



EY Italy for
“Clean Up The World” FY23

EY RIPPLES: Accelerating
environmental sustainability FY23



Agenda



EY Ripples Program

EY Ripples: accelerate environmental sustainability

Clean Up The World 2022

EY Ripples program

What is EY Ripples:

The EY global Corporate Responsibility (CR) program provides EY people with opportunities to use their skills, knowledge and experience to support the next generation workforce, impact entrepreneurs and accelerate environmental sustainability

Principles

- Working with others to achieve impact at scale
- Using core business capabilities to make a difference
- Make long-term value an integral part of the business

GOAL:

Generate a positive impact on one billion lives by 2030

EY Ripples three areas of focus:

Supporting the next generation workforce

Supporting young and underserved people to develop the mindsets and skills they'll need to find and sustain meaningful work

Working with impact entrepreneurs

Helping scale small and growing businesses that are driving progress toward the UN Sustainable Development Goals

Accelerating environmental sustainability

Driving adoption of behaviors, technologies and business models that protect and regenerate the environment while unlocking economic opportunity



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EY Ripples Program



EY Ripples: accelerate environmental sustainability

Clean Up The World 2022

EY Ripples: accelerate environmental sustainability

At EY we believe that a **"better working world"** is an element in which everyone can contribute to and share the benefits of economic growth.

To accelerate environmental sustainability, EY is working to drive adoption of behaviors, technologies and business models that protect and regenerate the environment while unlocking economic opportunity.

In order to work towards net zero emissions by 2025 EY is collaborating with **Science Based Target** to develop a target to reduce EY overall emissions by 40% at a global level and to mostly impact on :



United Nations Sustainable Development Goals (UN SDGs):



EY Ripples: accelerate environmental sustainability

Our Partner

Legambiente is an Italian non-profit organization founded in 1980. It's the most prominent and widespread environmental association in Italy with two headquarters in Rome and Milan, 20 regional coordination offices and more than 600 local groups of volunteers.

Legambiente is **a pacifist and independent movement** and is not related to any Italian party or institution. It's **supported by more than 115,000 members**, donors and by projects and businesses that are in line with the organization's principles.

Legambiente key mission is:



Scientific environmentalism to build policies and to advocate change towards local, national and international stakeholders and institutions



To engage communities, stakeholders and people and enable them to be the leading actors of change



To drive the economy towards new models of green and circular economy



To improve the quality of life for everyone (environmentally and socially)

EY Ripples: accelerate environmental sustainability

Our Activity updated at January 2023

2019

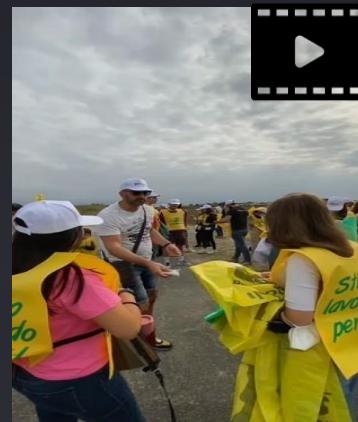
EY Italy and EY Foundation Onlus in November 2019 signed a partnership with **Legambiente**, and, together, launched the **#Betterworld** project



to develop an ecosystem based on a balanced mix of professional efficiency and environmental sustainability



Distribution of 7000 recycled aluminium 500ml bottles for EY Employees. Saving 340,000 plastic bottles and 300,000 cups per year



2020

In September 2020, EY Italy and EY Foundation Onlus joined **Legambiente** initiative **"Clean Up the World"** with about 300 EY people

*10 Green Areas and Park Litter
2 Costal Areas and Beach Litter*

2021

In May 2021, EY Italy and EY Foundation Onlus joined **Legambiente** initiative the **"Beaches and Rivers Banks environmental qualification"** to rid beaches and river banks of abandoned waste. About **200 EY people** participated and in September 2021, EY and EY Foundation Onlus joined **Legambiente** initiative **"Clean Up the World"** with about **300 EY people**

*1 Green Areas and Park Litter
2 Costal Areas and Beach Litter*



20 Oct 2021

EY is Carbon Negative



EY Ripples: accelerate environmental sustainability

Our Activity updated at January 2023



2022

EY Italy and EY Foundation Onlus joined **Legambiente** in outdoor environmental awareness activities through a "treasure hunt" with digital support

EY Italy and EY Foundation Onlus joined **Legambiente** in September 2022, "**Clean Up the World**" initiative in 12 cities with about **400 EY People**



EY launches **Plant a Tree Ripple** to take action on climate change by sponsoring the planting of over 81,000 trees.
EY Italy and EY Foundation onlus launched march 2022 the project of planting 6.500 trees with **Lifeterra**.



