



31% of waste recycled into new materials or clinkers

73% rate of recycling from selective collection

63% waste recovered as steam and electricity





-27.9% Decrease in quantity of waste landfilled compared to 2015



-€16 M operating costs (7.5% decrease compared to 2015)



708 half- days

of awareness raising (prevention, sorting) carried out by eco-facilitators

6,808 jobs

direct and indirect jobs generated by Syctom's activity

El M/year devoted to waste management projects internationally

Operating summary 2016



2016 was a year of intense activity for Syctom. With the birth of the Metropolis of Greater Paris, we had to amend our statutes on two occasions, in other words, as many times as in our thirty years of existence. The first time was to integrate the metropolitan status of Paris and the creation of public territorial bodies. The second was to record the dissolution of SYELOM and SITOM93, historical partners who had contributed significantly to what Syctom is today. And we adopted a new governance, modernised and balanced, with the establishment of the new Syndicate Committee and its 90 delegates on 26 January 2017.

Despite this institutional upheaval, Syctom's major projects made notable progress. This is reflected in our investment programme. In Ivry-sur-Seine, after six months of intensive consultation, we obtained the consent of the National Commission for Public Debate (CNDP) to continue the project without the need for a fresh public debate. In Romainville, our approach of co-construction with local elected representatives paved the way for an ambitious vision for the future of the site. In Saint-Ouen, the urban integration project of the incineration centre entered the preliminary studies phase and the building permit application was filed.

These structural projects, combined with the dynamic adaptation of our sorting centres to the extension of sorting instructions, gave an impetus to our "zero non-recovered waste" policy. And the reduction in the quantities of waste landfilled in 2016 strengthened us in this dynamic process, fostering renewable energy, the circular economy and the sustainable city.

For this, we made innovation our spearhead. A useful innovation, for the protection of the environment, for the citizen, for the French industry.

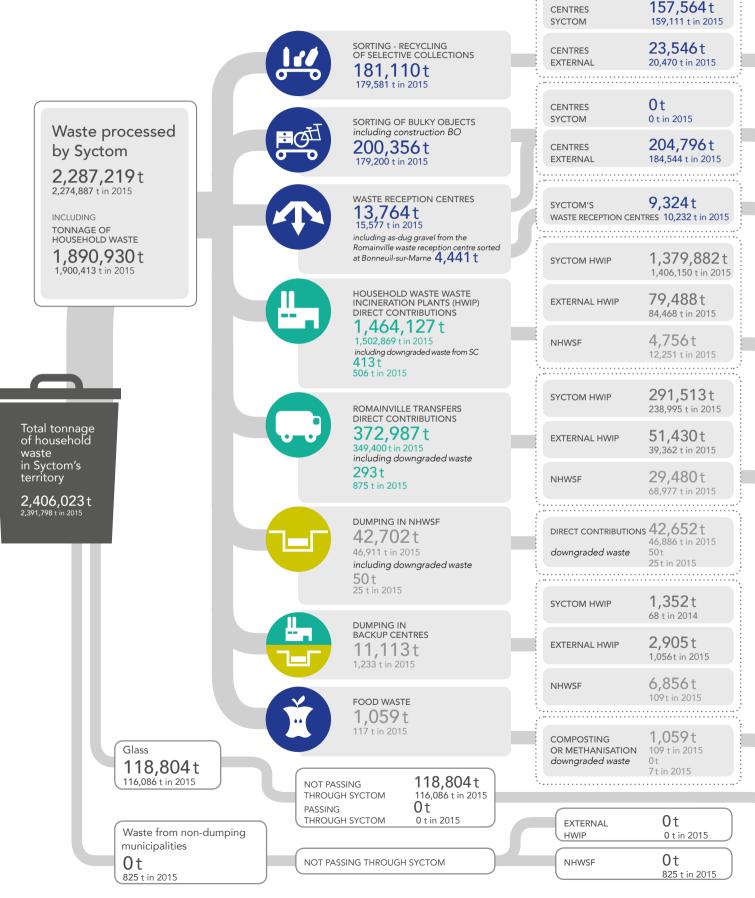
An innovation in terms of both technology and method. This is fully in keeping with the work we are doing alongside our member local authorities to promote the acceptability of our facilities, to advance selective collection, with the deployment of eco-facilitators, and support experiments in the separate collection of food waste. This is also in line with the partnerships strengthened in 2016. Together with the neighbouring waste processing syndicates, to pool and optimise the means of waste treatment at the metropolitan level. Together with the other Urban public services of Greater Paris, both in research and development projects for new recovery solutions and in international cooperation.

