

“Cooperation & Collaboration Network on Food Losses and Waste”

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Cooperation task leader

24 June 2022

AN INNOVATIVE COLLABORATIVE CIRCULAR FOOD SYSTEM

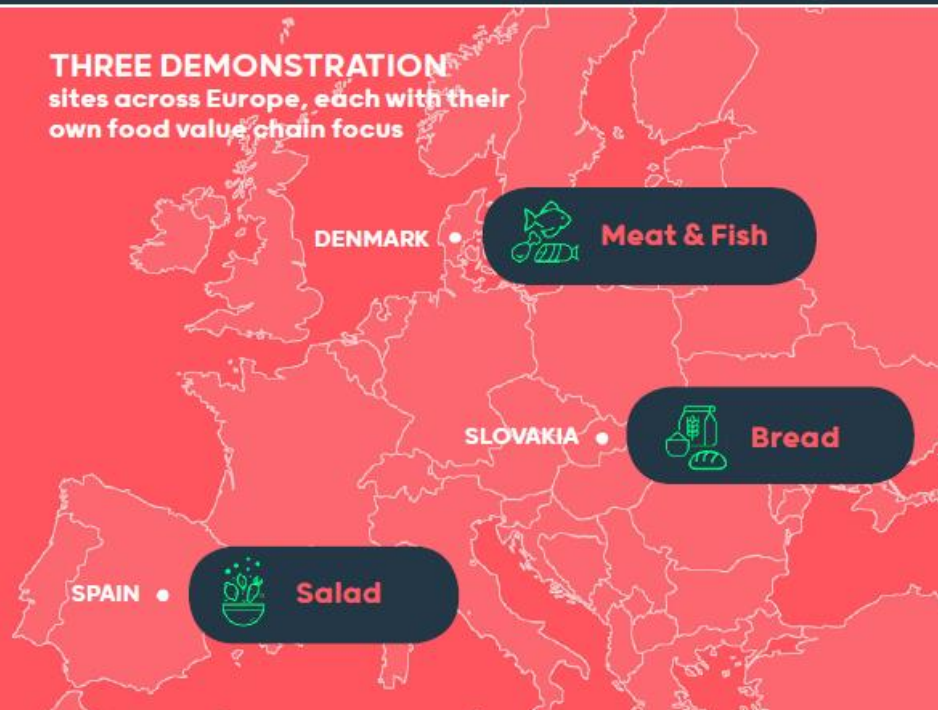
TO REDUCE FOOD WASTE AND LOSSES

IN THE AGRI- FOOD CHAIN

The FOODRUS project will develop 23 circular solutions to limit food losses and waste along the agri-food value chain



THREE DEMONSTRATION sites across Europe, each with their own food value chain focus