2025

EY plans to become **NET ZERO**

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Clean Up The World 2022

Clean Up The World: Where & How



As part of the Environmental Regeneration - Clean Up the Word event promoted by EY Foundation and Legambiente in September and October 2022, EY participated in reclamation events organized in 12 Italian cities* where EY volunteers carried out waste removal actions following a valid guide for all cities:

- Identification of a specific area to be reclaimed
- Classification by sampling categories indicated in the forms provided by Legambiente
- Weighing by waste category (paper, undifferentiated, cigarette butts, plastic, glass, bulky waste and WEEE)

**After the volunteering activity, the Data Analysts were able to reconstruct a reliable database, based on the collection and weighing data, for 5 Cities*



Milano



Roma



Bari



Brescia



Cagliari



Clean Up The World: Milano - Overview

Parco Sempione

is a park on the outskirts of Milan, overlooking **Torre Branca**. The park is a Symbol of Milan, a green lung in the heart of the city, once a parade ground located near the Castello Sforzesco. The park was built at the end of '800, and hosted the first Universal Exhibition in Milan in 1906.

The park is usually frequented by residents, groups of young people, families with children, etc.

The monitoring area was divided into two areas:

AREA A: starting from the bank for a maximum width of 5 metres, is the area that is assumed to be in constant contact with the river.

AREA B: starting from zone A up to natural or artificial obstacles (road/vegetation thicker), is the zone where the river reaches during flood and flood events, up to a maximum of 25 metres from the bank.



12
Sep 2022

47 EY
Volunteers

Lat. 45°26'41.0"N
Long. 9°15'55.4"E

> 30 Kg



84%

on 33 Kg
of total waste
collected in
Milano,
could have
been sorted*

Top 4 type of waste by category

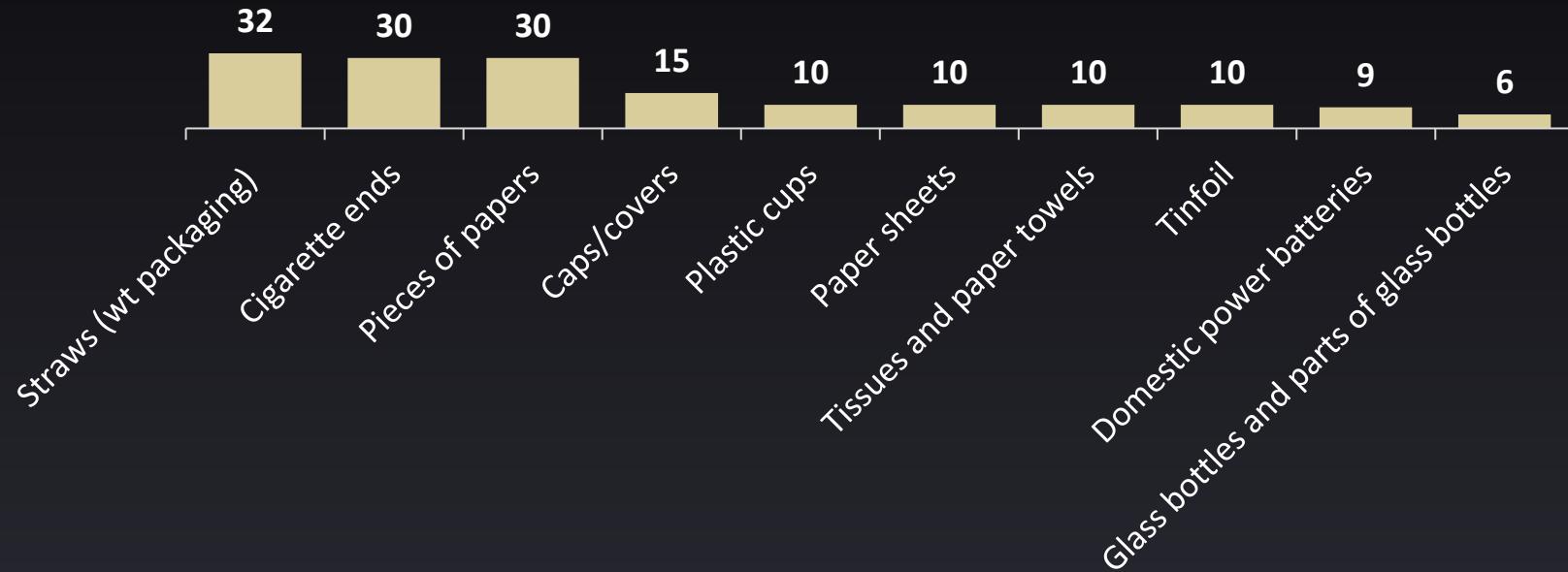


*Total of recyclable waste (glass, cigarette butts, paper, artificial polymers)



