Vision and strategy for waste management in the Ionian Islands Region
Vision & Strategy

Infrastructure completion
• Expansion of activities including management of additional types of solid waste, and in particular inert and industrial solid waste.

Recycling & sorting at source
• Adopt measures and promote actions for the implementation of the Solid Waste Management merit order

European Programs & Innovation
• Implementation of a rationalized management system, in accordance with the national and regional objectives, as well as the requirements of the current legislation

Reducing the Consequences of Climate Change - Environmental Impact Reduction
• The Management Authority is operating based on the protection of the environment, public health and ensuring its viability

Collaboration with Ionian University, other academic - research institutes & protected area management bodies
• Taking a leading role in promoting waste treatment projects at regional level.
• Working towards establishing the Management Authority as a reliable and competent institution, which provides high quality services.
Areas of intervention

- Internal
- External

Actions

- Environment
- Administrative development-reform
- Awareness
- Financial development

Topics

- Environmental protection
- Ensuring public health and good life quality
- Sustainability
- Operating procedures
- Organization
- Human resources
- Informing citizens of the relevant Management Unit
- Sustainability
Municipal Solid Waste Management Facilities

Corfu Island Management Unit

Corfu Landfill (Temploni)

Recyclable Materials Sorting Center (Akrokefalos Temploni)
Municipal Solid Waste Management Facilities
Kefallonia & Ithaka Islands Management Unit

Kefallonia Landfill (Pallosti Argostoli)
Mechanical and Biological Waste Treatment Unit (Pallosti Argostoli)
Recyclable Material Transfer Station (Pallosti Argostoli)
Waste transfer station Ithaka (Vathy)
Municipal Solid Waste Management Facilities
Zakynthos Island Management Unit

Skopos Landfill

Transitional Waste Management Unit (Livas)

Recyclable Materials Sorting Center

Waste transfer station
Municipal Solid Waste Management Facilities

Lefkada Island Management Unit

Waste Transfer Station

Recyclable Material Transfer Station
Collaboration with the Ionian University, other Academic - Research Centers & Management Institutions of Protected Areas

- Center for university research in the field of waste management and utilization
- Hub with start ups related to waste management
- Systematic involvement with European projects in collaboration with the Ionian University and other bodies (private & public).
Regional Waste Management Planning & Objectives

General targets
- Prevention
- Circular Economy
- Systematic monitoring
- Information - Awareness

Sorting at Source
- Full biodegradable waste network
- Separate collection of recyclables & development/expansion of sorting at source
- Sorting at source for bulky waste, textile waste etc.

Reuse - Recycle
- Reuse & recycle 55% until 2025, 60% by 2030
- Recycling of packaging 65% by 2025 and 70% by 2030
- Creation of infrastructure for storage, refining, processing, recovery

Minimize the use of landfills
- Landfill use <10% by 2030 & energy utilization of residues and secondary fuels
Sorting at Source – Objectives for the Municipalities on the produced waste

- **Bio-waste**
  - 25%
  - brown bin, composting at home, greens, fats & oils

- **Standard Recyclables**
  - 30%
  - paper, plastics, metals, glass

- **Non-standard Recyclables**
  - 5%
  - bulky, electronics, batteries

- **Residual mixed waste**
  - 40%

Total: 60%
Regional Waste Management Planning & Actions – Sorting at source

- All Municipalities should be provided with brown bins and home composting equipment.
- Expansion of the network for separate collection of wastes from edible fats and oils
- Development of a network for a separate collection of printed paper
- Enhance sorting at the source of recyclable materials with Green Spots and Recycling Corners
- Separate collection of aluminum
- Separate collection of bulky waste
- Separate collection of textile wastes
- Development of a separate collection of hazardous household waste
- Uniform color and type of waste bins
- Promotion of creative material reuse centers (KDEY)
Regional Waste Management Planning & Actions

- Strengthening prevention measures (Regional Plan based on National Prevention Plan)
- Review of Local Waste Management Plans
- Information, awareness and reward actions for the citizens
- Detailed recording of real costs for waste management and implementation of Pay As You Throw (PDO) systems
- Update of the Municipal Cleaning Regulations
- Determination of the qualitative composition of the solid wastes
Central infrastructure

- Adaptation of Waste Treatment Units to the objectives set in the National Waste Management Plan (NSRF) 2020 – 2030
  - Production of waste fuels to achieve the landfill target of 10%
  - Triple unit entry function: Bio-waste - Residual mixed solid wastes and gradually Recyclable
- Ensuring the safe disposal of residues from the processing of the solid wastes
• **Corfu waste treatment unit:** Tender with value option that includes: fuel production, increase of bio-waste treatment capacity & recycling.

• **Kefalonia – Ithaka waste treatment unit:** The contract includes an option for the construction of additional projects for the production of secondary fuel. According to the **Regional Waste Management Planning**, the unit will have to be adapted in order to accept recyclable materials.

• **Zakynthos waste treatment unit:** According to the **Regional Waste Management Planning**, an increase in the treatment capacity of bio-waste and recyclable materials is required.

• **Lefkada waste treatment unit (interregional unit):** According to the **Regional Waste Management Planning**, an increase in the treatment capacity of bio-waste and recyclable materials is required.
Thank you