



COLLABORATIVE ACTIONS AGAINST FOOD WASTE IN CATALONIA

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Catalan Waste Agency

FUSIONS European Platform Meeting

No More Food to Waste

Brussels, 19 May 2016

1. The Catalan Waste Agency
2. The Diagnosis of Food Waste in Catalonia
3. Actions in Catalonia
 - Communication campaign
 - Education / Capacity building / Awareness raising
 - Support to pilot projects
4. The future

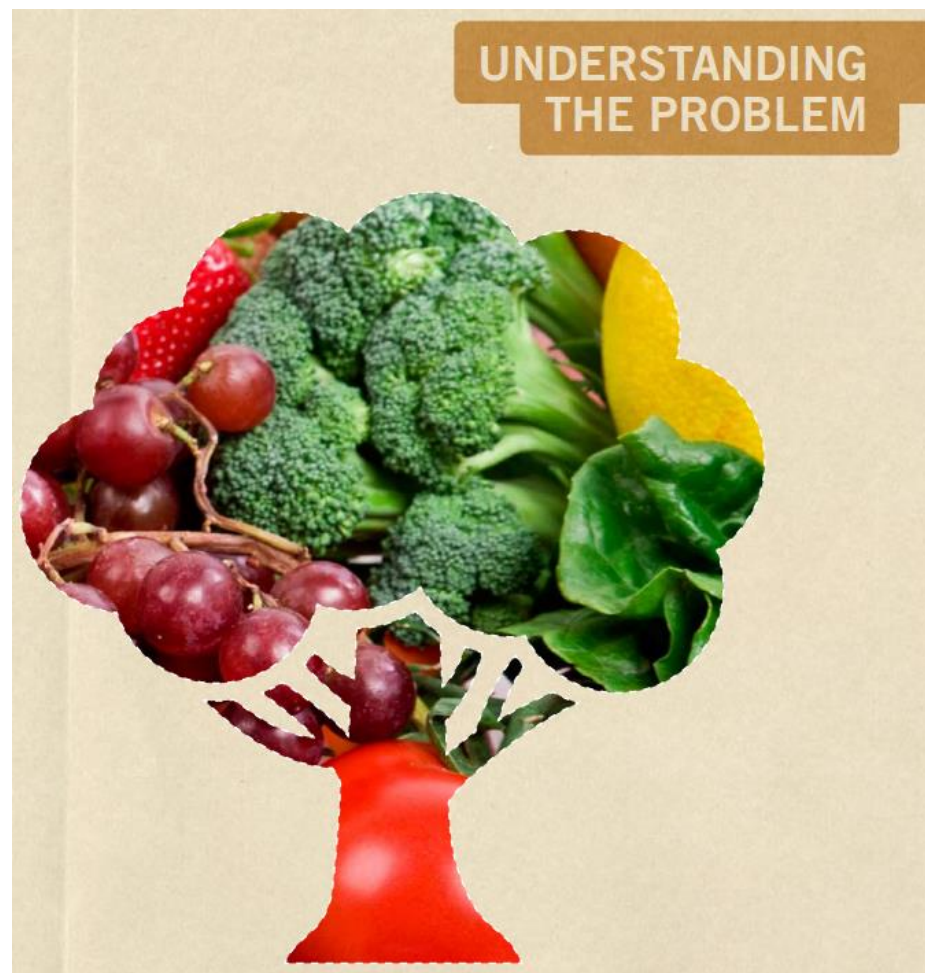
Food should
never go to waste



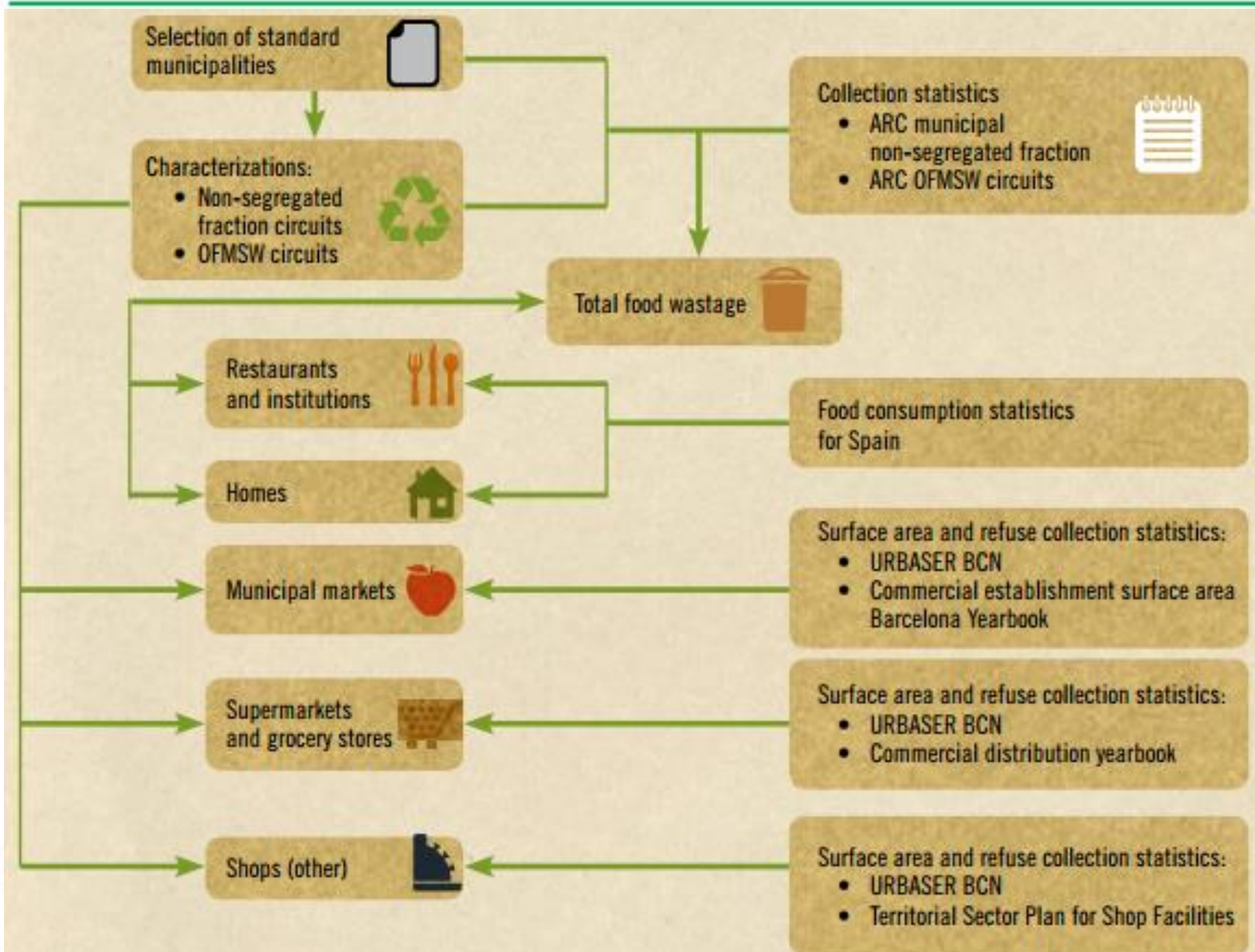
- The **Catalan Waste Agency** (ARC) is a **public company** within the Ministry of Territory and Sustainability of the Government of Catalonia.
- **Catalonia has many delegated environmental competences**, like **waste planning, management, inspection**, etc..
- **The ARC is responsible for the waste generated in Catalonia and for those who manage waste within Catalonia.** It deals with waste of the following types: **industrial waste, municipal waste (MSW), construction and demolition waste**, waste from **agriculture** and **livestock, sanitary waste** and **soil recovery**.
- **190 people** working for a better waste and resources prevention and management in Catalonia

