

The LIFE-F4F Project

Cooperative Hotels

Project title:

Food for Feed: An Innovative Process for Transforming Hotels' Food Wastes into Animal Feed

Project code: LIFE15 ENV/GR/000257

Project acronym: LIFE-F4F (Food for Feed)

Project duration:

1/9/2016 - 28/2/2020 (42 months)

Project Beneficiaries:

- Eniaios Syndesmos Diaxeirishs Aporrimation Kritis (United Association of Solid Waste Management in Crete)
- Agricultural University of Athens
- Freie Universität Berlin
- Harokopio University
- Technological Educational Institute of Crete

Project Budget:

Total project budget: 2.580.619,00 €

Total eligible project budget: 2.432.047,00 €

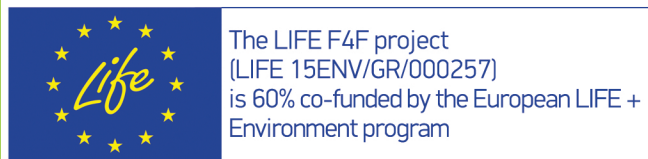
EU financial contribution requested:

1.459.227,00 €



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More information for the project:

- www.life-f4f.gr
- Life F4F - Crete
- Life F4F - Crete
- Life F4F - Crete

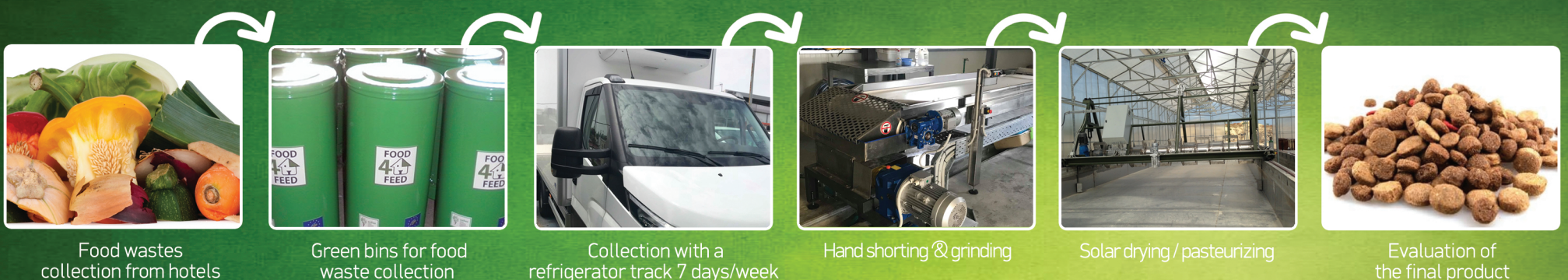


Project main aim:

The main aim of the F4F project is to evaluate, through a pilot scale realisation, an innovative, simple technology and low emissions process that allows the safe transformation of source separated food wastes, mainly from hotels (and generally from the hospitality industry and restaurants), into animal feed, utilising an altered solar drying process.



PROJECT FLOW CHART



Pilot unit specifications: Capacity (feedstock): 1.5tn/day

Production period: April – October | Production Capacity: 40-50tn of final product per year

Project objectives:

1. Determining in pilot scale, the quality of the animal feed produced in relation to both the wastes source separation system existing and operating in hotels (and secondarily in restaurants) and the suggested innovative drying / pasteurising methodology, based on the solar drying technology.

2. Determining the various technical aspects of the suggested process, the main components of which are:
- a) non-invasive, refrigerated, separate collection
 - b) hand sorting / removal of non-food wastes
 - c) grinding

- d) solar drying / pasteurizing of the mixed food
 - e) mixing with other animal feed
3. Evaluating the economical, marketing and environmental parameters related to the process
4. Evaluating the policy parameters related to the process