EXPECTED IMPACTS



13
new business
models



5%
of costs avoided



65%
reduction of water
footprint avoided



65%
carbon footprint
avoided

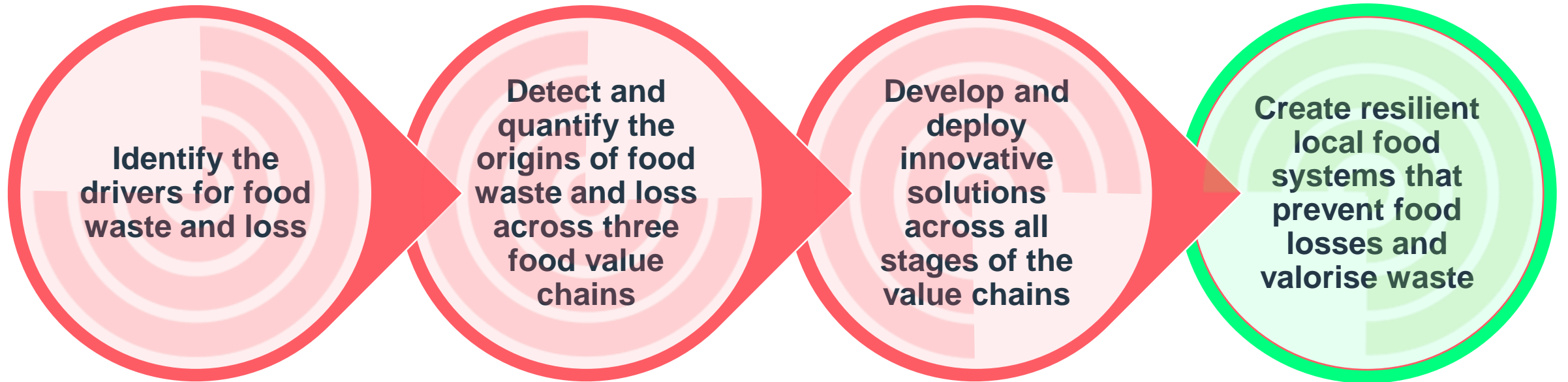


50%
reduction food losses
and waste in line with
2030 objectives



70%
participation of actors
in the entire food
value chain

Our solution



The FOODRUS project

29 partners representing educational institutions, companies, networks, industry associations and not-for-profits