The Diagnosis of Food Waste in Catalonia (2010)*

** Waste from wholesale
distribution, the agrifood industry or
the primary sector not considered
in the study*



Information collection procedure and source of data





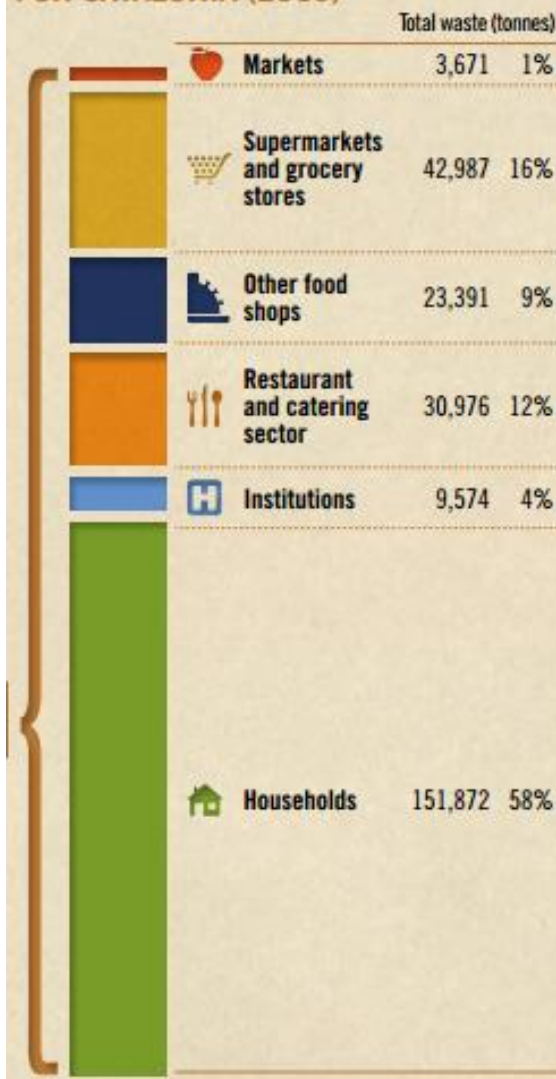
How much food goes to waste in Catalonia?



**262,471 TONNES OF
FOOD WASTAGE**

**34.9 KG PER PERSON
PER YEAR**

FOOD WASTAGE FIGURES FOR CATALONIA (2010)



What is the impact of food wastage?



**ECONOMIC LOSS
IN WASTE:
€112 PER PERSON
(2010)**

- Total economic loss: **841 M€** in Catalonia (2012)
- Ecological footprint: **234.022 hectares** or 20% of the total agricultural land in Catalonia
- Greenhouse gas emissions: **520.700 tonnes of CO2 eq** in 2010 (equivalent of emissions from 20.300 motor vehicles throughout their working life)