For the future is also played out on this scale. As the leading European public operator, Syctom has every legitimate right to share its expertise beyond its territory of action, to promote an efficient public waste-treatment service invested in energy transition: by participating in the reflection on the prospects of the French waste management model, by welcoming more and more foreign visitors and delegations to our facilities, by contributing to major international events. Yesterday at the COP22, today at the International Exhibition of Astana to present the energy of the future.

Hervé MARSEILLE

Vice-President of the Senate Senator of Hauts-de-Seine Mayor of Meudon - Grand Paris Seine Ouest Chairman of Syctom, the metropolitan agency for household waste

Breakdown of tonnage in different processing centres in 2016



		\frown
	132,230 t EAM STOCK) 129,909 t in 201	
STOCK VARIATION UPSTREAM	-147 t +177 t in 2015	Total materials
INCINERATED REJE	естя 43,322 t 41,380 t in 2015	recovery 744,245 t 718.730 t in 2015
REJECTS PUT IN NHWSF	5,705 t 8,115 t in 2015	1.E. 30.9% of waste
• • • • • • • • • • • • • • • • • • • •		INCLUDING
RECOVERY	125,151 t 107,997 t in 2015	
INCINERATED REJEC	c тs 15,604t 0t in 2015	321,551 t 320,180 t in 2015
REJECTS PUT IN ISDND	64,042 t 76,547 t in 2015	
RECOVERY	8,068 t 9,121 t in 2015	
INCINERATED REJEC	c тs 1,255 t 1,112 t in 2015	Total energy rec HOUSEHOLD WASTE + DOWNGRADED WASTE +
REJECTS PUT IN NHWSF	0t 0 t in 2015	REJECTS 1,866,814 t 1,812,651 t in 2015
• • • • • • • • • • • • • • • • • • • •		
CLINKERS DISPOSED	321,551 t 320,180 t in 2015	62.7% of waste*
FERROUS SCRAP SO	LD 34,665 t 32,625 t in 2015	
NON-FERROUS SCRA	AP 2,832 t 2,751 t in 2015	
REFIOM	43,390 t 43,394 t in 2015	Total Syctom landfilling in NH
ELECTRICITY SOLD	146,418 MWh 46,215 MWh in 2015	
STEAM (OTHER)	41,300 MWh 43,320 MWh in 2015	128,248 t in 2015 HOUSEHOLD WASTE + DOWNGRADED WASTE +
STEAM SOLD (CPCU)	2,666,763 MWh 2,764,525 MWh in 2015	SORTING REJECTS 153,542 t 212,910 t in 2015
• • • • • • • • • • • • • • • • • • • •		I.E.
COMPOST PRODU	19 t in 2015	6.4% of waste
ORGANIC COMPO PRODUCED INCINERATED REJE	42 t in 2015	* Clinkers, ferrous and non-fe subjected to materials reco avoid a double count, this p was calculated by subtracti materials from the total ene
		recovery tonnage. All percentages are calculat

118,804 t 116,086 t in 2015

RECYCLING

covery **44,245** t 3,730 t in 2015 0.9% of waste LUDING FERROUS NON-FER-21,551 t 0,180 t in 2015 otal energy recovery USEHOLD WASTE + WNGRADED WASTE + SORTING IECTS **,866,814**t 2.7% of waste* USEHOLD WASTE + WNGRADED WASTE **3,795 t** 8,248 t in 2015 USEHOLD WASTE + WNGRADED WASTE + RTING REJECTS 53,542 t 2,910 t in 2015 kers, ferrous and non-ferrous are jected to materials recovery. To id a double count, this percentage calculated by subtracting these erials from the total energy very tonnage.