8 European reference regions including coastal, industrial, urban, rural and touristic areas



23 solutions to create resilient local food systems in Europe



€6m funding from Horizon 2020 over the course of 3.5 years



Project partners



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

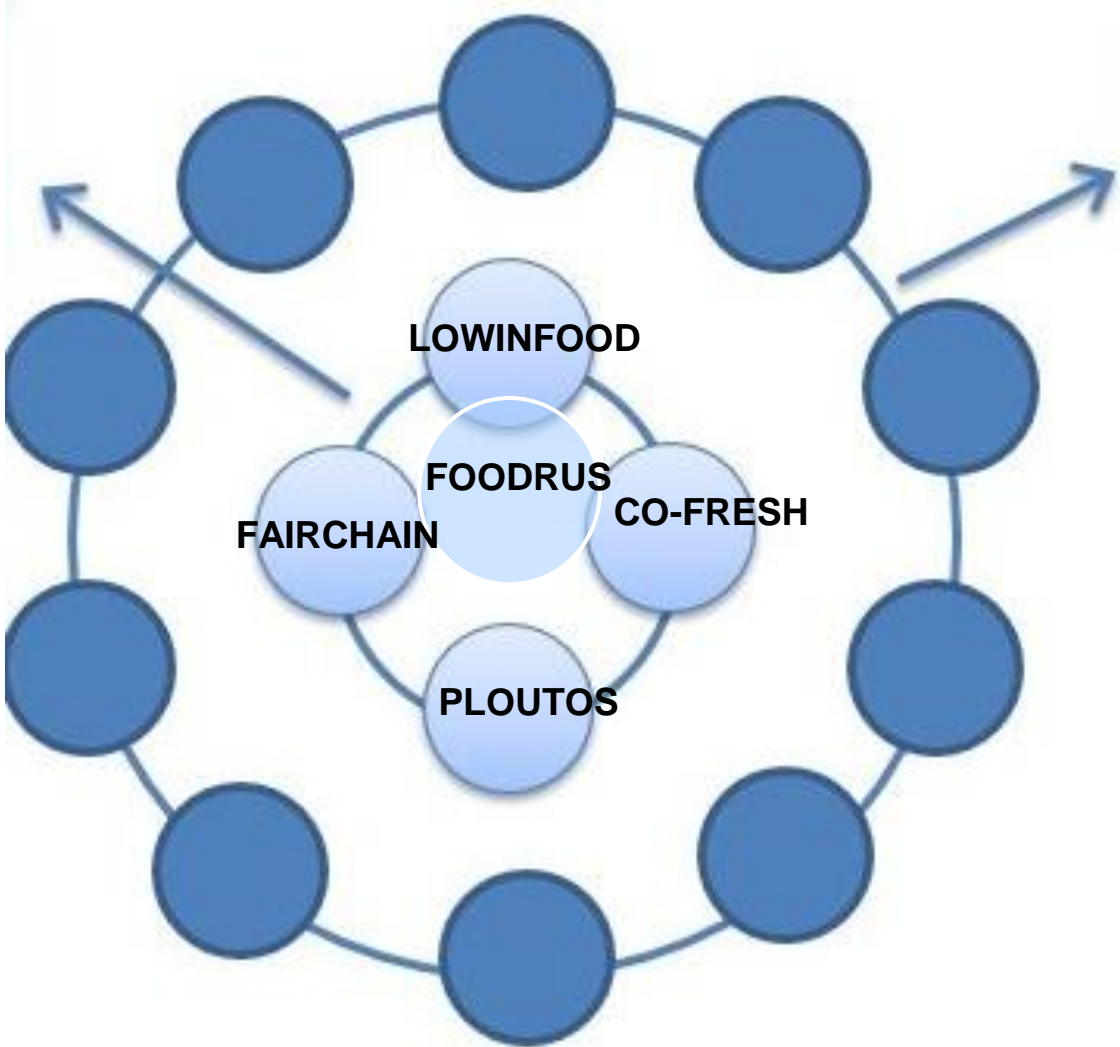
Task: Cooperation with other projects

Achieve **cooperation** with other **European projects** and initiatives which have worked or are already working in the field of **FLW** in order to build a **community of practice** to share experiences and lessons learnt and identify gaps, barriers and best practices



Cooperation & Collaboration Network on Food Losses and Waste (CCN)

Sister Projects
Cooperation Group



European Projects
in FLW

Sister projects Cooperation Group

FOODRUS has established cooperation with similar projects under topic RUR-07-2020 and RUR-06-2020 to create a networking environment within the same thematic topic with the aim to maximize the project's impact and dissemination of results, as well as facilitating knowledge exchange and identifying synergies and complementarities.

CO-FRESH

Title: CO-creating sustainable and competitive FRuits and vEgetableS' value cHains in Europe

Status: On-going

Coordinator: CNTA

Contact: [Inés Echeverría](#)



FAIRCHAIN

Title: Innovative technological, organisational and social solutions for FAIRer dairy and fruit and vegetable value CHAINS

Status: On-going

Coordinator: INRAE

Contact: [Geneviève Gésan-Guizlou](#)



147 Rue de l'Université, Île-de-France, Paris 7e Arrondissement, France

LOWINFOOD

Title: Multi-actor design of low waste food value chains through the demonstration of innovative solutions to reduce food loss and waste

Status: On-going

Coordinator: University of Tuscia

Contact: [Clara Cicatiello](#)



Via Santa Maria in Gradi 4, Lazio, Viterbo, Italy

Plutos

Title: Data-driven sustainable agri-food value chains

Status: On-going

Coordinator: GAIA EPICHEIREIN

Contact: [Nikos Marianos](#)



Plutos
H2020

These four projects and FOODRUS are commonly referred to as **SISTER projects** due to their level of close cooperation.

Regular meetings:
3-4 /year

Sister projects Working Groups

Regular meetings:
3-4 /year

N°	Working Groups	Sister projects
WG1	Selection of Good and Innovative Practices	ALL
WG1sub	Food Losses Methodologies	FOODRUS & LOWINFOOD
WG2	Co-creation Methodologies	ALL
WG3	Innovation Platform	ALL
WG4	Dissemination & Communication	ALL
WG5	Cooperation Plan & Workshops	ALL

