria Papageorgiou	Greece	21	<b>Lea Kubičková</b>	<b>Czech Republic</b>
7	İbrahim Ender Künili	Turkey	22		
<b>8</b>	<b>Elina Dace</b>	Latvia	23		
9	Selin Özge Dinç	Turkey	24		
10	Dogan Turkeyilmaz	Turkey	25		
11	Sirbu Alexandrina	Romania	26		
12	Jose V. Ros-Lis	Spain	27		
13	Derya Ozalp Unal	Turkey	28		
14	Sukran Yayla	Turkey	29		
15	Francisco Jiménez Jiménez	Spain	30		

## **D1.3. Handbook, with guidelines on how to prevent Food loss and waste in English and in several (at least 10) other national languages**

	Name	Country		Name	Country		Name	Country
1	Emre Hastaoğlu	Turkey	16	Vesna Rafajlovska	N Macedoni	31	M. Papageorgiou	Greece
2	Sivashankar Krishnamoorthy	Luxembourg	17	Sami GHNIMI	France	32	Nihal Guzel	Turkey
3	Oktay Yerlikaya	Turkey	18	Selin Özge Dinç	Turkey	33	Arben	Kosovo
4	Elvira Tahmazli	Azerbaijan	19	Dogan Turkyilmaz	Turkey	<b>34</b>	<b>Michele Pedrotti</b>	<b>Italy</b>
5	Hysen Bytyqi	Kosovo	20	Sirbu Alexandrina	Romania	35	ASLI AKPINAR	Turkey
6	Elanur Adar Yazar	Turkey	21	Igor Karlovits	Slovenia	36	El Sayed El Habbasha	Egypt
7	Rajeev Bhat	Estonia	22	Jose V. Ros-Lis	Spain	37	Faten M. Ibrahim	Egypt
8	Puren Veziroglu	Turkey	23	Derya Ozalp Unal	Turkey	38	Ifeoluwa Abulude	Germany
9	Irene Christoforidi	Greece	24	Guru Huseynova	Azerbaijan	39	Veljko Mijušković	Serbia
10	Djouher GAAD	Turkey	25	Zvezda Bogevska	N Macenia	40	Zhivka Goranova	Bulgaria
11	Özge Cemali	Turkey	26	Nevena Ivanović	Serbia	41	Anushree Priyadarshini	Ireland
12	Ulku Dagdelen	Turkey	27	Sukran Yayla	Turkey	42	Todorka Petrova	Bulgaria
13	İbrahim Künili	Turkey	28	Suleyman	Turkey	43	Marwa Mourni	Italy
14	Kaltrina Berisha	Kosovo	29	Aylin Küşümler	Turkey	44	Selin Sağlam	Turkey
<b>15</b>	<b>Barcin Karakas-Budak</b>	<b>Turkey</b>	<b>30</b>	<b>Edlira Shahinasi</b>	<b>Albania</b>	45	Ana Baltazar	Portugal

## D.1.4. Review paper on the prevention of Food loss and waste

### SubGroup – **Meat and Dairy products**

	Name	Country		Name	Country		Name	Country
1	Sivashankar Krishnamoorthy	Luxembourg	13	Vesna Rafajlovska	N Macedonia	25	Ana Lúcia Baltazar	Portugal
2	Oktay Yerlikaya	Turkey	14	Sami GHNIMI	France	26	Kaltrina Berisha	Kosovo
3	Emre Hastaoğlu	Turkey	15	Selin Özge Dinç	Turkey	27	Anushree Priyadarshini	Ireland
4	Elvira Tahmazli	Azerbaijan	16	Dogan Turkeyilmaz	Turkey	28	Ksawery Kuligowski	Poland
5	Hysen Bytyqi	Kosovo	17	Emel Yontar	Turkey	29	Mohsen Mokhtarian	China
6	Gülşen Betül Aktas	Turkey	18	Eda Adal Karakaya	Turkey	34		
7	Elanur Adar Yazar	Turkey	19	Nevena Ivanović	Serbia	35		
8	Rajeev Bhat	Estonia	20	Elanur ŞAHİN	Turkey	36		
<b>9</b>	<b>Ariola Devolli</b>	<b>Albania</b>	21	ASLI AKPINAR	Turkey	37		
10	Ulku Dagdelen	Turkey	22	Gizem Özlük	Turkey	38		
<b>11</b>	<b>Victoria Krauter</b>	<b>Austria</b>	23	Veljko Mijušković	Serbia	39		
12	İbrahim Künili	Turkey	24	Lea Kubíčková	Czech Republic	40		



