

## LIFE-F4F

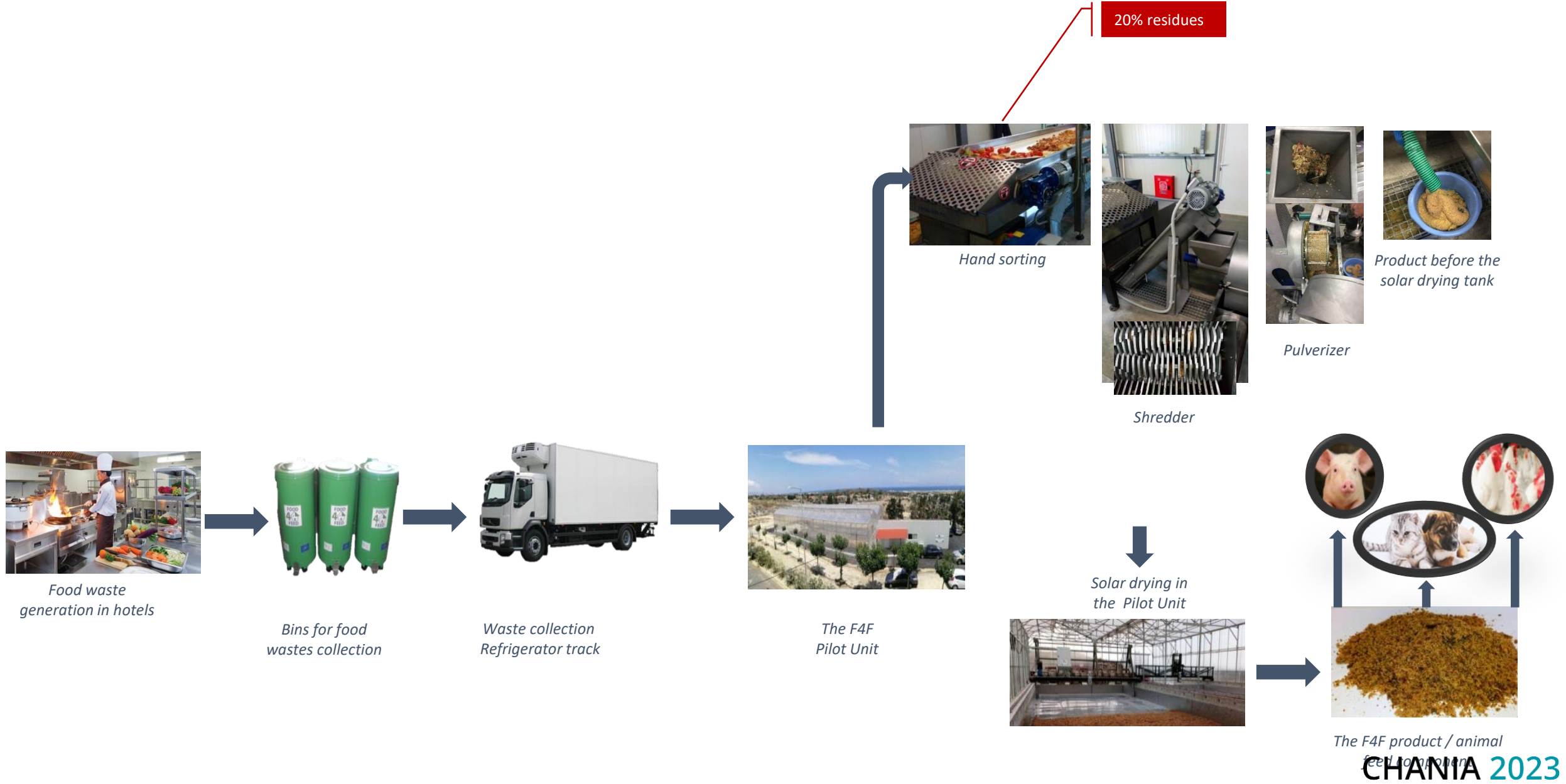
# Food for Feed: An Innovative Process for Transforming Hotels' Food Waste into Animal Feed

LIFE15 ENV/GR/257

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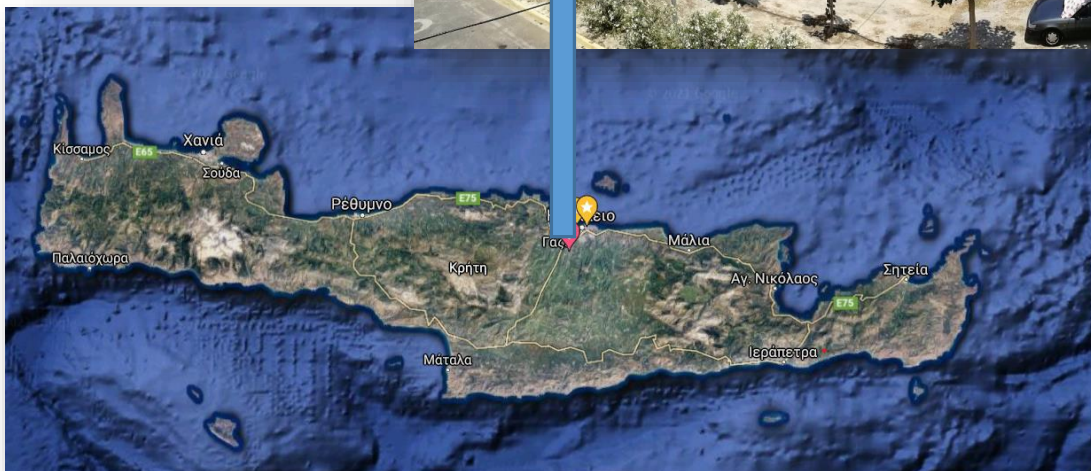
# The F4F Production Flow Chart



