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FOOD WASTE QUANTIFICATION

Food waste quantification : a need and a goal

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Different observations - one problem

- French ministry of agriculture : > 10 Mt a year in France
- FAO : 1,3 Gt a year in the world
- European Commission : 190 kg a year by inhabitant all along the food chain
- French ADEME : 20 kg a year by inhabitant
- WRAP : 4,2 Mt a year in UK
- ...





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Policies to reduce food waste : the French example

French national pact against food waste

- Beginning of work in december 2012
- Signature on 14th june, 2013
- 32 signatories in 2015
- **Long term goal : dividing by two food waste by 2025**
- 6 working groups :
 - evaluation of the actions, indicators definition
 - technical and logistics means
 - awareness, training, education
 - links between stakeholders
 - institutional catering
 - legal, regulatory, contractual measures





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Policies to reduce food waste : the French example

The 11 pledges of the pact

- a rallying sign
- a national day to fight against food waste, an « anti-gaspi » prize
- trainings in agricultural, hotel and catering schools
- clauses about food waste in public sector markets of institutional catering
- better knowledge of legal framework during food donation
- to insert fight against food waste in waste prevention programmes
- to include food waste in Corporate social responsibility of companies
- to replace « DLUO » by « à consommer de préférence avant... » on product labels
- a marketing campaign to fight against food waste
- a new version of the dedicated website : www.gaspillagealimentaire.fr
- a one year experiment of citizens food donation on a website platform





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Policies to reduce food waste : the French example

Signatories pledges

- producers
- markets
- food industry
- retail
- catering
- authorities





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Policies to reduce food waste : the parliamentary mission

Construction

- 6 months mission
- hearing of all the stakeholders
- coworking with the competent authorities :
 - DGAL
 - DGPR
 - CGAAER
 - CGEDD
- submission of the report on 14th april, 2015





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Policies to reduce food waste : the parliamentary mission

36 proposals for a public policy

→ **Make every actor of the food chain aware of his responsibilities** : tools to reduce food waste, from the producer to the consumer

→ **Tools for a public policy against food waste** : keys to make the national process evolve to carry out the reducing policies and ease local initiatives

→ **To a new development model** : development, from the local scale to the international, of a new paradigm aiming at building a constant will of reducing food waste, all along the food chain





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Policies to reduce food waste : the parliamentary mission

Main issues

→ **Prioritization of reducing actions** : prevention / food valorization / feed valorization / industrial valorization / energy valorization / methanation / waste

→ **Retail sector** : prohibition of the disposal of edible food / compulsory partnership with any association asking / prohibition of food denaturation

→ **Consumption dates ('use-by' date – date of minimum durability)** : improvement of consumer's knowledge / relevance of the choice of date / catering sector information





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Policies to reduce food waste : the parliamentary mission

Main issues

- **Production sector tools** : clarification of gleaning conditions / work on tax exemptions with food donations
- **Creation of a dedicated agency** : governance missions / quantification / communication
- **Local strategies** : local assemblies and schedules against food waste / enhancing of call for projects / european coordination





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Quantification is obviously needed...

...but has to be built !





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Food waste quantification : a goal

A clear definition

→ Importance of the issues taken into account

→ Issues to be shared with a consensus

if not → Comparable issues between different definitions

→ Better knowledge

→ Better comprehension

→ Better communication

→ Better effectiveness





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Food waste quantification : a goal

Lack of knowledge

- International level
 - National level
 - Along each step of the food chain
 - Depending upon the type of food and the stage of production / transformation
-
- Better knowledge of the consequences (environmental ones)
 - Better comprehension of the consequences (financial ones)
 - Better communication
 - Better effectiveness





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Food waste quantification : a goal

New french study

- Definition
- Enquiries all along the food chain
- Quantification through different points of view :
 - quantity of food
 - environmental consequences
 - financial consequences
 - ...
- Interactions between the different steps and actors
- Different causes and consequences





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Thank you for your attention

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