

WASTE PREVENTION

1ST HALF 2023

Integrating the waste hierarchy into a waste management strategy is the first step towards change! How to move forward from there? Measure waste prevention: define indicators and targets and monitor results and their impacts. It is essential to identify local actors, monitor, share experiences and create synergies.

IN LIPOR AREA AND ITS MUNICIPALITIES, WE ARE ALREADY 23 PARTNERS COLLABORATING AND MEASURING PREVENTION!

1 MEASURE

PREVENTION IN NUMBERS...

5,897.53 t of avoided waste
€275,533 of cost avoided with waste treatment
€50,422.2 in CO2e emissions avoided
23 Partners

1,326.90 t CO2e emissions avoided

153 t CO2e emitted by electricity consumption
510 t CO2e emitted by car traffic
132.6 t CO2e sequestered in the forest

which equates to...

<https://portal.lipor.pt/pls/apex/f?p=2020%3A2%3A0>

ACT NOW

2 ACT FOR CHANGE

CIRCULAR

SUSTAINABLE PUBLIC PROCUREMENT

Creation of a Framework Agreement for Electricity from 100% renewable energy sources.

CIRCULAR PRACTICES

Grande Hotel do Porto | Hotel Santa Catarina | Association "Somos Nós" implemented a model of circularity: from the acquisition of goods, production, reduction, local valuation and selective collection!

PRESERVE

URBAN GARDENS

1 New vegetable garden | + 22 gardeners
56 active vegetable gardens | 2,030 plots
13.86 ha of sustainable food production

SUSTAINABLE GREEN SPACES

135 ha of green spaces managed with sustainable maintenance practices

REDUCE

DOSE CERTA (RIGHT PORTION)

4 new establishments
50 certified establishments

WRAP IT.

22 new restaurants
198 participating establishments

REUSE

GOODS BANK | UPCYCLING

11 Reused goods
7 Creatively Transformed Pieces

T-CIRCULAR

3 Exchange Markets in partnership with Let's SWAP
753 pieces of clothing and 171 books exchanged

CREW

142 Electrical and Electronic Equipment Refurbished

VALUE

HOME COMPOSTING

197 Composters delivered
17 282 Composters implemented

COMMUNITY COMPOSTING

10 active compost spaces (4 formal and 6 voluntary)
7 Compost Masters (1 formal and 6 volunteers)

"GORGOLITO" GREEN WASTE COMPOSTING PARK

18 inhabitants/companies from Rates and Balasar delivered their green waste for composting

3 KNOW TO ACT

GENERATION +

Education Axis— Sustainability in the Institution
533 Awareness actions | 10,389 Participants
11 recognized institutions

Local Axis— Sustainability in the "community"
2 Territories and 12 actions for change:
Perafita, Lavra e Sta. Cruz do Bispo; Ermesinde
Partnership with Trinsheira Association -
community activation

Families Axis— Sustainability at home
3 Families dedicated to biowaste reduction and valorization
9 Tips for reducing food waste
3 "Foodcycler" - household equipment to process food
waste into Ecochips (dehydrated waste)

PREVENTION WORKSHOPS/EVENTS

83 Workshops /Events: Organic farming,
Food Waste, Home Composting,
WEEE Repair, Upcycling

LIPOR ACADEMY

21 Training actions on Prevention
1 new training "Reuse Communities"

INNOVATE PROCESSES | GENERATE KNOWLEDGE

4 Scientific articles approved for oral communication at the International Solid Waste Association (ISWA) congress | October/November 2023 in Muscat, Oman:

- Small solutions, big impacts: LIPOR's sustainable green area project tackling climate change
- Is repair and reuse sustainable? A Life Cycle Assessment of e-waste
- Enhancing health and safety of waste management operations using IoT
- When the waste sector doesn't waste anything, not even a chance!

Life Cycle Analysis study related to food waste - Dose Certa (Right Portion) (in progress)

Characterization study of the social reuse sector in LIPOR area

Study to Enhance the Reuse and Recycling of Electrical and Electronic Equipment Waste in LIPOR area

"The era of global warming is over. The age of global ebullition has arrived!"

Antonio Guterres
Secretary-General of the United Nations (27-07-2023)

4 DISCOVER

SPREAD THE MESSAGE

96 News in the media
€4,554,898 of Media Value generated

121 Technical pedagogical visits:
Horta da Formiga | Adventure Park and Ecological
Trail | Reuse Center

TAKE
CARE
EARTH