# of household waste/ is subject to erson/year in materials SYCTOM'S recovery\* sphere 64,354 fewer tonnes of waste sent to the landfill 5% duction in nnage collected between 2008 and 2009 €43.15 million income from energy recovery of waste evacuated using alternative transport and provided with hot water thanks to SYCTOM's incineration centres allocated for prevention rate of materials recovery for bulky objects\* To enable statistical comparisons. it is necessary to incorporate data relating to glass into SYCTOM's data.

# ACTIVITY REPORT 2009

# A pivotal year for SYCTOM



FRANÇOIS DAGNAUD Président du SYCTOM de l'Agglomération parisienne

A public player in sustainable development and a major player across our country, SYCTOM works under the scrutiny of citizens, associations, the media and its partners, be they local authorities, institutions or companies. The

growing importance of environmental issues in public policies brings us new challenges every year.

In this respect, 2009 marks a new phase for us, with the first public debate in France devoted to household waste disposal. In the face of production and consumption behaviours, SYCTOM has had to reassert the priority of reducing waste, the need for an efficient

and protective public service, the necessity to diversify its competencies and to innovate, proposing disposal and recovery methods which are suited to each type of waste.

At a time of measured management of natural resources, the strategic priority which we give to the reduction of waste is proof of our commitment to the sustainable city.

But at the same time we have to fulfil our public service mission. And we do this with a territorial solidarity approach, in the Paris region, anticipating the changes underway and allowing a global approach to metropolitan planning challenges.

SYCTOM has positioned itself as a reference in household waste management in the Paris region, an efficient governance tool for a public service in urban ecology.

Indeed, SYCTOM has become the French agency for household waste.

The initiatives which we took in 2009 on the reform of the TGAP tax and the renewal of the certification of the eco-organisations in the household packaging sector, for example, have marked SYCTOM as an important voice both on a regional and national level.

2009 was also marked by the economic and social crisis, which affected SYCTOM's busi-

ness. Although the reduction in tonnage is in line with our prevention objectives and fuels hope in terms of long-term changes in behaviour, it also reflects the day-to-day difficulties met by the population of our country. The control of our budget, which we have once again demonstrated this year, is key to our credibility.

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To demonstrate our commitment to meeting these challenges together, we have to continue our efforts for better information on our projects of course, but also on our daily household waste disposal activities and our prevention initiatives.



# **OPERATING SUMMARY 2009**

Figures in brackets correspond to 2008 data

**Human resources** as at 31/12/2009:

- → SYCTOM: 115 agents
- Private operators of SYCTOM's processing units: 773 staff

Total tonnage of household waste on SYCTOM's territory

2.516.347 tonnes (2,606,604 tonnes)

Sorting - recycling from selective collections

162,539 tonnes (166,903 tonnes)

Sorting of bulky objects

172,530 tonnes (192,436 tonnes)

SYCTOM waste reception centres

> 32,469 tonnes (29,482 tonnes)

HWIU direct inputs

1,569,413 tonnes

(1.651.496 tonnes)

including declassifications 3,846 tonnes (3,647 tonnes)

Transfer to Romainville **Direct inputs** 

337,157 tonnes (300,748 tonnes)

including declassifications

8,078 tonnes (8.622 tonnes)

Landfill sites reserved for non-dangerous waste

> 86,040 tonnes (87,632 tonnes)

Not transiting via SYCTOM

107,898 tonnes

Transiting via SYCTOM

1,450 tonnes

Glass

Waste processed

by SYCTOM

2.360,148 tonnes

(2,428,696 tonnes)

of which HW tonnage

1,992,610 tonnes

(2,039,875 tonnes)

109,349 tonnes

Waste from non-dumping

46,850 tonnes

SYCTOM centres 31,668 tonnes (96,416 tonnes)

SYCTOM centres 122,218 tonnes (118,108 tonnes)

Private centres

40,321 tonnes

Private centres 140.863 tonnes (96,020 tonnes)

**SYCTOM** waste reception

32,468 tonnes (29,286 tonnes)

SYCTOM HWIUs 1,472,975 tonnes (1,527,006 tonnes)

**Private HWIUs** 54,283 tonnes (55,684 tonnes)

Landfill sites reserved for non-dangerous waste 42,155 tonnes (68,806 tonnes)

> SYCTOM HWIUs 154,466 tonnes (99,005 tonnes)

**Private HWIUs** 18,408 tonnes (16,088 tonnes)

Landfill sites reserved for non-dangerous waste 162,012 tonnes (180,942 tonnes)

HWIU direct inputs 85,675 tonnes (87,328 tonnes) **Declassifications** 366 tonnes

(304 tonnes)

Private HWIUs 39,504 tonnes (57,705 tonnes)

Landfill sites reserved for non-dangerous waste 7,346 tonnes (7,782 tonnes)

\* Clinkers, ferrous and non-ferrous are subject to materials recovery. To avoid a double count. this percentage was calculated by subtracting these materials from the total energy recovery tonnage.

municipalities

Not transiting via SYCTOM

Recycling 114,083 tonnes (117,008 tonnes)

Incinerated rejects 37,048 tonnes (32,861 tonnes)

Waste sent to 11,409 tonnes (17,033 tonnes)