Straws and cigarette ends are the most common type of waste found

Top 10 type of waste found



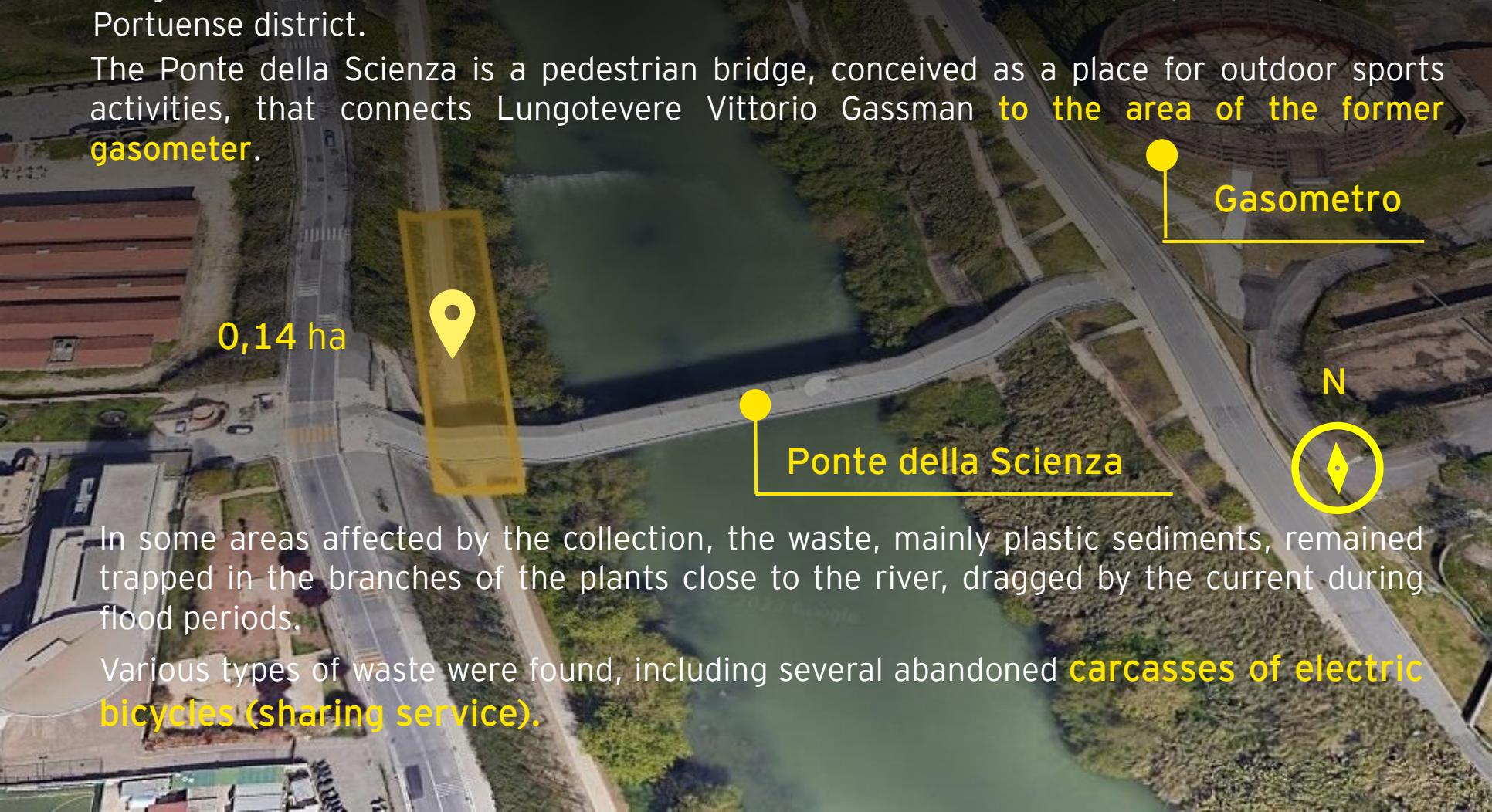
*The numbers shown in the graph are calculated in **pieces** of the specific waste mentioned in the X-axis*



Clean Up The World: Roma - Overview

The area affected by the environmental waste collection project is the stretch of **Lungotevere Vittorio Gassman/Ponte della Scienza** is the stretch of Lungotevere that connects via Antonio Pacinotti to via Pietro Blaserna, in Rome, in the Portuense district.

The Ponte della Scienza is a pedestrian bridge, conceived as a place for outdoor sports activities, that connects Lungotevere Vittorio Gassman **to the area of the former gasometer**.



In some areas affected by the collection, the waste, mainly plastic sediments, remained trapped in the branches of the plants close to the river, dragged by the current during flood periods.

Various types of waste were found, including several abandoned **carcasses of electric bicycles (sharing service)**.



