

# WASTE PREVENTION

"Our security collapsed, our will to power and our aim for control collapsed. We find ourselves weak and full of fear, immersed in a series of crises: health, environmental, food, economic, social, humanitarian and ethical. Strongly interconnected cross-cutting crises, the foreshadowing of a 'perfect storm', capable of breaking the 'ties' that unite our society. (...) We can play a role in changing and collectively responding to the unprecedented threat of climate change and the degradation of our common home." Pope Francis

## PREVENTION FIGURES...

15 173,82 tons of avoided waste  
725 461 € of avoided cost with waste treatment  
24 103,65 € of avoided CO2e emissions

3 255,77 tons of avoided CO2e emissions is equivalent to

374 t CO2e emitted by electricity consumption  
1 252 t CO2e emitted by automobile circulation  
325,6 t CO2e sequestered by the forest

<https://portal.lipor.pt/pls/apex/f?p=2020:2:0>

## PRESERVING ECOSYSTEMS

### URBAN KITCHEN GARDENS

4 New urban kitchen gardens | + 258 plots for cultivation  
10 kitchen gardens with analysis to soil/water/food  
56 active kitchen gardens | 13,77 ha of organic food production area

### SUSTAINABLE GREEN SPACES

170 ha Lipor's green spaces area managed with sustainable Practices



## REDUCE

### DOSE CERTA

6 New Entities  
48 Certified Entities

### EMBRULHA.

177 Restaurants (39 new)  
57 590 Distributed packages

## REUSE

### LIPOR'S GOODS BANK

46 internally reused goods  
6 donated goods (furniture)

### T-CIRCULAR

4 Swap Markets took place at Lipor's facilities  
(partnership with Let's SWAP)

### BOOKCROSSING

1 new spot at LIPOR's facilities

168 Participants

777 used goods gained a new life

(textiles, books, toys)

22 published Tips on "Prevention and Conservation of Clothes"

## RECUPERAR

### UPCYCLING

31 New objects created with the incorporation of waste  
6 Published tips "Faça você mesmo" (Do it Yourself)

### CREW

388 Recovered Electrical and Electronic Equipment  
1000 Repair hours

For each €1 invested in the CREW project,  
€3.35 of social value were created in 2021!

## RECOVER

### HOME COMPOSTING

437 Delivered composters | 17 085 implemented

### COMMUNITY COMPOSTING

10 active community composting spaces (4 formal and 6 volunteers)

### GREEN WASTE COMPOSTING PARK "GORGOLITO"

17 Users from Rates and Balasar delivered green waste to compost.



## KNOWING TO ACT

### GERAÇÃO + (GENERATION +)

*Educational Axis - Sustainability in the Institution*

692 Awareness Raising Activities | 10 950 Participants  
5 Instituições Reconhecidas

*Local Axis - Sustainability in the "community"*

1 new parish council with territorial diagnoses concluded:

Perafita, Lavra e Santa Cruz do Bispo Parish Union

1 participative workshop | 23 participants

### PREVENTION WORKSHOPS/EVENTS

101 Workshops /Events: Biological Agriculture, Food Waste, Home Composting, WEEE Repair, Creative Reuse

### LIPOR ACADEMY

31 Training Actions on Prevention

*Families Axis - Sustainability at Home*

3 Families with initial diagnosis concluded  
(7 applications received)

## SPREAD THE MESSAGE

227 News in the media  
1 768 502 € of Media Value

35 Technical/pedagogical visits to the Horta da Formiga space and the Lipor Reuse Center

## INNOVATION IN PROCESSES | GENERATING KNOWLEDGE

3 Scientific articles approved for oral communication at the International Solid Waste Association Congress (September 2022 | Singapore):

- Measuring Waste Prevention: A practical way to do it
- Accounting for Nature Contributions to People in a sustainability strategy: the case of a Waste Management Company in Portugal
- Measuring social ROI: A community approach to electric and electronic repairs

2 Life Cycle Analysis Studies:

CREW (concluded)

Dose Certa (started)

1 Reuse Sector Characterization Study (ongoing)

4 tools were developed to promote the circularity of goods, within the scope of Cityloops:

Check-list of circularity; Predictive Tool and Circular Public Procurement and Green Spaces Certification.



We count with you to continue... Reinventing tomorrow!