

#### **FUSIONS** aim

- documentation for the existing knowledge base
- baseline assessment
  - impacts of food waste on health and nutrition
  - socio-economic impacts of food waste
  - social impacts from food redistribution organisations, such as food banks
  - environmental impacts of food waste
- Test a common methodology for food waste along the entire value chain in Europe



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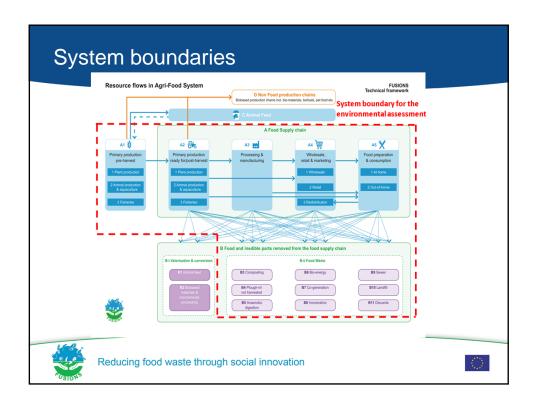
## Goal and scope

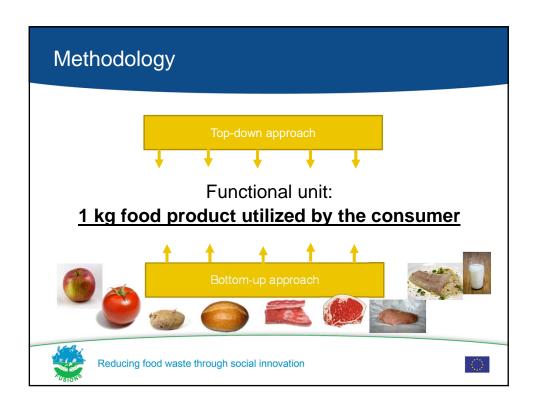
- · to go beyond existing studies
- to enable testing and comparison of different approaches (e.g. bottom up and top down)
- to consider information gathered in other tasks of FUSIONS
- · to be reproducible, expandable and adaptable
- · to be as simple as possible and detailed as necessary
- · to enable the work with existing data from literature whenever possible
- to identify data gaps and data uncertainty which have to be improved in the future for more precise results

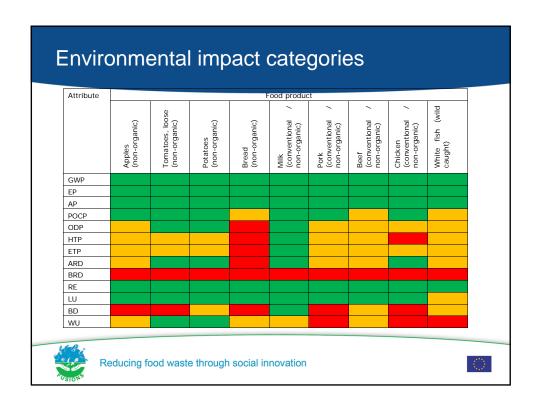


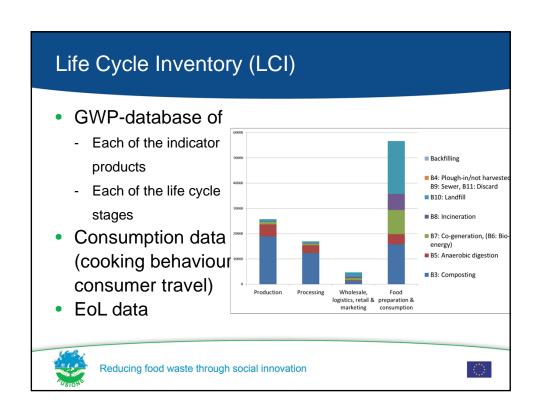
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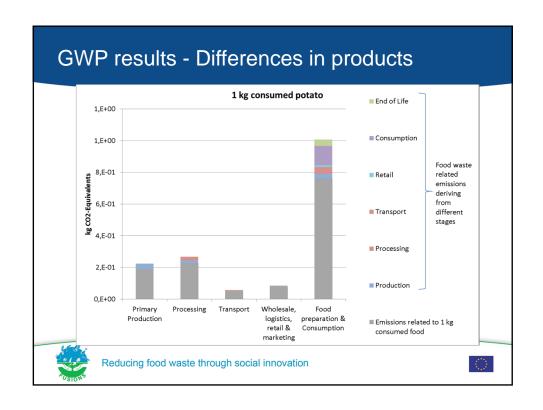


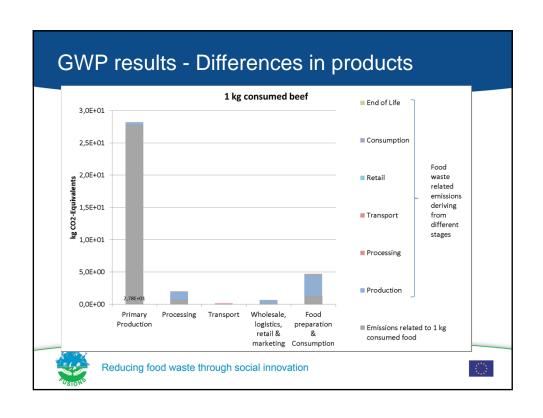


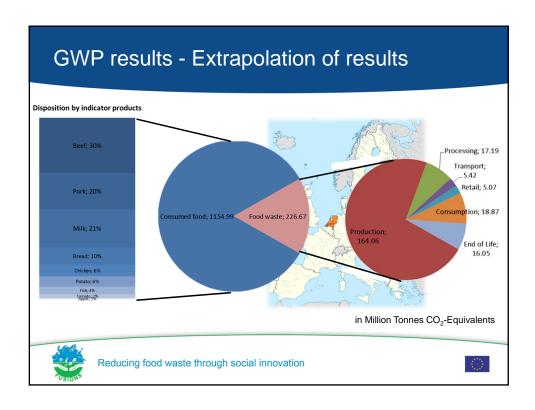












# Conclusions

- Approximated assessment of food waste based on FUSIONS data set
- A top-down approach appears to offer a rapid way of approximating the GWP
- A bottom-up approach can give valuable background information for setting detailed and specified waste prevention strategies and also predict the possible effect of such strategies



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### Requirements

- Deepened knowledge about food waste amounts on product level (at least on product category level)
- Regular and more detailed data sets (national statistics)
- Inclusion of food waste valorisation
- A deeper understanding of the EoL step of the supply chain (data gaps)
- Harmonization of methodologies (also in regard to economic assessment)





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## Results are published within

- FUSIONS Report:
- "Criteria for and baseline assessment of environmental and socio-economic impacts"
- November, 2015
- ISBN: 978-3-900932-32-9
- Download at
- http://www.eu-fusions.org/index.php/publications



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