

Session 1: Challenges in bio-waste prevention
at the European and national levels

Miniwaste Conference in Brno

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Miniwaste project

- ▶ **Objectives**
- ▶ **Methods**
- ▶ **Expect results**

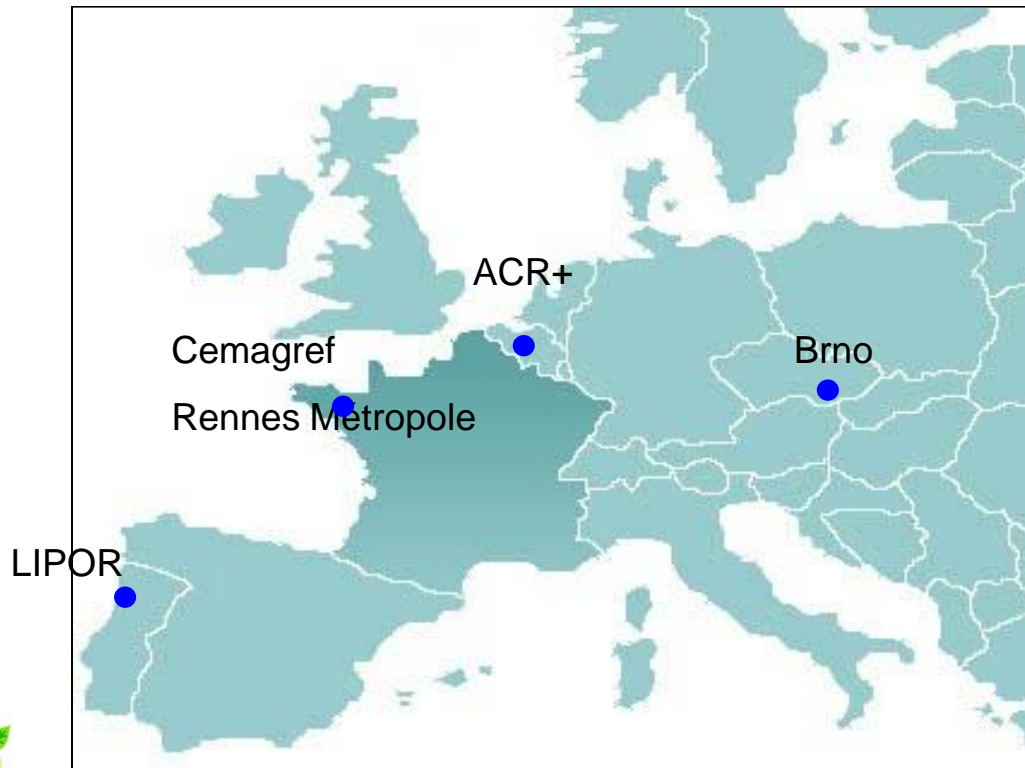
Miniwaste project

❖ 1st January, 2010 - > 31 december, 2012

❖ 5 partners - 3 local authorities

❖ Total project budget: 2 289 402 €

EC financial contribution requested: 1 126 626 € (= 50% of total eligible budget)



Objectives of the project

Design, implement and assess a strategic plan to reduce municipal organic waste in EU municipalities

- ① **Implementation of reduction actions** at different scales, and monitoring the actions in Porto, Rennes Métropole and Brno
- ② Developing and implementing a **set of monitoring protocols** in order to assess the quantity of composted waste and the quality of the compost produced
- ③ Bring out and disseminate **recommendations and guidance note** for other European cities

**TO PROVIDE CITIZENS AND AUTHORITIES WITH FLEXIBLE
SOLUTIONS WELL ADAPTED TO THEIR NEEDS**

Methods of the project

- ① Implementation of reduction actions at different scales, and monitoring the actions in Porto, Rennes Métropole and Brno

Define a **local waste minimisation** plan in each territory:

-**Objectives** in waste reduction, person trained, participating structures,....

-**Methodologie** supported by awareness raising activities (communication plan)

-**Monitoring** protocols and technical tools



Methods of the project

- ▶ ② Developing and implementing a set of monitoring protocols in order to assess the quantity of composted waste and the quality of the compost produced

-Inventory of knowledge inside and outside of the consortium

- Setting up a computerized tool structured in a set of toolboxes:

1- indicator value data for easy decision making to define the appropriate actions

2- Procedures sheets and dashboards to implement and monitor the appropriate actions

3-Representation of results to be analysed



- Monitoring protocols for quantity of waste diverted from processing, quality of compost generated, performance of different composting systems and processes

Methods of the project

▶ ③ Bring out and disseminate recommendations and guidance note for other European cities

- Compiling the results obtained by the partners as a toolbox for the European authorities
- Preparation of a dissemination plan
- Giving access to generic tools adaptable to any local situation to :
“e-learning” modules, computerized tool, monitoring protocols
(downloadable for free from the Miniwaste website)

Expected results

Composting actions

	RM		Brno		LIPOR	
	Starting point situation	Situation at the end of the Project	Starting point situation	Situation at the end of the Project	Starting point situation	Situation at the end of the Project
Number of collective composting sites installed	120	620	0	5	0	50
Number of participants in grouped housing	1 200	6 200	0	50	0	500
Number of individual composter bins installed	16 000	21 000	0	350	3000	10 000
Number of participating collective structures	5	70	0	1	40	120
Number of person trained in composting techniques	400	1 500	0	100	3 000	10 050
Number of composting masters actively involved	10	110	0	10	0	100

Expected results

▶ Actions against food waste

	RM		Brno		LIPOR	
	Starting point situation	Situation at the end of the Project	Starting point situation	Situation at the end of the Project	Starting point situation	Situation at the end of the Project
Number of participating structures	0	30 (social centers)	0	2	0	20 (restaurants)
Number of persons trained for reducing food waste	0	600	0	30	100	1 800

▶ to actually reduce the quantity of waste

Reduction in tons/year depending on the demonstration area

Type of target group	RM	Brno	LIPOR
Collective housing	200	2	20
Separated housing	750	50	1 050
Collective Structure	10	--	15
TOTAL	960	52	1 085

Expected results

▶ Improvement of the compost quality

80% of the composter bins installed show a good or very good quality of compost



▶ Population awareness

70% of the inhabitants of the demonstration area have been addressed directly or indirectly by the awareness actions and is aware of the different ways of reducing organic waste

General schedule

ACTIONS	Lead	2010				2011				2012			
		T1	T2	T3	T4	T1	T2	T3	T4	T1	T2	T3	T4
Action 1 Project Management and Monitoring													
1.1 Project Management	RM												
1.2 Monitoring Action (+ Evaluation)	RM												
1.3 Audit	RM												
Action 2 Set up a waste management structure and computerized tool													
2.1 Inventory of Knowledge inside and outside of the consortium	ACR												
2.2 Setup a computerized waste management platform at RM	RM												
2.3 Setup a computer waste management platform at partners	RM												
2.4 Set up different protocols for the assessment of composting projects	Cem.												
Action 3 Implementation and assessment of the waste minimisation													
3.1 At RM	RM												
3.2 At BRNO	Brno												
3.3 At LIPOR													
3.4 Guidance for EU Municipalities to minimise their organic wastes	RM												
Action 4 Dissemination action													
4.1 project website	ACR												
4.2 layman's report and communication tools	RM												
4.3 notice boards	RM												
4.4 Organisation of intermediate conference	Brno												
4.5 Organisation of final Conference	RM												
4.6 Media Work	ACR												
4.7 Participation to workshops, seminars, conf	RM												
Action 5 After-LIFE Communication Plan	RM												