

Integral Management of Organic Waste in Rosario, Argentina.

Secretary of the Environment
and Public Space

Rosario =

Integral Management of Organic Waste in Rosario, Argentina.



ROSARIO

1,100,000 inhabitants

Surface: 68 mi²

(46 mi² urban area)

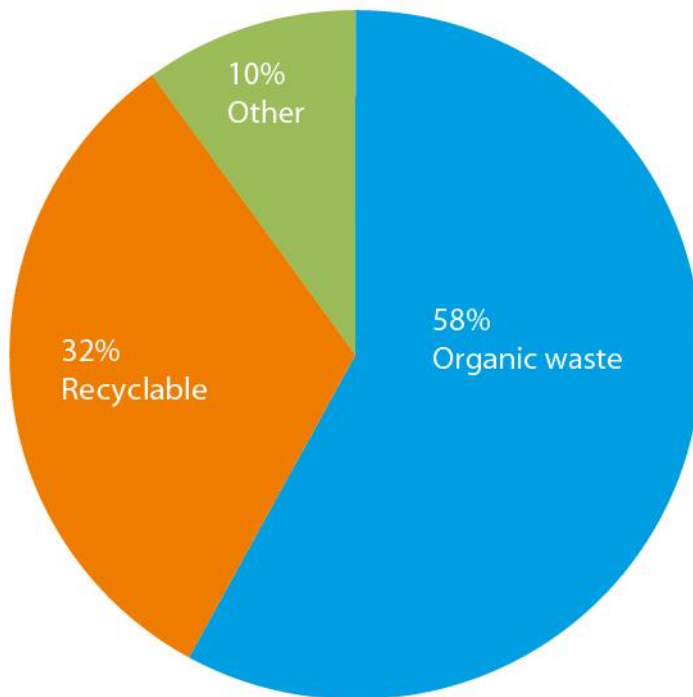
129 ft² green space
per inhabitant.

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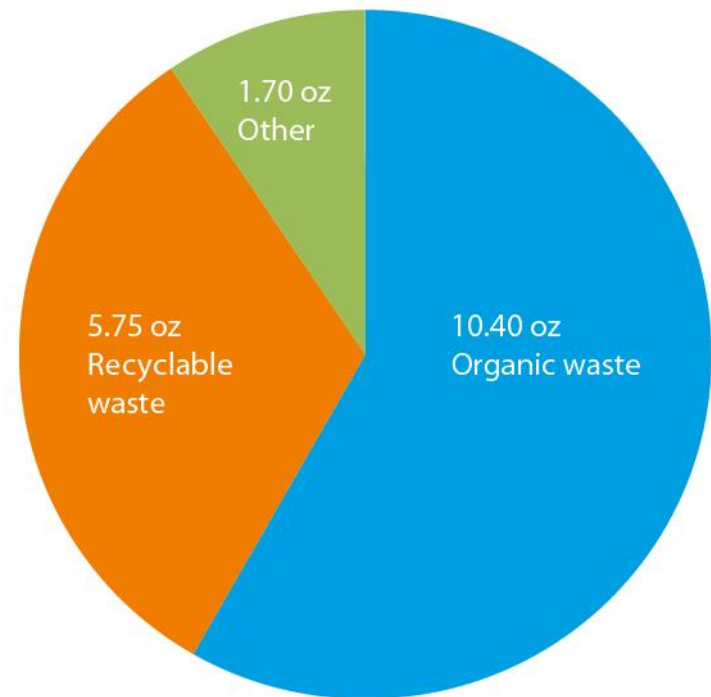
Production and Composition

800 Tn/day collection of home waste

% recoverable waste in 2014



oz/day/recoverable waste in 2014



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Global Trend in the Percentage Growth of Organic Waste.

Rosario is working on 2 key subjects:

- Minimization
- Treatment

MINIMIZATION STRATEGIES

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Green Homes

Rosario has 2,650 Green Homes, where 65% of them do home composting.



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Green Schools Network

In 2015 we began doing composting in schools where 25 institutions joined the program (Total: 320)



TREATMENT STRATEGIES

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Background - MBT Compost Plant

Operational since 2013

Built with the contribution of the National Secretary of the Environment and the World Bank.





120 -150 tn/day domestic waste.

NYLON



60 tn/day organic wastes are stabilized and matured.



4 tn/day recyclable materials



2 shifts – 40 employees
28 municipal employees (10 differently
able people)

12 waste pickers

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In 2015 Rosario was selected by the World Bank to be consulted (along with 2 other cities in Argentina: Mar del Plata and Salta) to develop a food waste management strategy:

- Technical Consulting
- Regulatory Consulting
- Communication Consulting

TECHNICAL ASPECT



The plant receives 6tn organic wastes per day from the Fisherton Market, which are mixed with garden cuttings to obtain better quality compost.



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New strategic partnerships

This week an agreement between the Civil Association BAR and the Fruit and Vegetable Producers Market was signed in order to work on the redistribution of food for charity purposes.

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Organic Waste Collection

Rosario=verde



VAS A VIVIR
EN UN
BARRIO
VERDE

LLEGA UNA
NUEVA FORMA
DE RECOLECCIÓN
DE RESIDUOS

Nuevo servicio de recolección

Rosario se propone seguir innovando en materia de gestión de residuos urbanos.

Separalos según su característica: orgánicos, restos, verdes y voluminosos y reciclables.

La recolección de los mismos se realizará en diferentes días, según el tipo de residuo, como se ve en la siguiente infografía:

	LUN	MAR	MIE	JUE	VIE	SAB	DOM	
ORGÁNICOS	●		●	●		●		
RESTOS		●			●			
VERDES Y VOLUMINOSOS				1		2		
RECICLABLES	LLEVAR A CENTRO DE RECEPCIÓN							
	1. BARRIOS SAN EDUARDO Y ALDEA			2. BARRIO HOSTAL DEL SOL				

Esta forma de recolectar los residuos está pensada para revalorizarlos y disminuir su impacto en el ambiente, evitando que su destino final sea el relleno sanitario.

REGULATORY ASPECT

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Diminution of Food Loss and Waste National Program

On September, 2016 Rosario joined the Diminution of Food Loss and Waste National Network.



Decree N° 2,249:
The Mayor ratifies
adhesion to the National
Program

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Municipal Ordinance N°9,558

In June 2016 a Municipal Ordinance was passed. It claims it is mandatory for all gastronomic establishments to make available to the customers the food that was not consumed in the premises.

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Decree N°45,676

Orders the Municipal Executive to carry out campaigns encouraging the customers to request the food that was not consumed in the gastronomic establishments.

COMMUNICATION ASPECT



Awareness and
Communication Campaign



9 fruit saving events



300 people from Rosario
joined



Cooking classes delivered by
a famous Rosario chef



Nature Exchange

We hand in jams made of ripe fruit

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Visiting the Composting Plant

More than 3,500 people have visited the Composting and Treatment Plant since 2015



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Next Challenges

- Good Practices Manual: consumer guide with useful recommendations to handling, buying, consuming and disposing of food.
- Communication campaign joined with big waste producers, in order to promote planning and organizing grocery shopping according to family consumption.

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Next Challenges

- Implement Municipal Ordinance N° 9,558 and Decree N° 45,676.
- Organic Waste Collection in 3 neighborhoods.
- Incorporate new technology to the Plant to optimize energy use of the processed waste.

Thank you very much