# The F4F LIFE Project

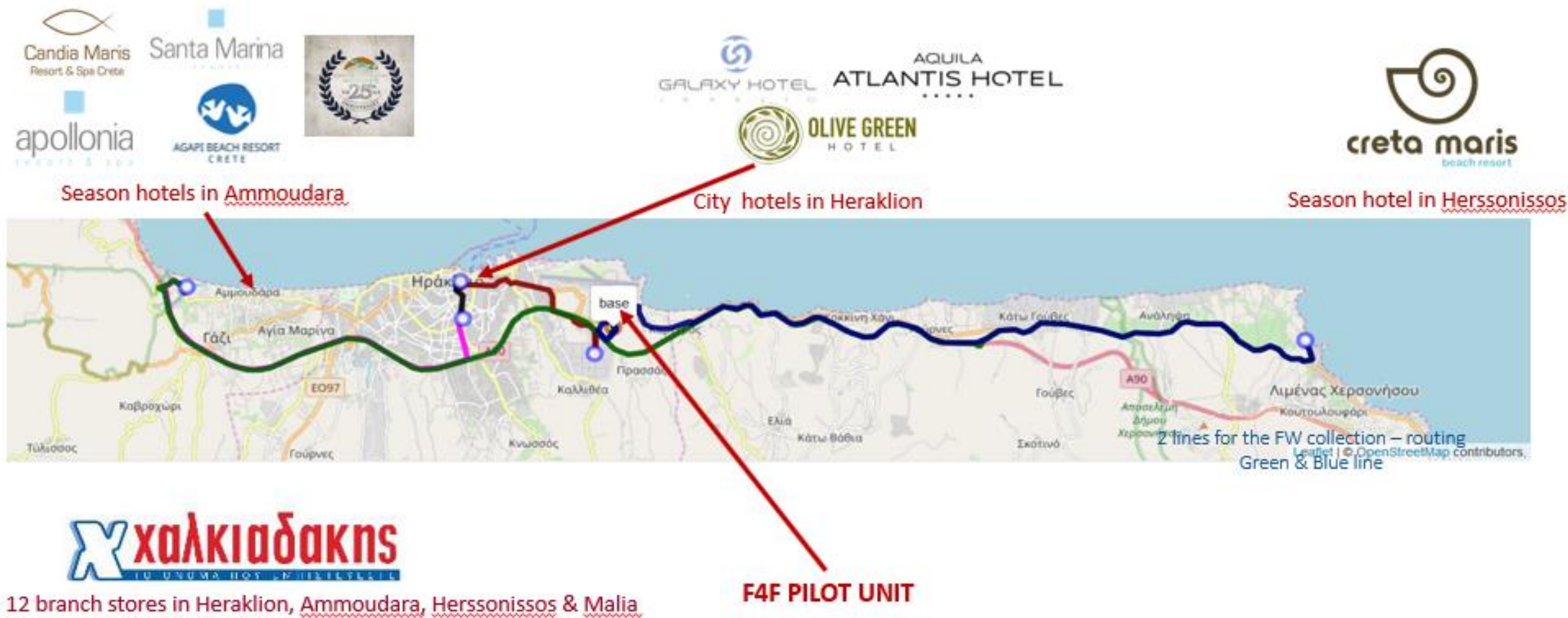
- Production of animal feed components from food waste

The pilot unit (1,5tn/day)

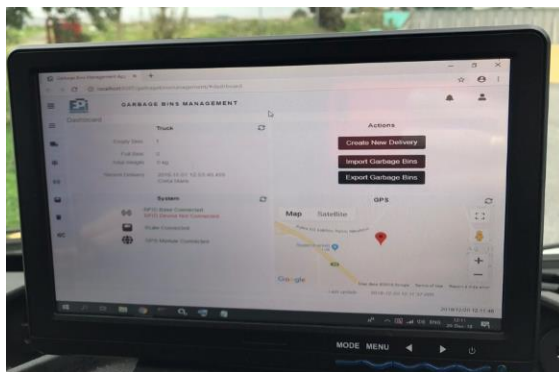




# Cooperative Units with the F4F



# Refrigerator track for collection of food waste from hotels





# During food waste collection from hotels



# In the pretreatment unit ...

## Weighting - Hand sorting – Shredding - Pulverizing



*Food waste  
weighting*



*Sorting belt*



*Shredder*



*Pulverizer*



*Product before the  
solar drying tank*



# In the Solar drying unit...





# The F4F product ... as feed component...



- ✓ initial moisture 75 – 80%
- ✓ final moisture < 12%
- ✓ Drying rate < 6 days
- ✓ Crude protein 21-24%
- ✓ Crude fiber 16-21%
- ✓ Ether extracts (fats) 3-6%
- ✓ Evaluated as feed component
- ✓ Included in feedstuffs at 8-15%

Average drying rate: 6-8 days



# KEEP FOOD LOSSES IN THE FOOD CHAIN !!!!

<https://life-f4f.esdak.gr/>

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 life-f4f.gr