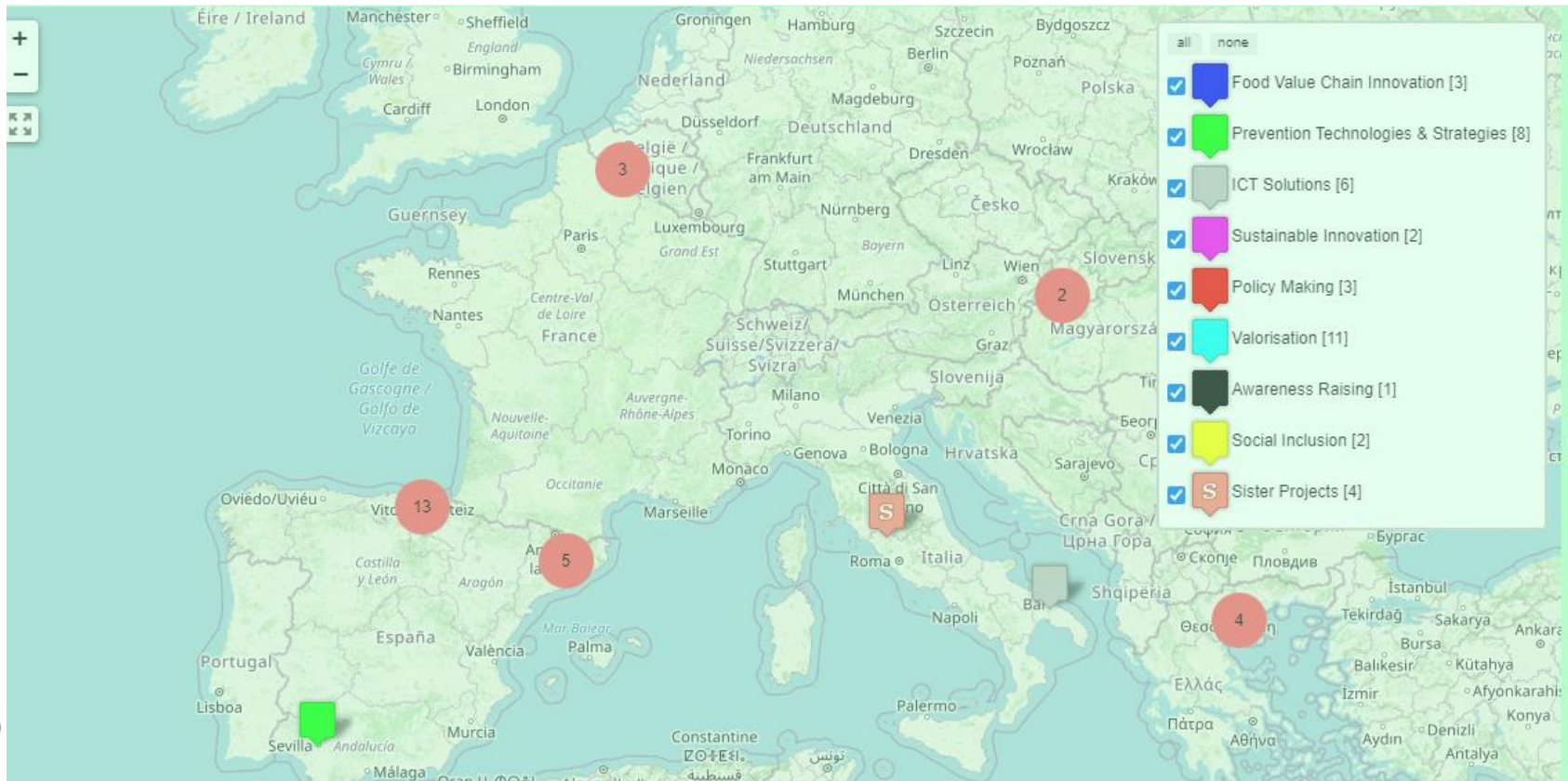
CCN Map

Beyond this, FOODRUS has built a Cooperation and Collaboration Network (CCN) with 30 other projects and initiatives which have worked on, or are currently working in the field of food losses and food waste.

With these projects FOODRUS aims to develop thematic discussions on tools and approaches for food loss and food waste prevention. Through these dedicated working groups project partners from the involved projects share experiences and lessons learnt and identify gaps and barriers as well as best practices for the transition towards a more sustainable food system.

The CCN members that collaborate with FOODRUS are displayed in the map and grid below.

<https://www.foodrus.eu/cooperation/>



34
members

CCN projects


agroBRIDGES

Title: Building bridges between consumers and producers by supporting short food supply chains through a systemic, holistic, multi-actor approach based Toolbox

Status: On-going

Coordinator: Q-PLAN INTERNATIONAL ADVISORS PC

Contact: Eirini Efthymiadou




BREWERY

Title: New Strategies for Improving the Sustainability of Breweries: Full Waste Recovery for Aquaculture Feed

Status: On-going

Coordinator: AZTI

Contact: David San Martin




CEMIS

Title: Pilot demonstration model for circular economy

Status: On-going

Coordinator: MAGISTERIUM Ltd

Contact: Tsvetomir Kalchev




GISWASTE

Title: GIS based decision making tool for food by-products valorisation alternatives in the Basque Country

Status: Ended

Coordinator: AZTI

Contact: David San Martin




HORTIMED

Title: Towards circular horticulture: Closing the loop on Mediterranean greenhouses

Status: On-going

Coordinator: INKOA SISTEMAS, S.L

Contact: Nora Ibañez




LOWINFOOD

Title: Multi-actor design of low waste food value chains through the demonstration of innovative solutions to reduce food loss and waste

