



A standard approach on defining food waste

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Scope of presentation

- Present (briefly) the approach for defining food waste developed with FUSIONS
- Feedback from the web consultation process
- Discussions



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Why do we need a definition?



*"You need to know where you are
in order to know where to go"*

A transparent harmonized methodological framework is a prerequisite for taking informed decisions aiming for waste prevention on a national or European level.



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One piece of a larger puzzle...



FUSIONS is an important part of developing resource efficient food production systems.

The scope of the FUSIONS is limited to the food supply chain

We do not consider feed production, biofuel production.



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Reference points for the work on the definition

- Short and consistent definition for clear communication
- Applicable to all types of food
- Applicable in all segments of the food supply chain
- Applicable to food supply chains at different levels; e.g. European, national, sector or single company / households
- Should support the practical work on quantification and monitoring
Ensuring data collected in same way over time
- Based on mass



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Approach for developing a framework

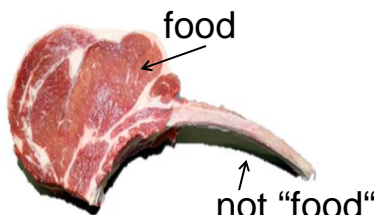



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Defining "food"
Defining "food supply chain"
Defining fractions to be monitored
Terminology

Food is *"any substance or product whether processes, partially processed or unprocessed intended to be or reasonably expected to be eaten by humans"* (EU, 2002)





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Defining "food"
Defining "food supply chain"
Defining fractions to be monitored
Terminology



Food supply chain refers to *"a connected series of activities used to produce, process, distribute food to the end consumer"*.

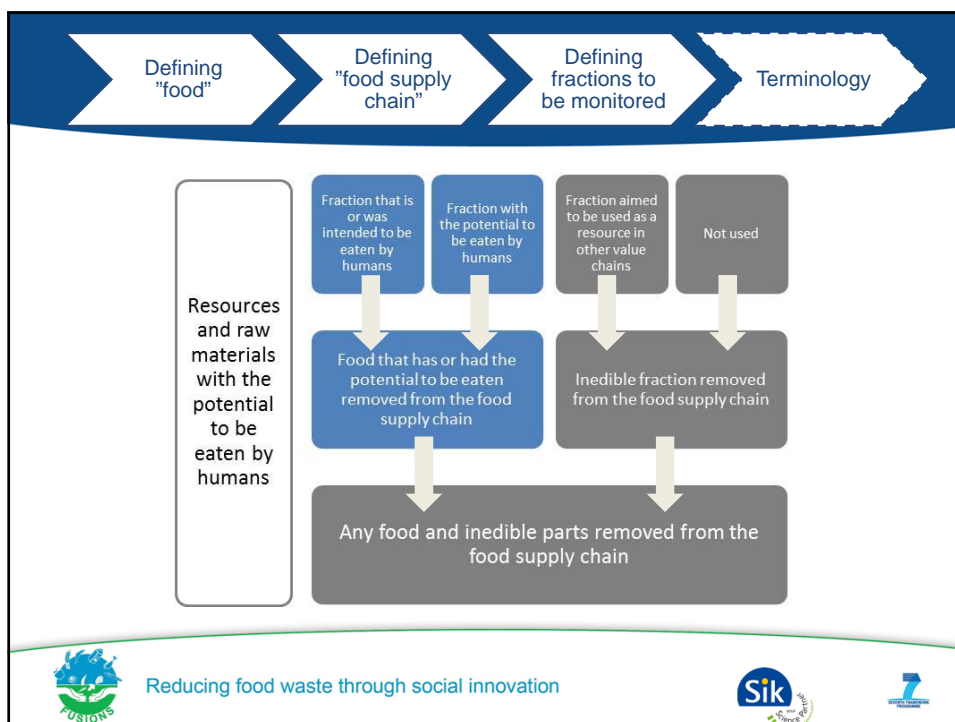
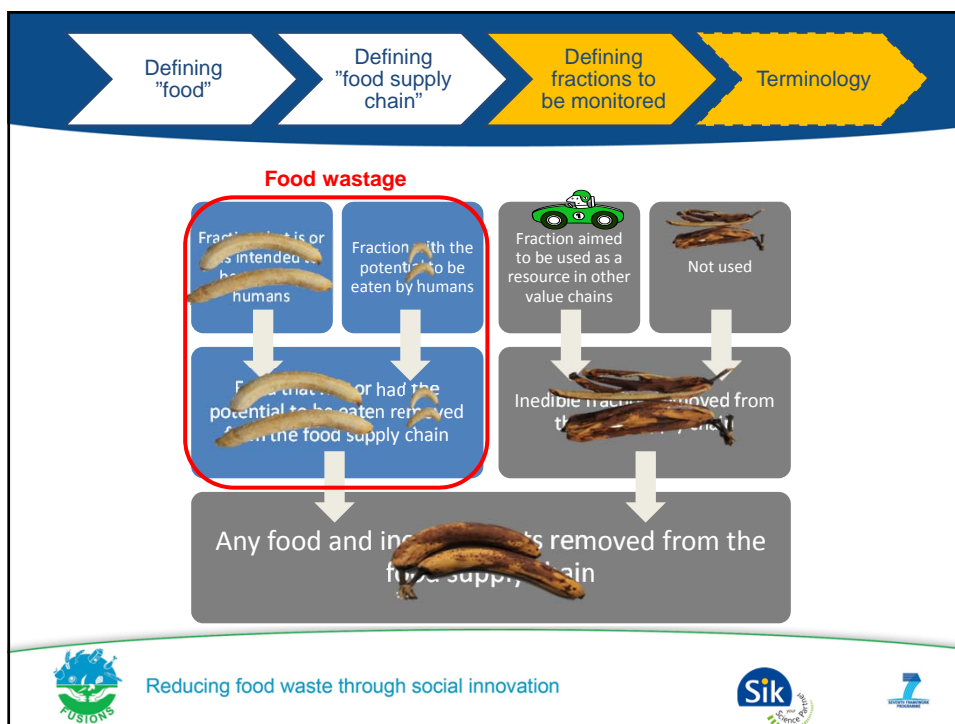
Principal starting point: When crops are mature for harvest and animals ready for slaughter