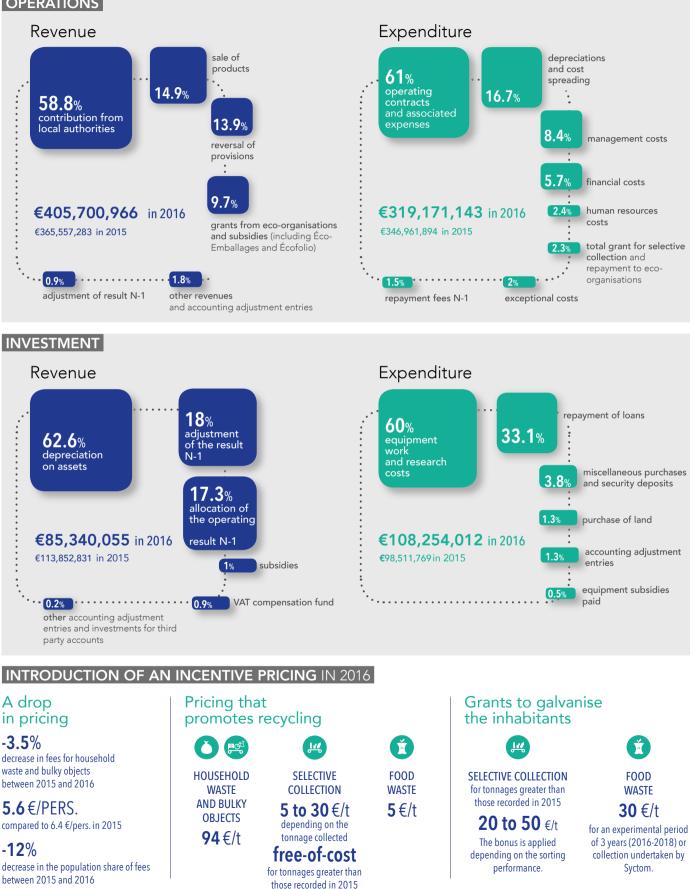
All percentages are calculated including glass.

NET COST OF PI per tonne (including Syctor			
SELECTIVE COLLECTION	INCINERATION WITH ENERGY RECOVERY		
	75 €/t		
BULKY OBJECTS	LANDFILLING IN NHWSF		
	87 €/t		
WASTE RECEPTION CENTRE 132 É/t			
BREAKDOWN OF TONNAGE BY PROCESSING METHODS tonnages entering directly into treatment channels			
Incineration 79 %	Sorting & recycling		
/ 7 ⁷⁰	_ / . Y ^{/0} Selective collection		
	- 8.8 % Bulky objects - 0.6 % Waste reception centres		
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FEES AND GRAN	- 8.8% Bulky objects - 0.6% Waste reception centres		
FEES AND GRAN	■ 8.8% Bulky objects ■ 0.6% Waste reception centres Landfilling ■ 3.7% NTS PAID NS ● €7.5M OF GRANTS PAID TO		
€238 ^M OF CONTRIBUTION FROM LOCAL	■ 8.8% Bulky objects ■ 0.6% Waste reception centres Landfilling ■ 3.7% NTS PAID NS ● €7.5M OF GRANTS PAID TO		
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€238 M OF CONTRIBUTION FROM LOCAL AUTHORITIES IN 2	■ 8.8% Bulky objects ■ 0.6% Waste reception centres Landfilling ■ 3.7% MIS PAID NS 016 E7.5M OF GRANTS PAID TO MEMBERS Management costs		
USE OF THE FEE for 100 euros	- 8.8% Bulky objects - 0.6% Waste reception centres Landfilling		
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USE OF THE FEE for 100 euros	- 8.8% Bulky objects - 0.6% Waste reception centres Landfilling .3.7% VTS PAID VIS 016 © € 7.5M OF GRANTS PAID TO Management costs - €11.4 Investments		

Key figures 2016

These figures are taken from the administrative account 2016

OPERATIONS



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