Status: On-going

Coordinator: University of Tuscia

Contact: Clara Cicatiello



Via Santa Maria in Gradi 4, Lazio, Viterbo, Italy

SIRCLES

Title: Supporting Circular Economy Opportunities for Employment and Social Inclusion

Status: On-going

Coordinator: Agència de Residus de Catalunya

Contact: Frederic Gallo




SISTERS

Title: Systemic Innovations for a Sustainable reduction of the European food waste

Status: On-going

Coordinator: Fundació AITIP

Contact: Carolina Peñalva Lapuente



STREFOWA

Title: Strategies to Reduce Food Waste in Central Europe

Status: Ended

Coordinator: University of Natural Resources and Life Sciences BOKU Vienna

Contact: Gudrun Obersteiner




Circular Agronomics

Title: Efficient Carbon, Nitrogen and Phosphorus cycling in the European Agrifood System and related up- and down-stream processes to mitigate emissions

Status: On-going

Coordinator: Institut de Recerca i Tecnologia Agroalimentàries (IRTA)

Contact: Victor Riu



CLEANFEED

Title: Prevention of vegetal waste generation and reuse for animal feed in Basque Country

Status: Ended

Coordinator: AZTI

Contact: David San Martin


CO-FRESH

Title: CO-creating sustainable and competitive "Fruits and vegetables" value chains in Europe

Status: On-going

Coordinator: CNITA

Contact: Inés Echeverría



Model2Bio

Title: Modelling tool for giving value to agri-food residual streams in bio-based industries

Status: On-going

Coordinator: CEIT

Contact: Tamara Fernández Arévalo



NEWFEED

Title: Turn food industry by-products into secondary feedstuffs via circular-economy schemes

Status: On-going

Coordinator: AZTI

Contact: David San Martin

ORHI

Title: Innovative solutions towards a circular economy for the agri-food sector

Status: Ended

Coordinator: SAIOLAN, S.A.

Contact: Iratxe Acha




STRENGTH2FOOD

Title: Food quality for sustainability and health

Status: On-going

Coordinator: Newcastle University

Contact: Matthew Gorton




VALORLACT

Title: Comprehensive use of the whey generated by the dairy industry

Status: Ended

Coordinator: AZTI

Contact: Marta Cebrían




WASEABI

Title: Optimal utilization of seafood side-streams through the design of new holistic process lines

Status: On-going

Coordinator: Technical University of Denmark, National Food Institute

Contact: Charlotte Jacobsen



Kongens Lyngby, Region Hovedstaden, Denmark


DECISIVE

Title: A Decentralized management Scheme for Innovative Valorization of urban bioWaste

Status: On-going

Coordinator: INRAE

Contact: Anne Trémier




ECOFEED

Title: New strategies for the coffee by-products recovery as a new raw material for animal feed

Status: On-going

Coordinator: AZTI

Contact: David San Martin



ECOWASTE 4 FOOD

Title: Supporting eco-innovation to reduce food waste and promote a better resource efficient economy

Status: Ended

Coordinator: Mediterranean Agronomic Institute of Montpellier

Contact: Jean-Paul Pellissier



2191 Route de Mende, Occitanie, Montpellier, France


Ploutos

Title: Data-driven sustainable agri-food value chains

Status: On-going

Coordinator: GAIA EPICHEIREIN

Contact: Nikos Marianos



Paradeisos Marousi, Attica, Greece


REFRESH

Title: Resource Efficient Food and dRink for the Entire Supply Chain

Status: Ended

Coordinator: Wageningen Food & Biobased Research (WUR)

Contact: Hilde Bos-Brouwers




REINWASTE

Title: Re-manufacture the food supply chain by testing INNOvative solutions for zero inorganic WASTE and Andalusian Circular Bioeconomy Strategy

Status: Ended

Coordinator: AGAPA

Contact: Rosana Garcia Collado




WASTE4THINK

Title: Moving towards life cycle thinking by integrating advanced waste management systems

Status: Ended

Coordinator: University of Deusto

Contact: Ainhoa Alonso Vicario




Wasteless

Title: Food waste prevention in the food chain

Status: On-going

Coordinator: National Food Chain Safety Office (Hungary)

Contact: Dr Gyula Kasza




ZEROW

Title: Systemic Innovations towards a Zero Food Waste Supply Chain

Status: On-going

Coordinator: INLECOM SYSTEMS

Contact: Anna George




Espigolador

Title: Food re-use in a transformative, participatory, inclusive and sustainable way to reduce food losses and waste