Principal endpoint: When the food is (1) eaten or consumed (2) removed from the food supply chain.



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The consultation process

- Web-based survey, 39 replies!
 - The majority in favour for the suggested approach
- ***Thank you for providing your thoughts and ideas!***
- Very valuable input!








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The consultation process

9. Please tell us your role in FUSIONS

		Response Percent	Response Count
Funder		2.7%	1
Advisory board member		8.1%	3
Partner		29.7%	11
Member of Platform		40.5%	15
Other Stakeholder		18.9%	7
answered question			37
skipped question			2



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The consultation process

10. What sector do you work in?

	Response Percent	Response Count
Academia	24.3%	9
Food industry	5.4%	2
Trade association	2.7%	1
Research / Consultancy	13.5%	5
NGO	21.6%	8
Charity	2.7%	1
Government	18.9%	7
Other	10.8%	4
Other (please specify)		5
answered question		37
skipped question		2

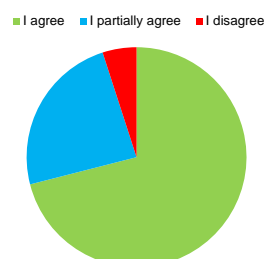


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The web-based consultation

- ***Do you agree with the suggested definition of "food"?***
- What to clarify?
 - Drinks included
 - Emphasize decision points



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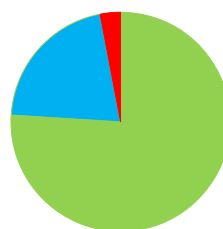
The web-based consultation

- ***Do you agree with the suggested definition of "food supply chain"?***

- What to clarify?

- Consumption is included
- Hunting/collecting "wild" food included

■ I agree ■ I partially agree ■ I disagree



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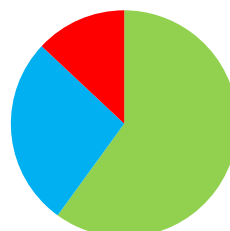
The web-based consultation

- Do you agree with the suggested definition of "food wastage"?

- What to clarify?