**D.1.4. Review paper on the prevention of Food loss and waste**

**D.1.4. Review paper on the prevention of Food loss and waste**

**SubGroup – Preharvest abiotic stress on fruit and vegetables**

**SubGroup – Postharvest abiotic stress on fruit and vegetables**

	Name	Country
1	Gul Ebru Orhun	Turkey
2	Fidanka Trajkova	N Macedonia
3	Tan-Phat Huynh	Finland
4	Irene Christoforidi	Greece
5	Elina Dace	Estonia
6	Vanja Todorovic	Bulgaria
7	Jose V. Ros-Lis	Spain
8	Ersin ATAY	Turkey
9	Zvezda Bogevska	N Macedonia
10	Arben	Kosovo
11	El Sayed El Habbasha	Egypt
12	Faten M. Ibrahim	Egypt
13	Todorka Petrova	Bulgaria

	Name	Country		Name	Country
1	Hyrije Koraqi	Kosovo	14	Esra Capanoglu	Turkey
2	Puren Veziroglu Biçer	Turkey	15	Michele Pedrotti	Italy
3	Nada Cujic Nikolic	Serbia	16	Zhivka Goranova	Bulgaria
4	Dilhun Keriman Arserim Uçar	Turkey			
5	Silvia Dewi Sagita Andik	Poland			
6	Bengi Hakgüder	Turkey			
7	Semanur Yildiz	Turkey			
8	SAFFET KARAYAMAN	Turkey			
9	Francisco Artés-Hernández	Spain			
10	Gumru Huseynova	Azerbaijan			
11	Suleyman	Turkey			
12	Francisco Jiménez Jiménez	Spain			
13	Aylin Seylam Küşümler	Turkey			

**Leaders to be determined**

#### D.1.4. Review paper on the prevention of Food loss and waste

##### SubGroup – **Postharvest biotic** stress on fruit and vegetables

	Name	Country
<b>1</b>	<b>Testempasis Stefanos</b>	<b>Greece</b>
2	Oluseye Oludoye	UK
3	Sebahat ÖZTEKİN	Turkey
4	Djouher GAAD	Algeria
<b>5</b>	<b>Alessandra Di Francesco</b>	<b>Italy</b>
6	Sukran Yayla	Turkey
7	Derya Alkan	Turkey
8	Nihal Guzel	Turkey
9	Marwa Moumni	Italy
10	Selin Sağlam	Turkey
<b>11</b>	<b>Dov Prusky</b>	<b>Israel</b>
12	Gianfranco Romanazzi	Italy

#### D.1.4. Review paper on the prevention of Food loss and waste

##### SubGroup – **Preharvest biotic** stress on fruit and vegetables

	Name	Country
1	Shervin Hadian	Lithuania
2	ELİF SAVAŞ	Turkey
3	Feoluwa Abulude	Germany
4	Simone Piancatelli	Italy
5	George Karaoglanidis	Greece
<b>6</b>	<b>Erzebet Karaffa</b>	<b>Hungary</b>

## D.1.4. Review paper on the prevention of Food loss and waste

### SubGroup – **Postharvest biotic** stress on cereals

	Name	Country
1	AYSE NESLIHAN DUNDAR	Turkey
2	Özge Cemali	Turkey
3	Maria Papageorgiou	Greece
4	Anita Lalić	Bosnia
5	Sirbu Alexandrina	Romania
6	Igor Karlovic	Slovenia
7	Derya Ozalp Unal	Turkey
<b>8</b>	<b>Tamara Dapčević Hadnađev</b>	<b>Serbia</b>

Thank you for your contribution!!!!

