



Agència de
Residus de
Catalunya

THE WORK OF THE CATALAN WASTE AGENCY IN THE FIGHT AGAINST FOOD WASTAGE

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FUSIONS 2nd European Platform Meeting

Brussels, 31st October 2014



Generalitat
de Catalunya

1714 / 2014



- 1. INTRODUCTION**
- 2. WHAT HAVE WE DONE?**
- 3. PRECAT20**
- 4. WHAT WILL WE DO?**





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1. INTRODUCTION



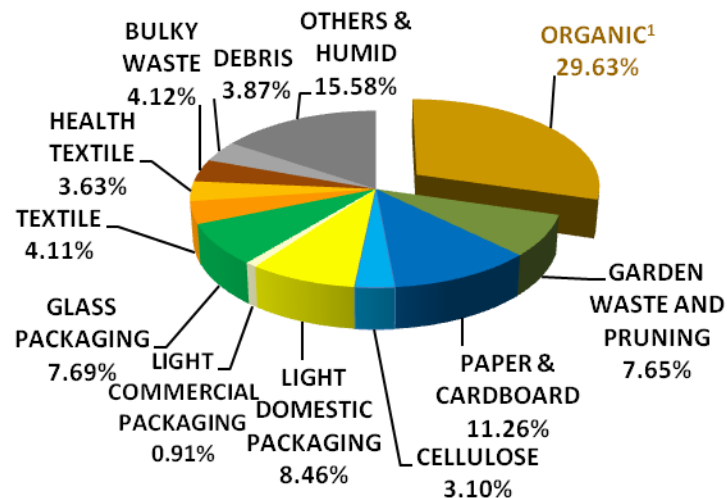
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1. Introduction

- The **Catalan Waste Agency**, created through Law 6/1993, concerning waste regulation, is a **public authority** with jurisdiction over the industrial, municipal, medical or agricultural waste generated and managed in Catalonia.
- The **selective collection** of municipal organic waste¹ has decreased by **2.5%** between 2012 and 2013.
- **OFMSW food wastage** has decreased by **15.4%**: from **11%** in 2012 to **9.3%** in 2013.
- Therefore, a **high proportion** of the **reduction in tonnes** of the **selective collection** of organic waste (9,557 t) is due to the **reduction of OFMSW food wastage** (7,468 t), which has decreased by **17.4%**.



Standard bag of municipal waste in 2013
in Catalonia

	2012	2013	Variation in %	Variation in tonnes
Tonnes of OFMSW Selective Collection	389,242 t	379,685 t	-2.5 %	9,557 t
% Food waste	11.00%	9.31%	-15.4 %	
Tonnes of Food Waste	42,817 t	35,349 t	-17.4 %	7,468 t





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2. WHAT HAVE WE DONE?



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2. What have we done?