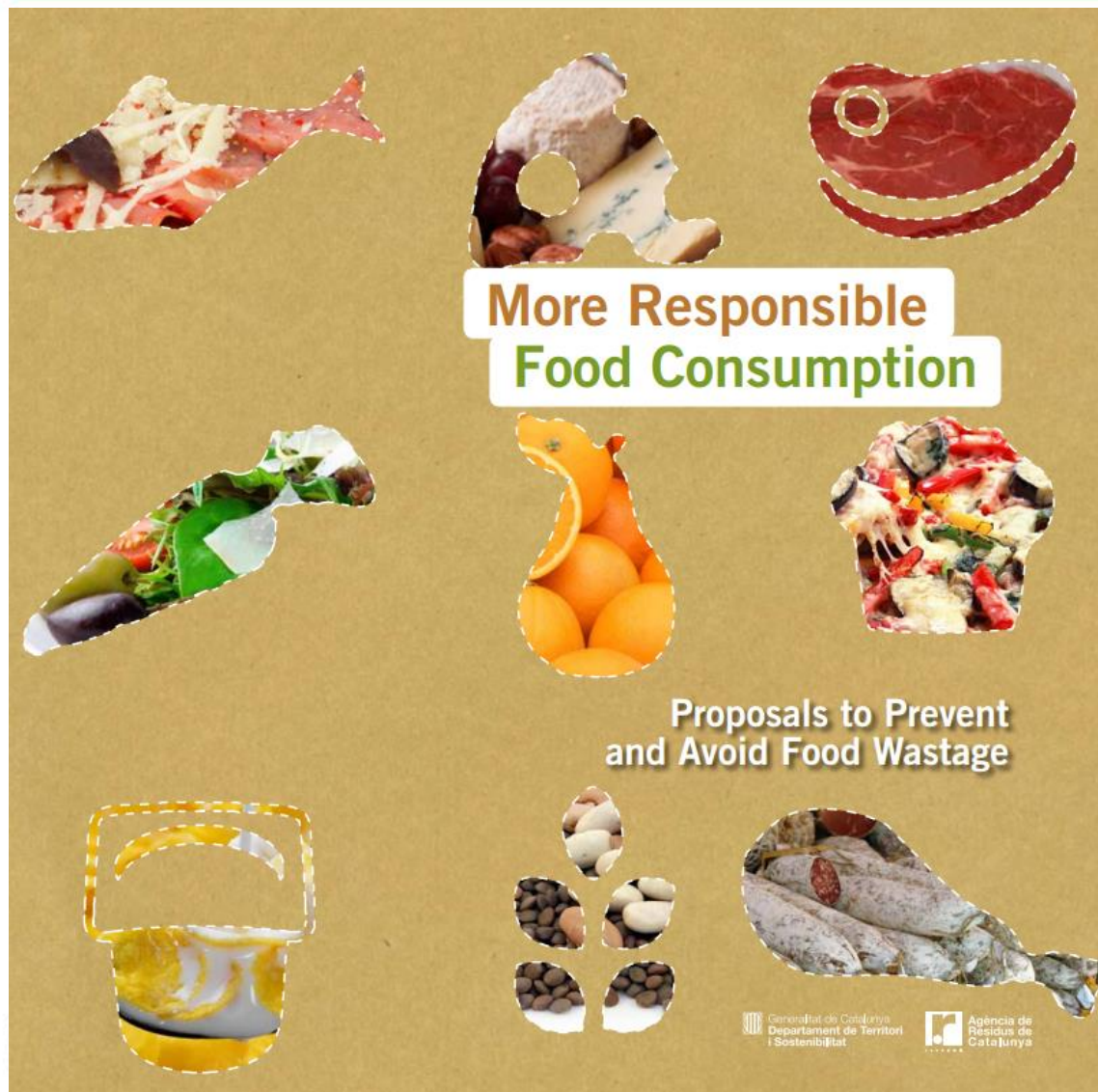


The diagnosis included a total of **23 proposed actions** for each of the following sectors:

- Administration
- Production and manufacture
- Distribution
- Restaurants and catering
- Homes



The guide



Published in 2012

Available at:

http://residus.gencat.cat/web/.content/home/lagencia/publicacions/centre_catala_del_reciclatge_ccr/guia_consum_responsable_en.pdf

Actions in Catalonia

- Communication campaign
- Education / Capacity building / Awareness raising
- Support for local projects





Agència de
Residus de
Catalunya

Communication campaign

**SOM
GENT
DE PROFIT**

**WE ARE
FOOD
WISE**



Ajuntament de
Barcelona



AMB

Àrea Metropolitana
de Barcelona



**Generalitat
de Catalunya**



Generalitat de Catalunya
Departament de Territori
i Sostenibilitat

Communication campaign

THE TRAVELLING EXHIBITION

- Explains the origin of waste and how we can prevent it. It is complemented with a practical workshop



TV PROGRAMME (11 chapters)



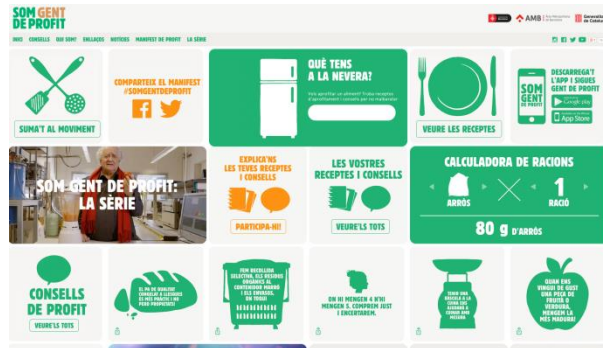
- Each spot (3') approaches the issue from a different angle using **well-known celebrities**

Communication campaign

VIDEO CLIP



THE WEB



somentdeprofit.cat

APP



INSTAGRAM (15" animations)



RECIPE CONTEST



Education and capacity building

Publication of education material for schools and restaurants



Conferences and seminars



6th European Week for Waste Reduction (LIFE Project)

- Held from **22nd to 30th November 2014** all over Europe
- Actors involved: public authorities, companies, schools, associations and citizens.
- Results for 2014: 11,995 actions (871 Catalan actions) and 34 regions in Europe
- Prevention Thematic Days 2014 focused on **Stop Food Waste**
 - ✓ **8** Data sheets describing actions and communication tools
 - ✓ **2** Calculators for restaurants/canteens and for homes
 - ✓ 339 Catalan actions with 26,427 participants and 6,527 kg avoided waste
- **172 Eco-restaurants** tested a pilot Toolkit obtaining a reduction of 4kg per week and establishment.