Lat. 41°52'06"N
Long. 12°28'21"E

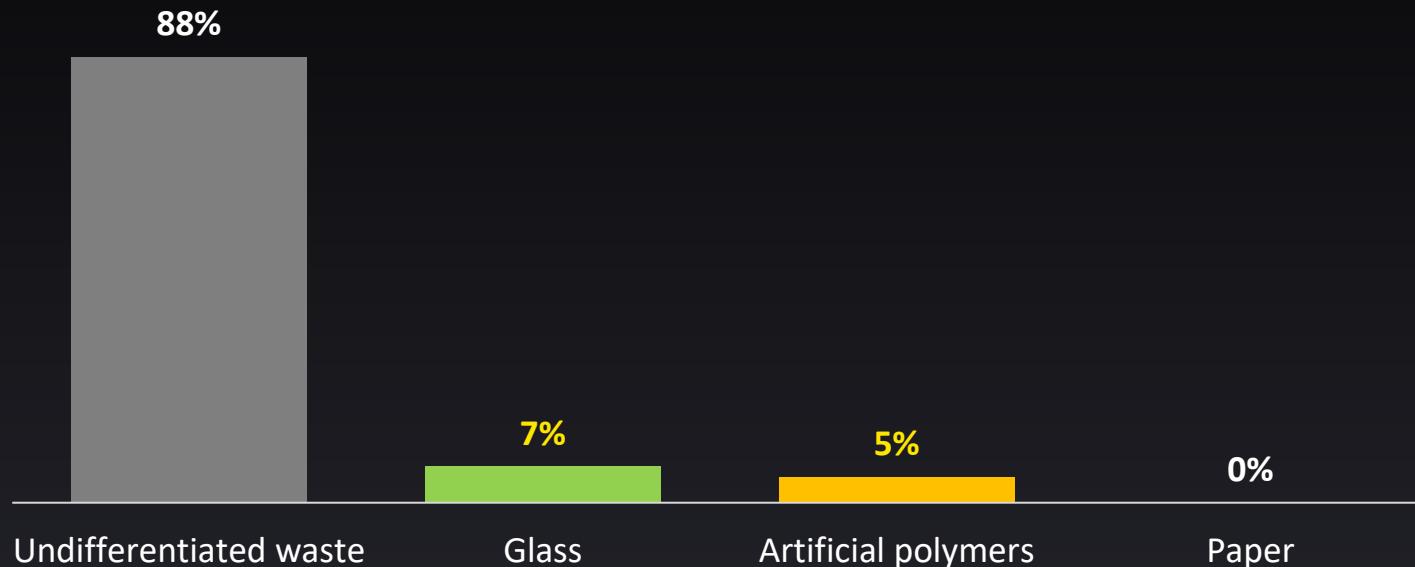




12%

on 589 Kg
of total waste
collected in
Rome,
could have been
sorted*

Top 4 type of waste by category

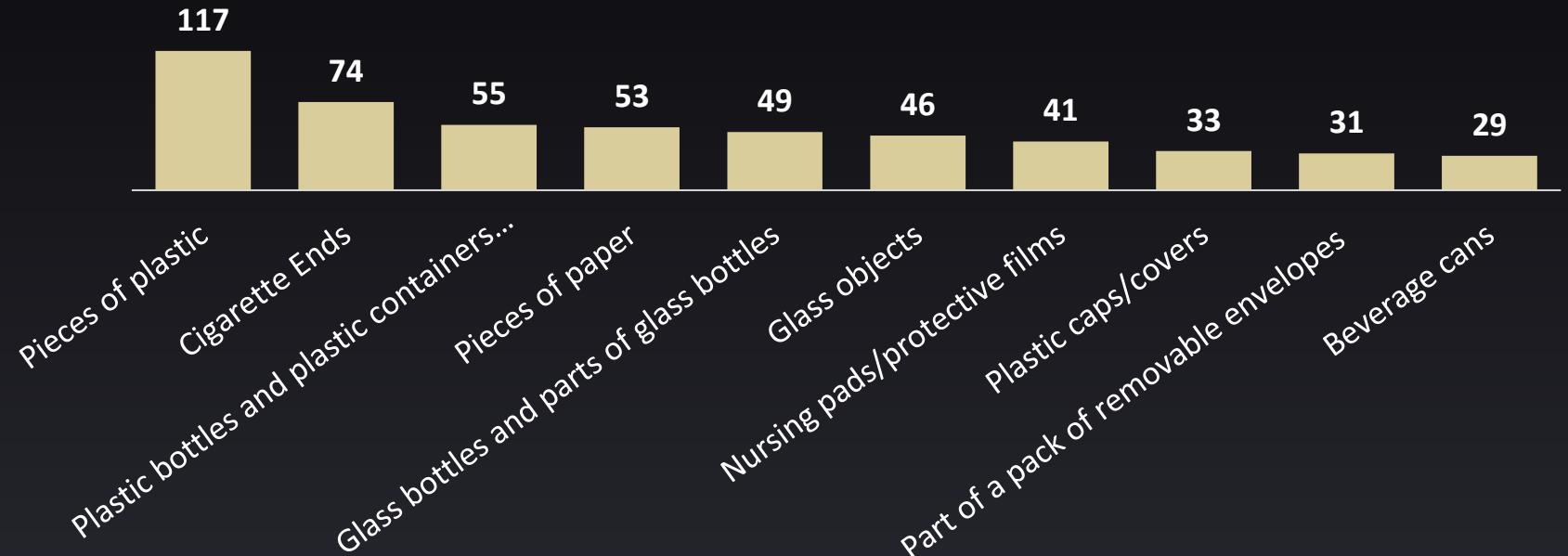


* Total of recyclable waste (glass, artificial polymers)



The most common type of waste found was **pieces of plastic**, followed by **cigarette ends**

