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

Food waste generation in hotels

Bins for food wastes collection

Waste collection Refrigerator track

The F4F Pilot Unit

Hand sorting

Pulverizer

Shredder

Product before the solar drying tank

Solar drying in the Pilot Unit

20% residues

The F4F product / animal
The F4F LIFE Project

➢ Production of animal feed components from food waste

The pilot unit (1.5tn/day)

The hand shorting & pretreatment unit

The solar drying unit
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

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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