FUNDACIÓ
BANC DELS ALIMENTS
BARCELONA

**SUPPORTIVE FOOD
DISTRIBUTION COMMITTEE
OF CATALONIA
Work Groups**



**Prevention Committee
Redistribution
Committee**

Since 2007

**Technical
and economic
support**

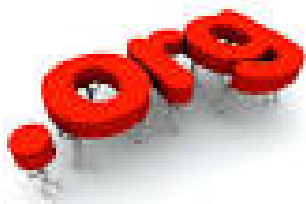
**Catalan
Waste
Agency**

Participation

Since 2010

LOCAL COUNCILS

**NON-PROFIT
ORGANISATIONS**



**FUSIONS
European Project
Member**



**MAGRAMA
Prevention Committee
Work Groups**

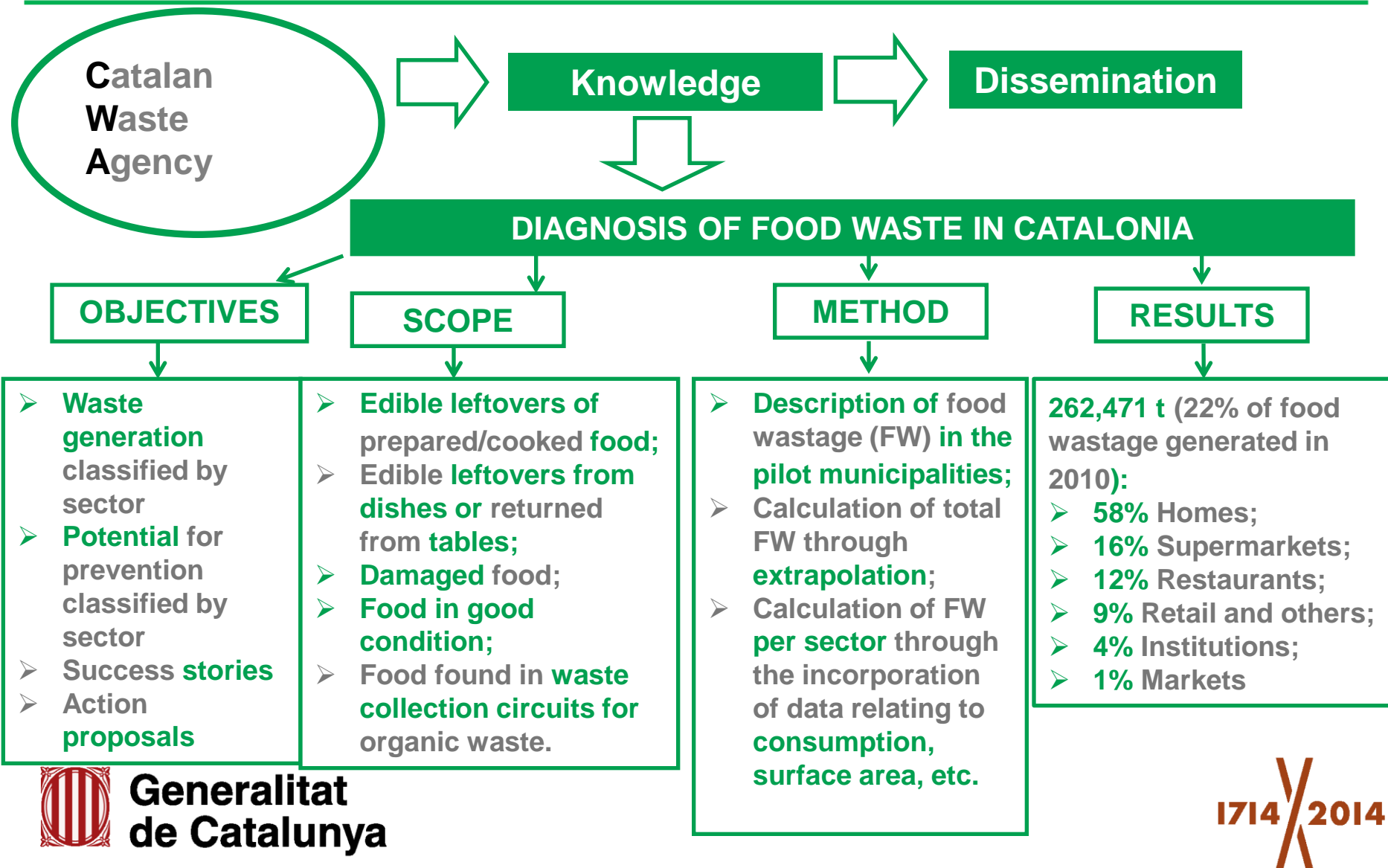


¡Buen Aprovecho!
Reduce el desperdicio de alimentos





2. What have we done?





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2. What have we done?

**Catalan
Waste
Agency**

**Dissem
ination**

2013

**FW website
of the ARC
[www.arc.cat/
malbaratamen
talimentari](http://www.arc.cat/malbaratamentalimentari)**

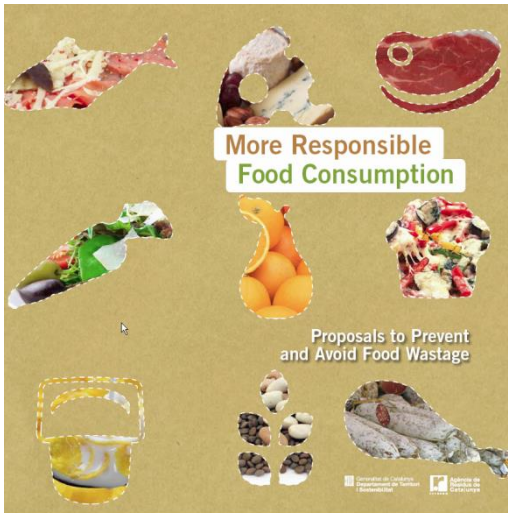
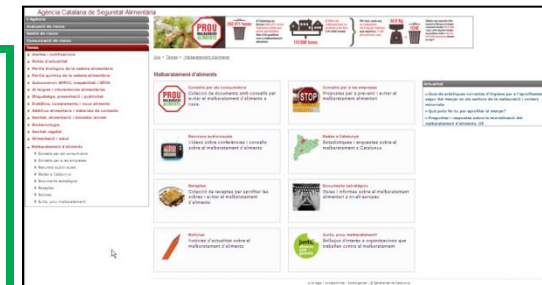
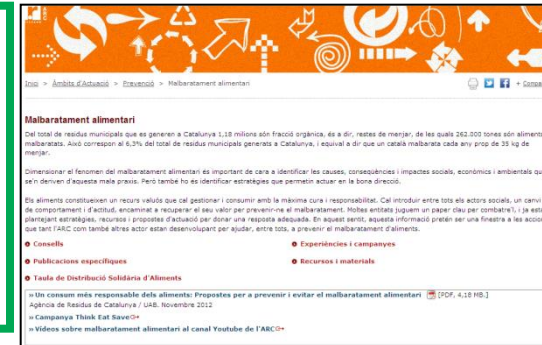
2012