Recovery 81,402 tonnes (86,895 tonnes)

Waste sent to 91,128 tonnes (105,542,tonnes)

Recovery 15,879 tonnes (15,282 tonnes)
Incinerated rejects 811 tonnes (828 tonnes)
Waste sent to 15,777 tonnes (13,371 tonnes)

**Evacuated clinkers** 334,596 tonnes (328,662 tonnes) Ferrous sold 38,661 tonnes (36,079 tonnes) Non-ferrous sold **3,104 tonnes** (2,321 tonnes) REFIOM 44,258 tonnes (including PSR 2,810 t) (41,691 tonnes) **Electricity sold** 156,142 Mwh (103,615 Mwh) 2.762 Mwh Steam (other) (3,386 Mwh) 2,522,378 Mwh Steam sold (CPCU) (2,541,579 Mwh) Total
materials recovery:
697,172 tonnes
or 25%\* of waste
(698,625 tonnes)
Of which clinkers,
ferrous and non-ferrous
376,361 tonnes
(367,062 tonnes)

Total energy recovery
Household waste
+ declassification + rejects
1,737,991 tonnes
or 58%\* of waste
(1,731,472 tonnes)

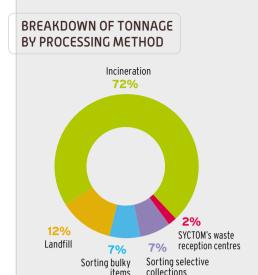
Total SYCTOM landfill in landfill sites reserved for non-dangerous waste Household waste + declassification

290,207 tonnes
(337,380 tonnes)

Household waste + declassification + rejects

408,521 tonnes or 17% of waste
(473,631 tonnes)

Recycling 109,447 tonnes (112,378 tonnes)



# COST OF PROCESSING PER TONNE

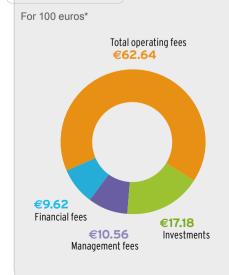
Selective collections
€199.82

Bulky objects
€101.54

Incineration with energy recovery
€83.36

Landfill
€92.58

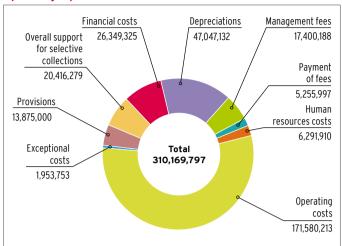
### **USE OF THE FEES**



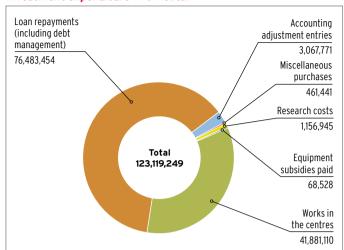
# Printed by Desbouis-Grésil, certified ISO 14001, on 100% recycled Cyclus paper. June 2010. Photo credits: J.L Vallet/SYCTOM - Design and creation: PARIMAGE |

# 2009 SYCTOM BUDGET: €433.29M

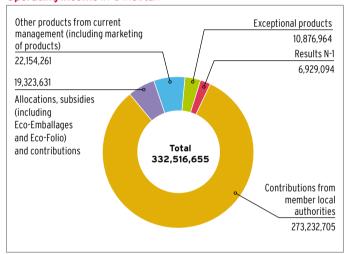
### Operating expenses in € incl. tax



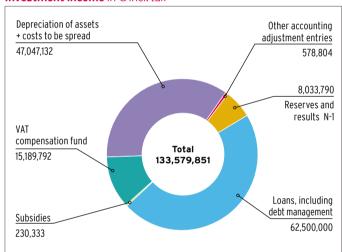
### **Investment expenditure** in € incl. tax



### Operating income in € incl. tax



### **Investment income** in € incl. tax



SYCTOM is a major public player in sustainable development. Responsible for processing and recovering household waste from half of the Paris region, or some 10% of the national population, it contributes through its commitments and activities to promoting sustainable development on its territory.

## A public service mission

SYCTOM of the Paris agglomeration is an administrative public establishment which brings together 84 municipalities across 5 départements: Paris, Hauts-de-Seine, Seine-Saint-Denis, Val-de-Marne and Yvelines.

With a view to the sustainable management of waste, SYCTOM's strategy is to:

- contribute to reducing the production of waste,
- diversify its recovery methods and increase its processing capacities in favour of materials and organic recycling,
- limit the use of landfill,
- control the sanitary and environmental impacts of its activity, in particular greenhouse gas emissions,
- act in transparency and cooperation.

# **SYCTOM'S installations**

In a concern to fully exercise its responsibilities, SYCTOM has its own industrial facilities, of which it entrusts the operation to private companies under public contracts. Respecting community logic and attentive to the solidarity between its territories, its 13 processing units are distributed across 8 municipalities. Under construction: 1 selective collection sorting centre in Paris in the 15th arrondissement, 1 methanisation unit in Romainville and 1 river platform in Bobigny. Planned: 1 methanisation centre in Blanc-Mesnil/Aulnay-sous-Bois, 2 selective collection sorting centres in Paris and Paris XVII and 1 pre-sorting and river transfer of bulky objects centre in Paris XIII.