Integrating the circularity of waste in the primary sector: synergies between LIFE IP CEI and LIFE MiCliFeed

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Circular Economy Implementation in Greece
**Scope:**
To contribute to and enhance the implementation of:
- the National Strategy for Circular Economy
- the National Waste Management Plan
- the National Waste Prevention Programme at country level.

**Partners:** 20

**Duration:** 8 years (1 Nov 2019 – 31 Oct 2027)

**Actions:**
A. Preparatory actions, C. Concrete implementation actions, D. Monitoring of the impact of the project actions, E. Public awareness and dissemination of results, F. Project Management and monitoring of project progress

**Budget:** 15,94 M€ (EU co-funding: 60%)

**Website:** https://circulargreece.gr

**Social media:** Circular Greece
PILOTS

- Development of pilot actions in 9 Municipalities and 1 Region to promote the practical implementation of waste hierarchy:
  - Integrated Waste Management based on circular economy principles
    (islands of Paros, Antiparos, Thira, Alonissos, Tinos, Municipality of Nafpaktia)
  - Preparation for reuse and separate waste collection, EGC's
    (Municipalities of Athens, Thessaloniki, VVV)
  - Hazardous household waste management
    (Municipality of Athens, Region of Western Macedonia)
  - Implementation of financial tools, PAYT
    (Municipality of VVV)

AGROFOOD WASTE INTEGRATED MANAGEMENT

- Development of alliances for the agro-food waste management in the context of circular economy

FOOD WASTE PREVENTION

- Implementation of actions to promote food waste prevention:
  - Setting up measurement and annual reporting on national food waste generation in Greece
  - Development and operation of a Food Waste Prevention Hub
  - Food waste prevention demonstration actions
  - Establishment of Stakeholder Food Waste Prevention Forum
**MONITORING**

- Build-up a knowledge base to support monitoring of circular economy, particularly in the field of waste management:
  - Development of national monitoring indicators and establishment of National Observatory for Circular Economy

**COMPLEMENTARY FUNDING**

- Mobilize complementary funding resources to support the effective implementation of the National Waste Management Plan

**ECONOMIC INSTRUMENTS**

- Enhance the use of economic instruments

**AWARENESS**

- Improve awareness of key stakeholders, authorities and the general public towards the application of circular economy principles in the field of integrated waste management:
  - Stakeholder engagement and capacity building actions (workshops, distance learning)
  - Development of a web-based National Circular Economy Repository
  - Public awareness via various communication actions and tools: regional & local events, production and distribution of information & audiovisual material
  - Recycling, Repair and Reuse Experiential Park in an urban municipality

**DISSEMINATION OF RESULTS**

- Dissemination of project results and promotion of their replication in other areas
Synergies between **LIFE IP CEI** and **LIFE MiCliFeed**

**LIFE IP CEI**
- Enhances waste production prevention
- Promotes integrated waste management through Circular Economy (reuse, recycling, valorization)
- Supports and encourages enterprises’ symbiosis
- Promotes the formulation of Voluntary Alliances of the interested parties:
  - Waste producer
  - Waste processor
  - New product consumer

**LIFE MiCliFeed**
- Its scope is in compliance with the principles of Circular Economy
- It develops innovative methods to utilize waste streams derived by the local bio-economy of the primary agricultural sector for the production of high nutritional value feed for small ruminants

**Waste producer**
- Wineries
- 3-phase olive mills
- Carobs processing
- Pomegranate processing

**Waste processor**
- Grape marc
- Solid cake residue
- Slurry residue
- Carobs residues
- Peel/rind seeds

**New product consumer**
- Animal feed factory
- Bioactive livestock feeds
- Small ruminants breeding units
Benefits by implementing Circular Economy:

✓ Reduction of waste management/ disposal requirements
✓ Waste become useful raw materials
✓ Reduction of raw materials purchasing costs
✓ Reduction of GHG emissions due to localization of the production circle
✓ Creation of new products, thus new business opportunities
✓ Development of new business turnover
✓ Creation of new job positions
✓ Enhancement of local economies