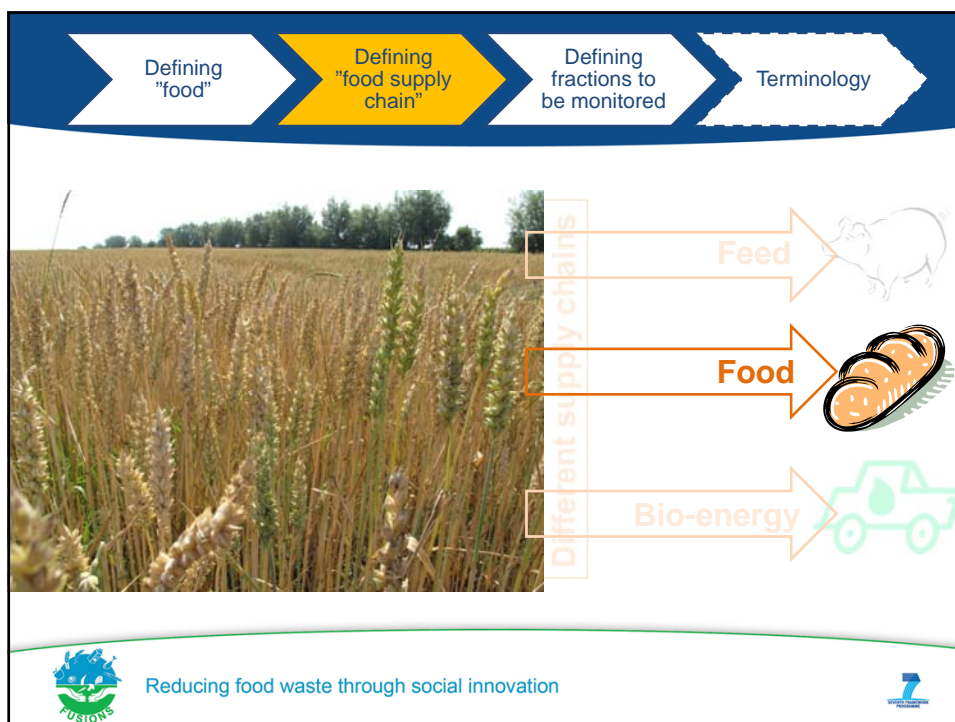
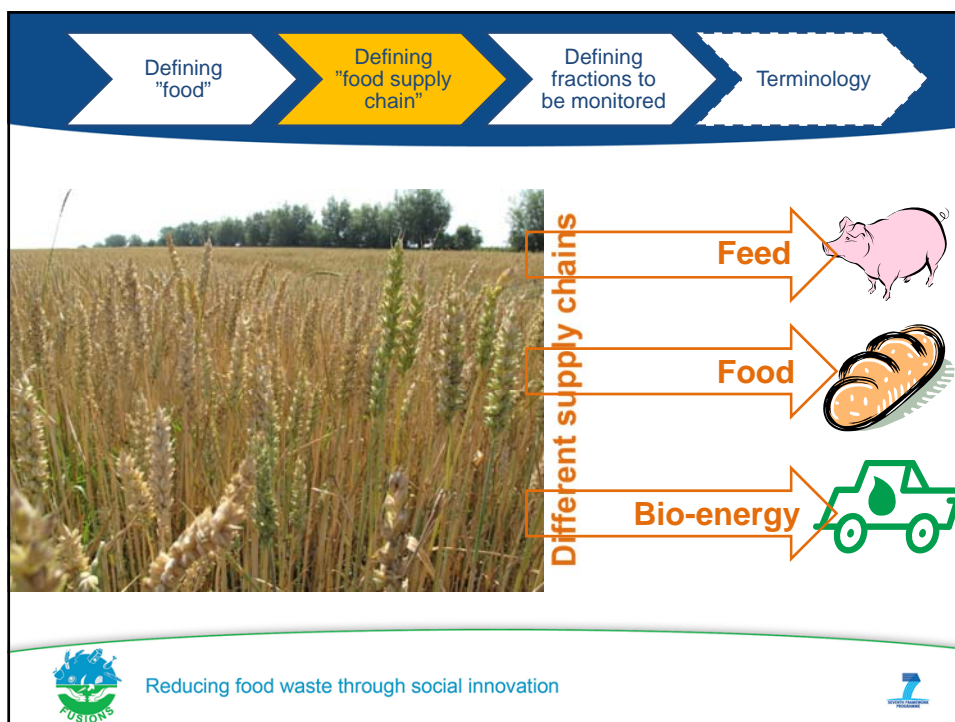
- The scope is the food supply chain
 - Not feed, bio-energy etc.
- Why not avoidable/unavoidable?
- "Has or had" in the definition