Status: On-going

Coordinator: Fundació Espigoladors

Contact: Raquel Diaz-Ruiz




FAIRCHAIN

Title: Innovative technological, organisational and social solutions for FAIRer dairy and fruit and vegetable value CHAINS

Status: On-going

Coordinator: INRAE

Contact: Geneviève Gésan-Guiziu



FOODRUS

Title: An innovative, collaborative and circular food system to reduce food waste and losses in agri-food chain

Status: On-going

Coordinator: University of Deusto

Contact: Ainhoa Alonso




SavingFood

Title: An innovative solution to tackle food waste through the collaborative power of ICT networks

Status: Completed

Coordinator: VILabs

Contact: Mpampis Chatzimallis




SEA2LAND

Title: Producing advanced bio-based fertilizers from fisheries wastes

Status: On-going

Coordinator: NEIKER

Contact: Miriam Pinto




ShareFood

Title: Prevenzione e gestione delle eccellenze alimentari

Status: On-going

Coordinator: Consea srl

Contact: Federico Villani



Invitation to 3 new projects:
NO-WASTE & CHORIZO (Horizon EU)
LIFE-FOSTER

How was built the CCN?

A survey was sent to 43 European projects related to FLW to collect information on the projects and identify common cooperation activities

77%
interested
to be part
of the CCN



FLW Projects Map

The objective of the Cooperation and Collaboration Network in Food Losses and Waste (CCN) is to “Achieve cooperation with other European projects which have worked or are already working in the field of Food Losses and Waste (FLW) in order to build a community of practice to share experiences and lessons learnt and identify gaps, barriers and best practices”.

The role of being a member of the CCN implies identifying common activities and implementing the joint actions needed.

Therefore, the first step is to identify the common activities among all via answering the following questions:



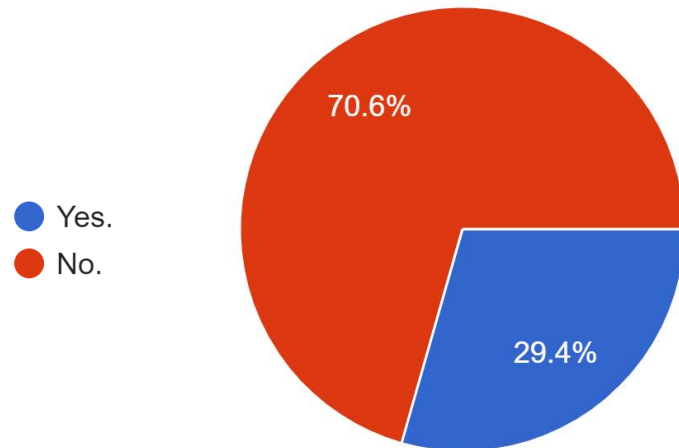
Deliverable: Cooperation Plan

Process to cooperate and collaborate with other European finished and on-going projects in the field of FLW