Top 10 type of waste found



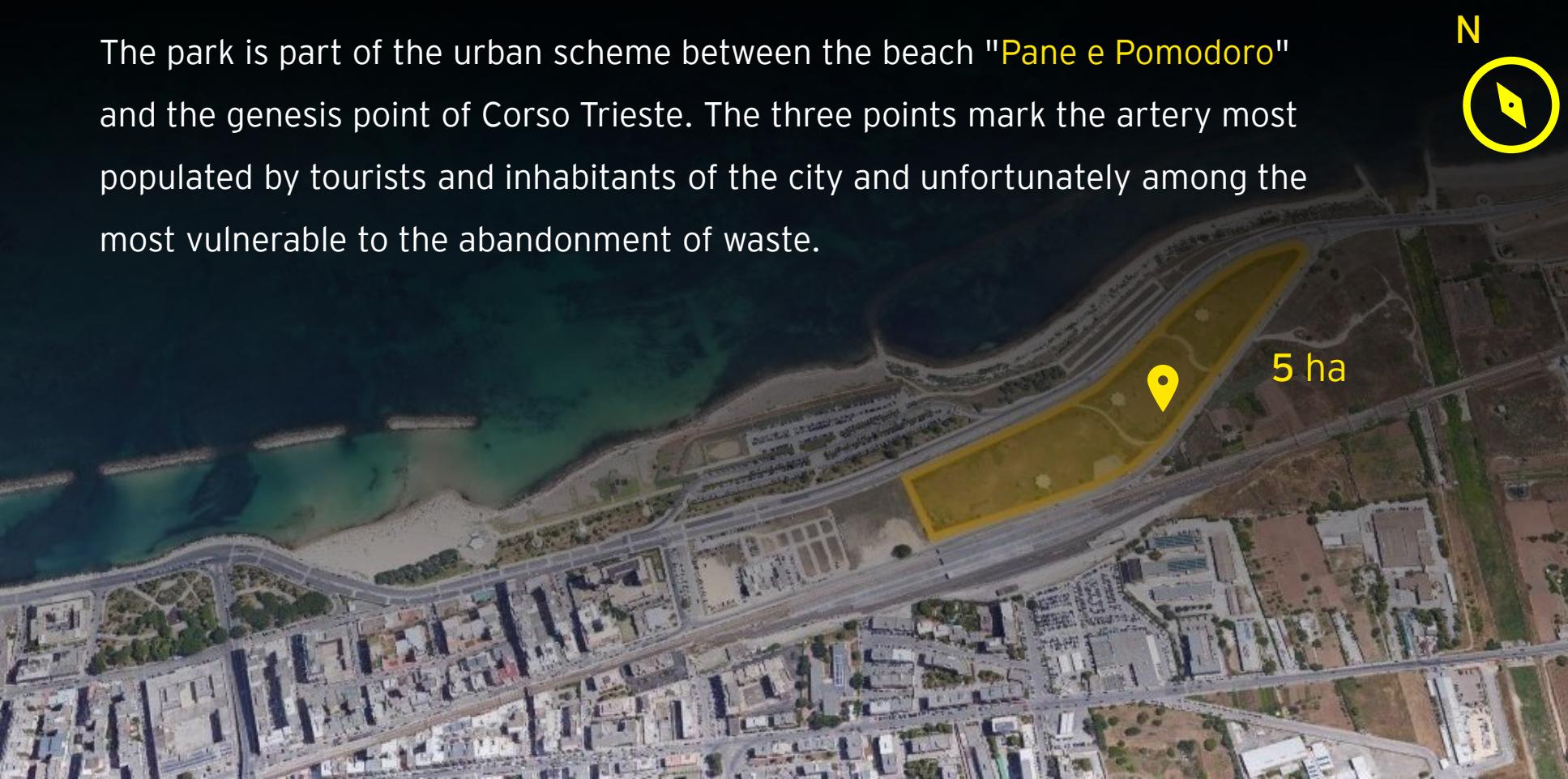
*The numbers shown in the graph are calculated in **pieces** of the specific waste mentioned in the X-axis*



Clean Up The World: Bari - Overview

Parco Perotti is an urban park and former real estate complex of 5 ha that was built on the seafront of Bari in 1995. It takes the name of Armando Perotti, to whom the street is dedicated.