Economic subsidies and technical support:

- Catalan Food Bank Foundations (since 2007)
- Local bodies and non-for profit organisations (since 2010)

Collaboration with other institutional initiatives:

- Supportive Food Distribution Committee of Catalonia (since 2012)
- Spanish Association of Commercial Coding (AECOC): “No wasting food; make the most of it”
- Spanish Ministry of Agriculture, Food and the Environment (MAGRAMA): “More food, less waste”
- Food Use for Social Innovation by Optimising Waste Prevention Strategies (FUSIONS) Project
- Resource Efficient Food and dRink for Entire Supply cHain (REFRESH) Project

Plataforma Aprofitem els Aliments (PAA)

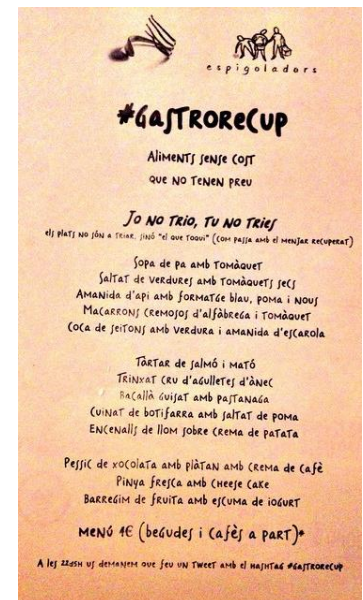
Platform of citizens and entities with a strong commitment towards food waste prevention (<https://aprofitemelsaliments.wordpress.com/>)



GASTRORECUP (Semproniana restaurant)

Gourmet dinner prepared with products discarded by commercial circuit in order to publicize the importance of the fight against food waste (<http://blogs.cuina.cat/semproniana/>)

SOPAR GASTRORECUP
Semproniana s'uneix a la lluita contra el malbaratament



Some examples...

Nutrition without borders: Barcelona shares its food

Recovering the surplus cooked food that is generated in 11 Hotels and 15 food companies in the city of Barcelona, for its distribution to 13 charity organizations

(<http://www.nutricionsinfronteras.org/bcncomparteixelmenjar>)



Espigoladors : It's im-perfect

Gleaning project of discarded fruits and vegetables for its transformation into food products or direct consumption for groups at risk of social exclusion (<http://www.espigoladors.cat/>)

es im-perfect ♡



Barcelona city council:

Edition of the guide "Think, buy, cook, eat" (2011) and programme for schools: "We eat everything"

(<http://www.sostenibilitatbcn.cat/index.php/programes-i-campanyes2/164-a21e-enshomengemt>)



The Catalan General Waste and Resource Management and Prevention Programme 2013-2020 (PRECAT20)



General Targets

[4a.1] To effectively **reduce** the **total primary waste generation** and, specifically, to achieve a **15%** weight reduction in waste generation by **2020 in respect of the 2010 figure**.

[4a.2] To **set specific waste generation reduction targets** by the end of **2018** for **flows or sectors** that may be **specific**.

Specific targets for Biodegradable organic waste (food wastage)

[4b.1] Reducing food wastage by **50% in 2020** compared with **2010 in the retail, hospitality, catering and domestic sectors**.

[4b.2] **Establishing**, by the **end of 2018**, **food wastage reduction targets** for the **primary and agrifood sectors, including wholesale distribution**.

- **Diagnosis** of food wastage in the primary, agrifood and wholesale distribution sectors (scheduled for 2017). Now developing methodology.
- Continuous **monitoring of the generation of food wastage** in:
 - the organic fraction of municipal waste (ongoing since 2012)
 - non segregated fraction of municipal waste
- Continuation and rolling-out of the **WE'RE FOOD WISE** campaign
- Continuation of the **"Schools against food wastage"** project, in particular with the goal of carrying out a pilot project in schools
- **Grants for prevention projects** (local bodies, not-for-profit organisations and universities) giving priority to food wastage prevention actions (1,8 M€ in 2015)



**Agència de
Residus de
Catalunya**

Thank you very much!

Catalan Waste Agency

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**Generalitat de Catalunya
Departament de Territori
i Sostenibilitat**