FLW Projects Map results

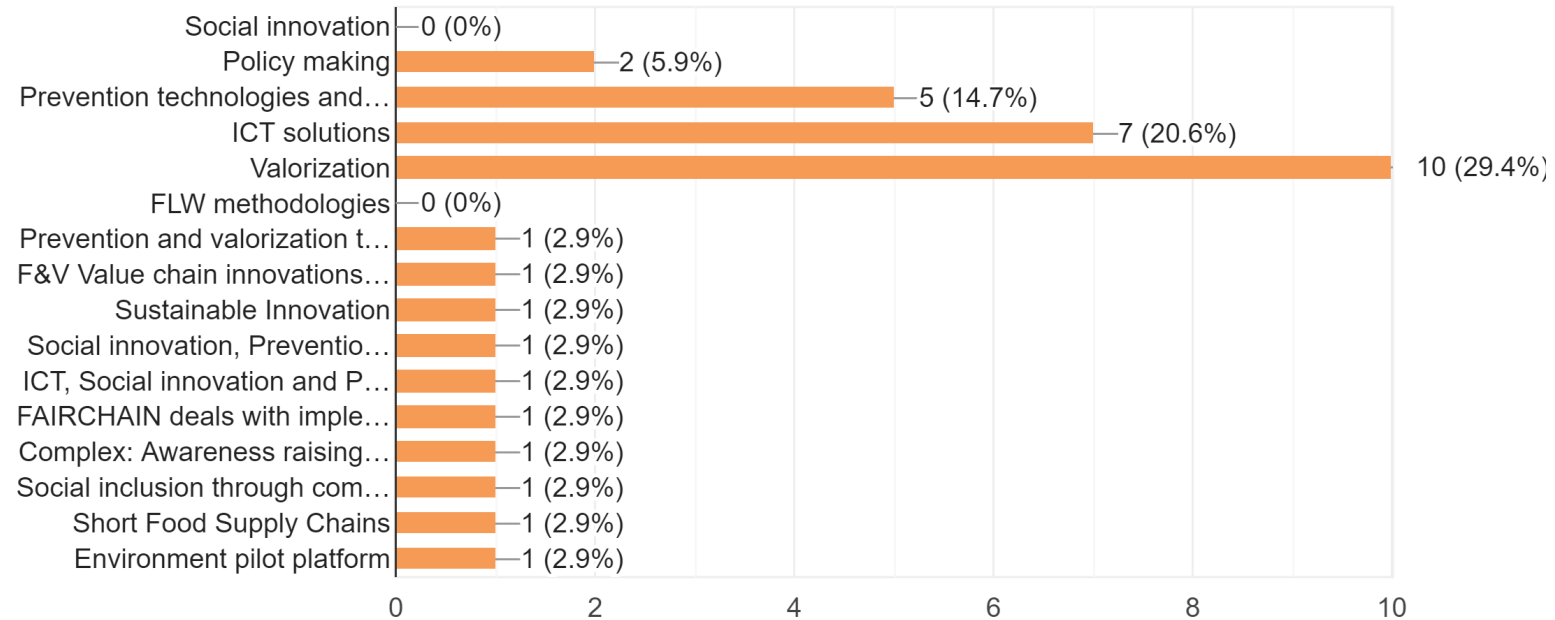
Has your project finished?

34 responses



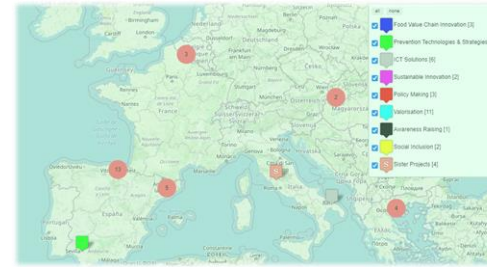
Classify your project according to the following categories:

34 responses



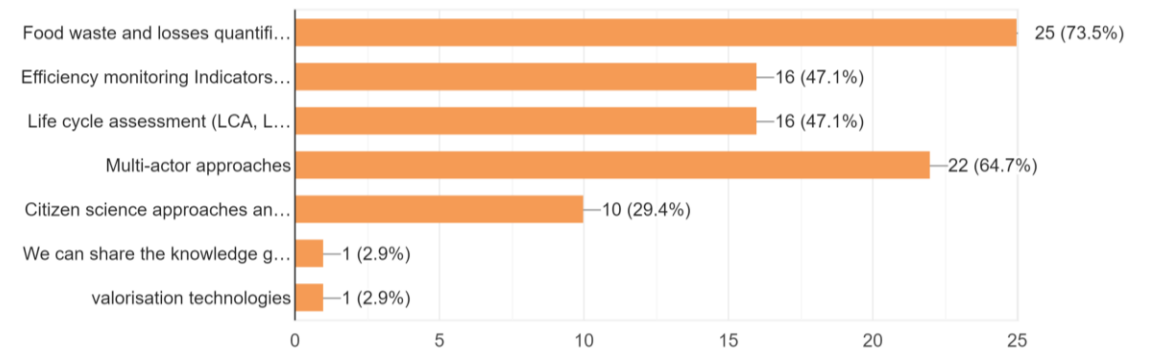
FLW Projects Map results

Build a FLW projects Map in FoodRus web page



Food Losses and Waste methodologies: Select in which methodologies would you like to cooperate with other projects:

34 responses



Identify FLW methodologies to cooperate with other projects



Dissemination and Communication activities





CCN webinar

16 Feb 22



Who?