The park is part of the urban scheme between the beach "Pane e Pomodoro" and the genesis point of Corso Trieste. The three points mark the artery most populated by tourists and inhabitants of the city and unfortunately among the most vulnerable to the abandonment of waste.



Lat. $41^{\circ} 7' 4,07''$ N
Long. $16^{\circ} 53' 33''$ E

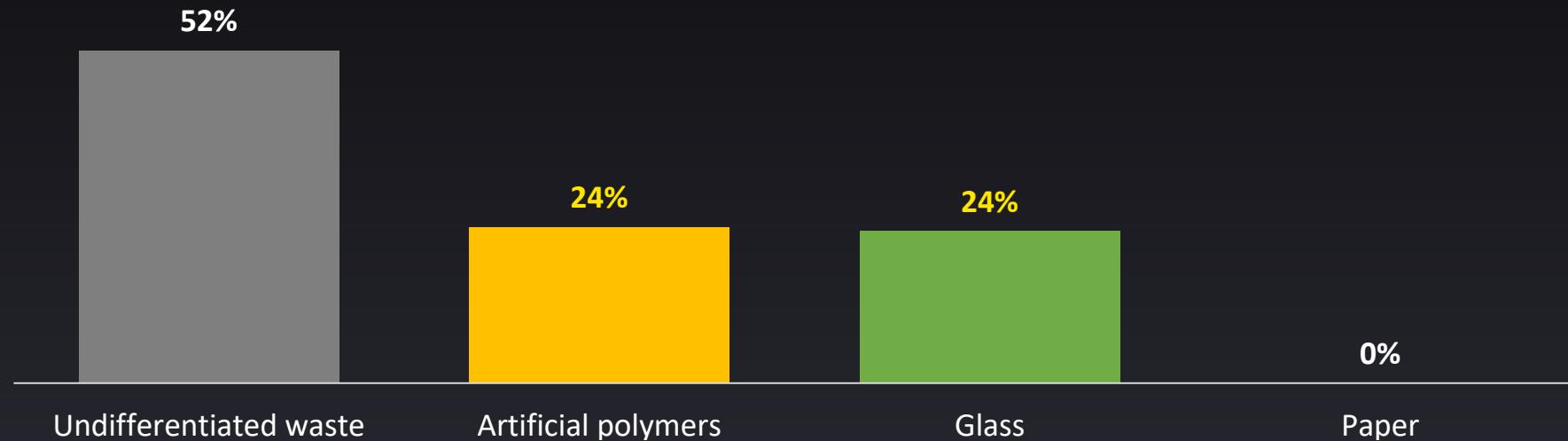




48%

on 114 Kg
of total waste
collected in
Bari,
could have
been sorted*

Top 4 type of waste by category

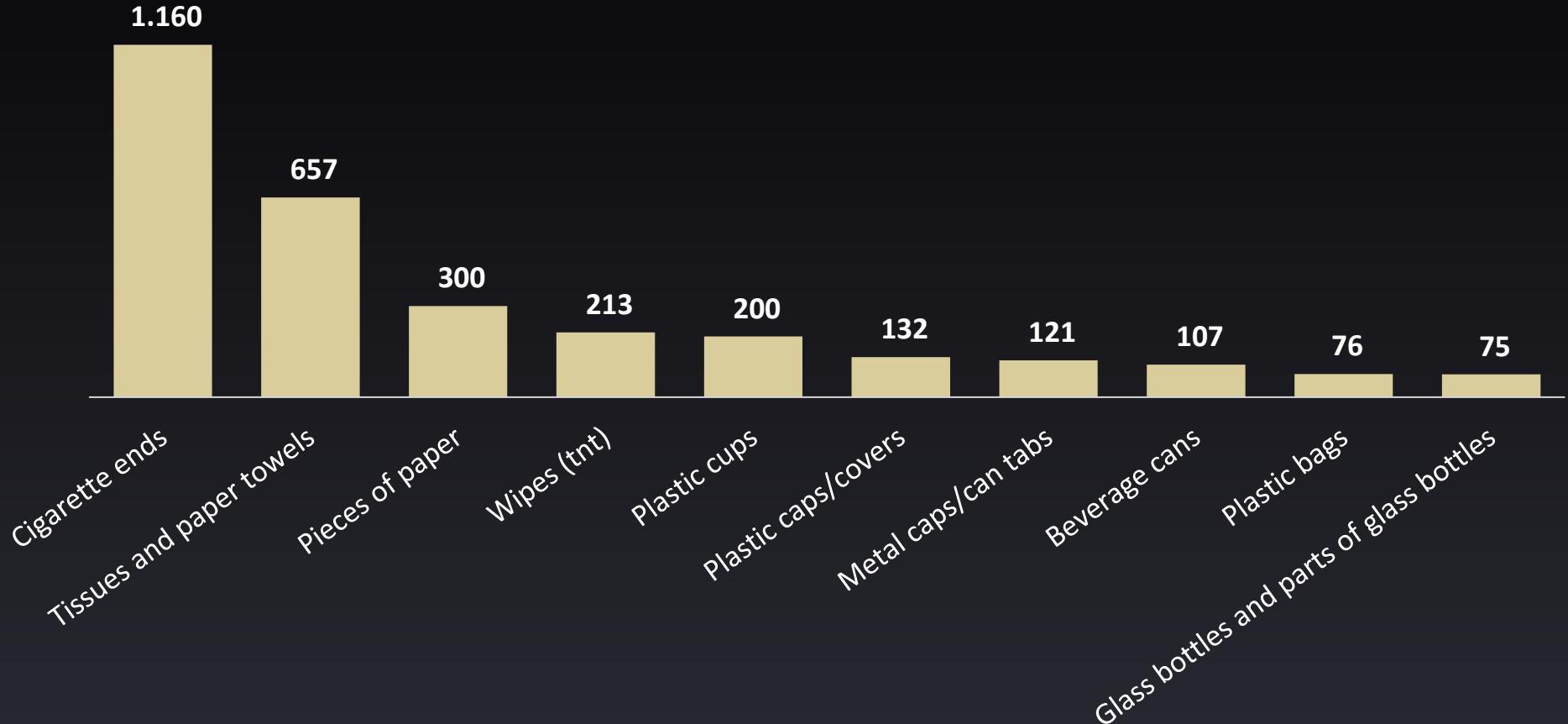


**Total of recyclable waste (glass and artificial polymers)*



The most common type of waste found was **cigarette ends**, followed by **pieces of paper**

Top 10 type of waste found



*The numbers shown in the graph are calculated in **pieces** of the specific waste mentioned in the X-axis*



Clean Up The World: Brescia - Overview

Fiume Mella is a torrential river that runs through the province of Brescia.

Symbol of the landscape and the Celta of the inhabitants is for walks and hikes.

EY and Legambiente have cleaned up the river, stuffed with waste after the last event flood occurred in 2019.