■ I agree ■ I partially agree ■ I disagree



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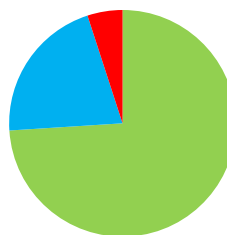




The web-based consultation

- Do you agree to the use of the terminology "food wastage"?
- What to clarify?
 - Why add another term
 - How to translate

■ I agree ■ I partially agree ■ I disagree

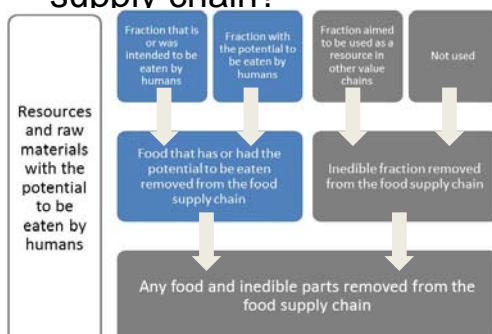


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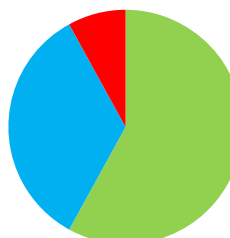


The web-based consultation

- Do you think the picture adequately describes all fractions of wasted resources, leaving the food supply chain?



■ I agree ■ I partially agree ■ I disagree



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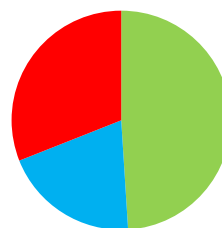
The web-based consultation

- ...food fractions used as animal feed are classified as food wastage. Do you agree with this?

- What to clarify?

- Feed = food wastage
 - From food supply chain (yes)
 - From other value chains (no)
- Feed good choice for waste handling

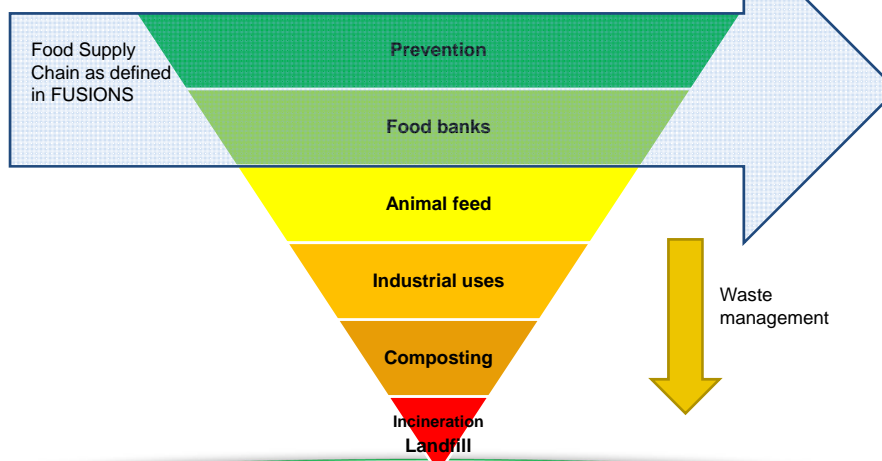
■ I agree ■ I partially agree ■ I disagree



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FUSIONS and resource efficiency



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In conclusion....

Based on the result of the survey:

- Keep the approach as suggested together with the improvements and clarifications explained
- Exemplify the approach by decision tree(s)
- Be very clear how it relates to the food resources hierarchy



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Illustrative examples are needed...

- One/several decision tree(s) needed!
- *What types of «wastes» illustrate tricky areas of the definitional framework, challenge us!*
- Make your suggestions today!



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Questions

Thank you for your attention!

Questions?



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