Food Chain Action for Reduction of Food Waste & Improved Valorisation In The Netherlands

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No More Food to Waste Fusions European Platform Meeting Brussels, 18 May 2016





Dutch Federation of **Agriculture** and Horticulture



Federation of the Dutch Food and Grocery **Industry**



Dutch Food Retail Association

VENECA Vereniging Nederlandse Cateringorganisaties

Association of Dutch **Catering** Organizations



Royal Dutch **Hospitality** Association

Objectives

- Accelerate and scale up sustainability in the agri food chain
- Sustainable production and distribution major raw materials and end products
- Raise the bar/next level across all major Dutch supply chains



Sustainability – 9 fields of work



Fair Trading



Working conditions







Animal Welfare





Water



Emissions



Biodiversity



Focus on:

- Meat
- Fruits & Vegetables



Reducing food waste – Valorisation & resource efficiency

Transparency and communications



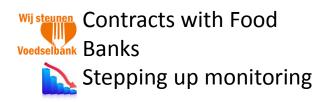
How

- Partnership and common agenda with Ministry of Economic Affairs
- Best practices, tools, standards
- Research, monitoring
- Stakeholder dialogue
- Website <u>www.DuurzamerEten.nl</u>
- Private sector takes the lead, self regulation
- Government stimulates



Reducing food waste

- 2009-2013 Awareness
- 2014: Year against food waste
- 2016 Acceleration initiatives and projects





Types of Projects

Scientific/fundamental

Industrial/Applied

REFRESH

Resource Efficient Food and Drink for the Entire Supply Chain

NUTRITION TIFN RE001 & 002

Valorisation of raw materials and process efficiency &

Reduction of spoilage of fresh and chilled products

CARVE

Across Supply Chain Action
Program Reduction of Food
Waste, Improved
Valorisation & Resource
Efficiency



Conceptual, theoretical framework Library and Toolbox

Knowledge valorisation

Lessons Learned
Practical Modelling
Simulation Environment
Working with the Network

Reducing Food Waste

Project research and innovation

- CARVE Chain Action program
- 4 Pilots in various supply chains in 2015:
 - reduction and optimising Cheese: focus on measuring waste
 - optimising returned Bread in the bakery chain, crumb, biscuits
- consumer food waste behaviour in relation to the method of preservation
 - **Vegetables**
 - better ordering and logistics systems in the **Dairy** chain
- New pilots to come in primary and hospitality sector



Reducing Food Waste

- 4 year project just started
- Developing control knobs (big and small)
- Toolbox and dynamic dashboard for optimalisation
- Interim results are pending
 - Partly first mover confidentiality
- More and more companies in pilots