19
Sept 2022



29 EY
Volunteers

Lat. 45° 33' 20" N
Long. 10° 12' 05" E



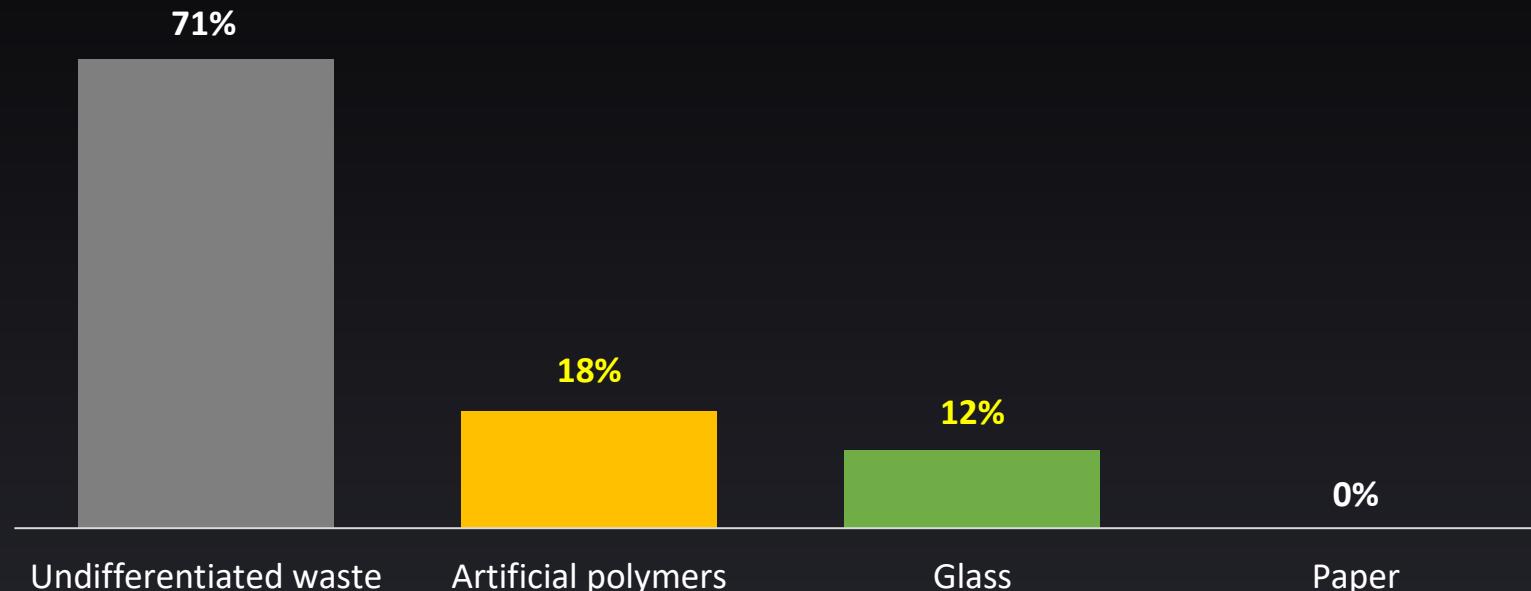
> 400 Kg



30%

on 440 Kg
of total waste
collected in
Brescia,
**could have
been sorted***

Top 4 type of waste by category



**Total of recyclable waste (glass and artificial polymers)*



Clean Up The World: Cagliari - Overview

Spiaggia Calamosca is one of the main

beach of Cagliari that extends for about twelve kilometers, from the Sella del Diavolo to the beginning of the coast of Quartu Sant'Elena where it takes the name of Quartu beach (or Poetto di Quartu).

The beach in its extension, which goes from **Marina Piccola** to **Margine Rosso**, develops for about seven and a half kilometers between the territory of Cagliari and Quartu Sant'Elena.

0,25 ha



N



21
Sept 2022



10 EY
Volunteers

Lat. 39° 11' 11" N
Long. 9° 08' 59" E



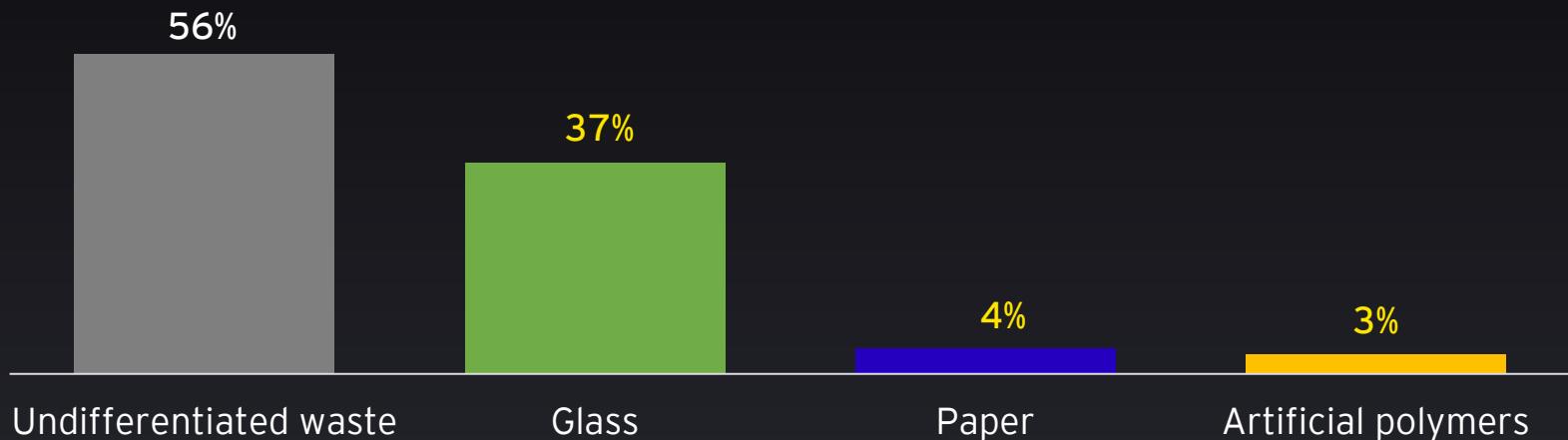
> 150 Kg



44%

of 180 Kg
of total waste
collected in
Cagliari,
**could have
been sorted***

Top 4 type of waste by category



**Total of recyclable waste (glass, paper, artificial polymers)*



1.356 KG
WEIGHING DATA

UNSORTED WASTE

67%



922 KG



434 KG

10 % Plastic



14 % Glass



1 % Paper



1 % Cigarette butts



7 % Bulky waste and WEEE



33%
SORTED WASTE

Clean Up The World: Who

More than 400 EY volunteers involved in waste collection alongside Legambiente