2013

**16 Action
proposals
according to
sectors
23 success
stories**

**Websites and tools
Ministry of
Education;
Consumer Affairs
Agency; and Catalan
Food Safety Agency
(ACSA)**

**One-day conference
“The role of schools in
the fight
against FW”**



- 34,9 kg/hab a l'any o 96 gr/hab al dia;
- 7% de les adquisicions de menjar sòlid;
- 6,5% dels residus municipals generats al 2011;
- Nodrir 500.000 persones durant un any;
- Llençar 841 milions d'euros anuals;
- Emetre 520.753 tmCO2 eq innecessàriament.



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2. What have we done?

Methodological guide to calculating municipal waste prevention targets and potential

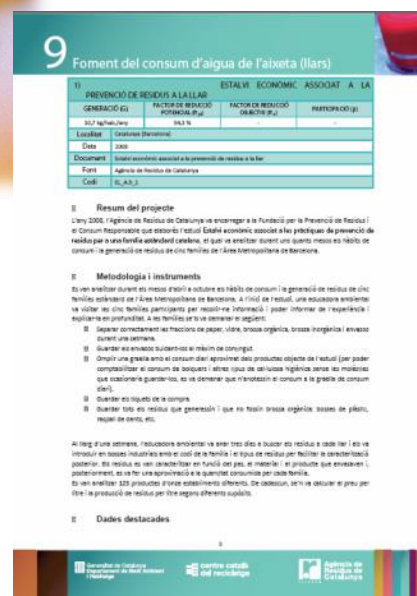


Waste prevention calculator



Website application and its user guide

Records of over 300 experiences



ACTUACIÓ	Generació del flux específic	Factor de reducció potencial	Factor de reducció objectiu	Participació
A.4. Promoció d'accions contra el malbaratament d'aliments. Compra i consum responsable d'aliments				
A.4.1. Foment de la compra i el consum responsable d'aliments a les llars	92 kg/hab./any	22 %	13 %	Sense valor de referència
A.4.2. Millora dels circuits d'aprofitament d'excedents alimentaris als mercats i els supermercats	41 kg/hab./any	22 %	13 %	Sense valor de referència
A.4.3. Implantació de mesures per a l'aprofitament d'excedents alimentaris als centres educatius	6 kg/alumne/any	22 %	13 %	Sense valor de referència
A.4.4. Millora dels circuits d'aprofitament d'excedents alimentaris a la restauració	120-250 g/àpat	22 %	13 %	Sense valor de referència
A.4.5. Implantació de mesures per a l'aprofitament d'excedents alimentaris als centres hospitalaris	272 g/pacient/àpat	Sense valor de referència	72 %	Sense valor de referència

Summary of the experience with reference data

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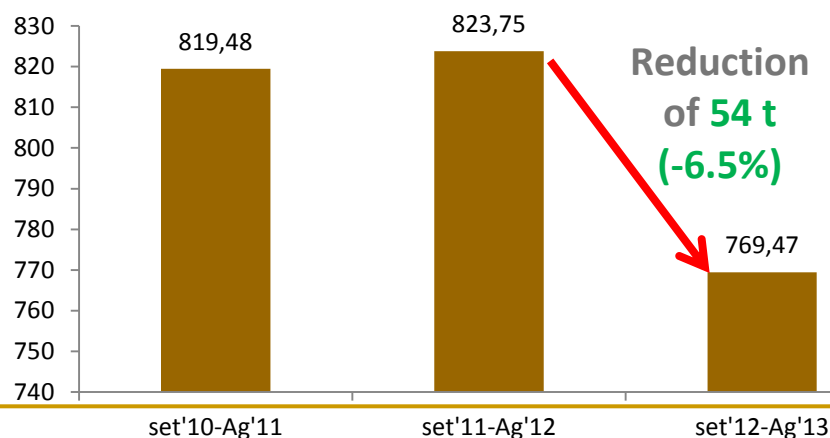


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2. What have we done?