- ✓ **Representatives of 28 CCN projects**
- ✓ **13 FoodRUs partners** involved in Cooperation activities

What?

- **Share lessons learned and best practices** from the finished projects to the ongoing projects and build on past experience.

Why?

- ❖ **Knowledge transfer and expertise learning**
- ❖ **Enhance cooperation**

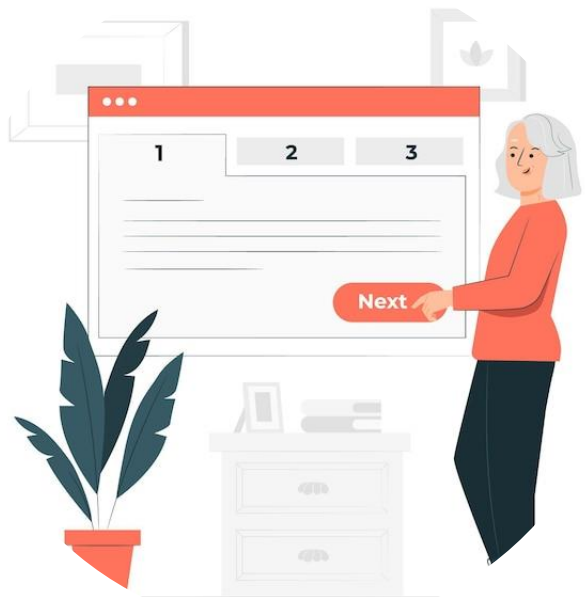
How?

Break-out session on Barriers and Best practices for FW reduction & prevention

3 Parallel thematic groups

1. **Valorization**
2. **Prevention technologies**
3. **Prevention strategies**

Next steps



1. **Key learning document**: Main barriers and best practices by the finished Projects presented at the CCN webinar
2. **Follow-up survey**: Identification of cooperation activities and complementarities between the CCN Projects



1. Conclusions report 17 March 22

Barriers detected



LEGAL	TECHNICAL	ECONOMIC and SYSTEM	BEHAVIOURAL
Policy Clarity	Time considerations	Economic and financial drivers for new products and business models	Stakeholders' continued engagement and role in solutions implementation
Policy Alignment	Technological aspects	Processes and Scale aspects	Awareness raising
Fiscal Policy		Viability of new products and adequate support to new business models	General aspects
Others		Knowledge and awareness	



1. Conclusions report 17 March 22

Lessons learnt, best practices and opportunities

Actors
Financial- Legal aspects
Time aspects
Geographical and Scale aspects
Processes (overall functioning of the proposed solutions)
Data science and digitalization
Knowledge Transfer & Awareness



“Cooperation and Collaboration Network on Food Losses and Waste” WEBINAR
SUMMARY REPORT

Cooperation team
(ELIKA, Consorcio EDER, ACR+, UD, BCC, FEBEA)
17 March 2022





2. Follow-up survey

29 April 22

12
answers



Q

&

A

What have you learned from the CCN webinar?

1 How would you like to **follow-up the discussion** at the CCN webinar?

- Discussion/ Q&A sessions about future potential collaboration
- Sharing good practices, Exchanges experiences
- Thematic workshops / dedicated sessions
- LinkedIN Community to exchange experiences
- Mutual invitation to events: workshops, seminars, conference, focused on common topics
- Exchange of researchers, students to collaborate on specific topics
- Newsletter with actual activities and changes

2 What are the **most important challenges** identified during the design and/or implementation of your project solutions?

- Stakeholder engagement
- Governmental bodies and private sector's support in testing and implementing the results for validation
- Finding actors of the food chain willing to replicate/implement the innovations
- Match the solutions/innovation with the **real needs**

3 What would you like to **ask/discuss/confront** on with the finished Projects?

At the moment, analyzing the answers to find synergies & complementarities among projects



“

*Coming together is a beginning
Staying together is a progress
Working together is a success*



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Connect with us!



@foodrus_eu



foodrus.eu



FOODRUS

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COMMUNICATION COORDINATOR

Daniel Lissoni, Greenovate! Europe

d.lissoni@greenovate-europe.eu

“



How could this EU FLW Platform subgroup contribute and collaborate with the CCN?

- ✓ **Any relevant EU Project to become a member?**
- ✓ **Any proposal of cooperation activity?**
- ✓ **.....?**