Reus Town Council and Taller Baix Camp:
Reduction of municipal waste through FW prevention
(1st phase August 2012-13)

OFMSW + commercial waste (t)



Food recovery results for 2013 in Torredembarra and Cornellà de Llobregat

	Torredembarra	Cornellà de Llobregat
Kg recogidos al mercado	5.103	2.571
Media de Kg por día de recogida	115	40
Media de Kg descartados antes del reparto por día de recogida	6	2
% de producto descartado respecto el total recogido	5%	5%

Food Bank Foundation of Barcelona. Total tonnes collected in 2012:

10,652 t food, of which:
2,907 t from the agro-food industry;
3,640 t from the EU;
582 t DARP (Catalan Ministry of Agriculture, Livestock and Fisheries) juice from fruit surpluses;
1052 t DARP fruit;
1,807 t collected food;
93 t awareness-raising actions;
323 t spoiled goods from distributors;
227 t purchased through donations.



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3. PRECAT20



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



strategic
prevention
objectives

4. To reduce waste generation by fostering prevention and, in particular, reuse



General targets



16 operational
objectives

Specific targets
for material
streams





3. PRECAT20

General Targets

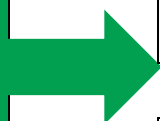


[4a.1] To effectively **reduce** the **total primary waste generation** in Catalonia (municipal, industrial and construction-related), and, specifically, to achieve a **15%** weight reduction in waste generation by **2020 in respect of the 2010 figure**.

[4a.2] To **set specific waste generation reduction targets** by the end of **2016** for **flows or sectors** that may be **specific**, general or connected to economic, population-related or other factors.



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 2016**, **food wastage reduction targets for the primary and agrifood sectors, including wholesale distribution**.





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



Measures

1. Encouraging the view of waste as a resource.

12

Collaboration in carrying out regular **diagnoses** of food wastage in the **primary and agrifood sectors**.

4. Reduce waste generation by promoting prevention and, in particular, reuse

53

A **communication strategy** for the prevention of food wastage to be designed.

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Promotion of cooperation in activities related to the work of the **Food Surplus Committee of Catalonia**.

55

Support for measures to reduce food wastage applied by **private organisations and cooperation with organisations distributing food**.





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4. WHAT DO WE WANT TO DO?



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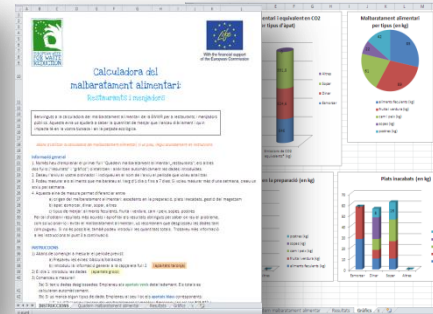
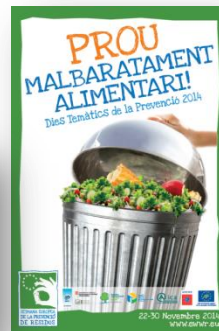
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4. What do we want to do?

6th European Week for Waste Reduction (LIFE 2013 Project)

- Held from **22nd to 30th November 2014** all over Europe
- Actors involved: public authorities, companies, schools, associations and citizens.
- Results for 2013: 12,682 actions (777 Catalan actions) and 34 regions in Europe
- 22nd November **Food Waste Prevention Day**
 - ✓ **8** Data sheets describing actions + communication tools
 - ✓ **2** Calculators for restaurants/canteens and for homes
- Registration period open until 31st October and displayed on the EWWR 2014 Calendar.





4. What do we want to do?

GREEN SCHOOLS PROJECT: Project for the donation of food from schools to food distribution organisations

Study of current management models in Catalan schools.

- Identification of optimisation procedures and basic elements.
- Identification of the agents involved.
- Identification of the possibilities of implementation:
 - For the optimisation of surplus food from school canteens.
 - For educational projects in the classroom and canteen.
- Creation of an action protocol for schools in conjunction with ACSA (Catalan Food Safety Agency).
- Promotion of pilot schemes to test the selected procedures.





4. What do we want to do?

- **COMMUNICATION CAMPAIGN:**



- **Instagram:** 20 15-minute animated films created for social networks;
- **Website with:** pledge, food use optimisation search tool, food calculator, 20 illustrated examples of how to prevent FW, option for downloading the App, option for inviting friends to join the movement, multimedia and travelling exhibition calendar.
- **App**
- **Video clips**
- **Travelling exhibition and workshop**
- **Fair of organisations**
- **Press, radio and TV adverts.**



**Agència de
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Thank you!

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