

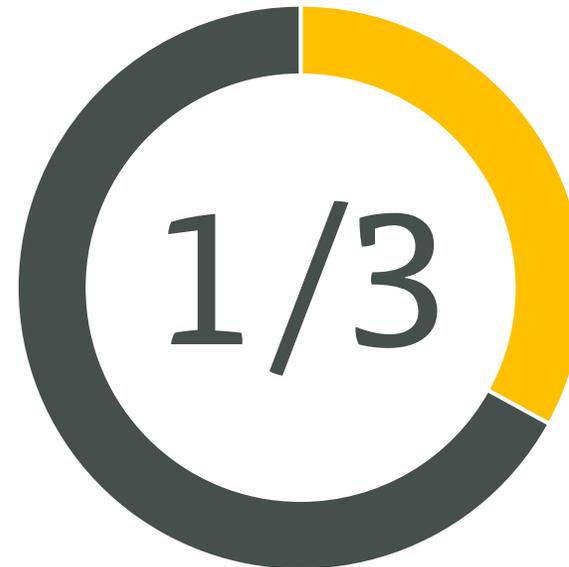


BIOMUND



Bio-waste

- Agricultural residues
- By-products of food production
- Residues from fruit and vegetable processing
- Unused food

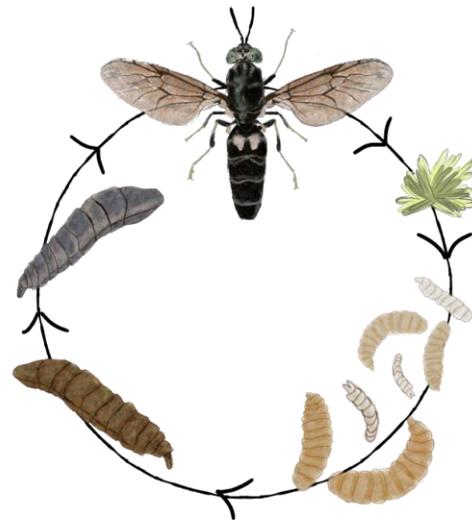




Solution from nature

Hermetia illucens

- Cultivation does not require large areas of land
- Short growing time
- High productivity
- Up to 70% protein is recovered



From hatching to adult
larvae 10 -12 days



How to grow and process?

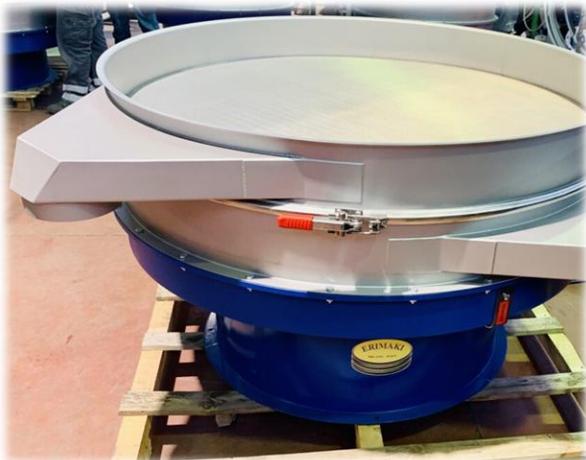
Reproduction



Breeding



Processing





Products



Insect meal



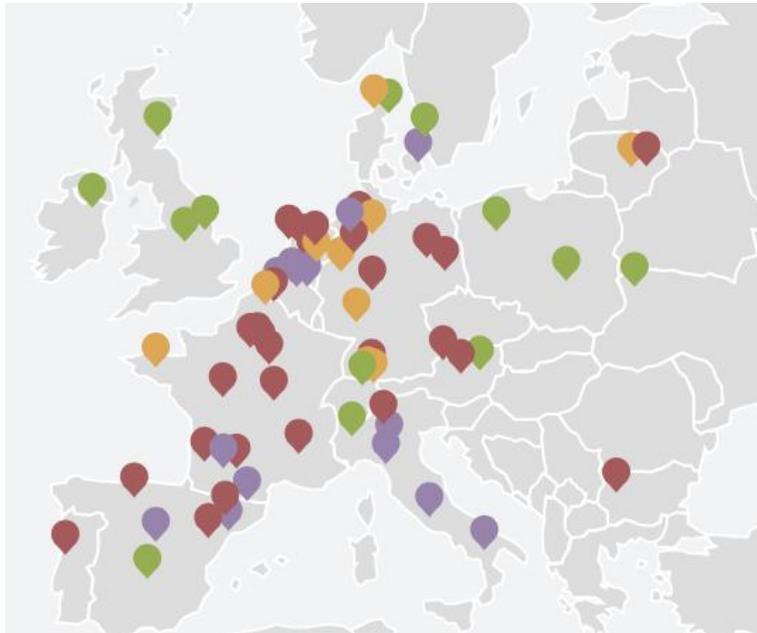
Lipids



Organic
fertilizer



Regulation



| Insects as feed - Regulation (EU) No 68/2013 on the Catalogue of feed materials | Ruminant animals  | Aquaculture  | Poultry  | Pigs  | Pets  | Fur and other animals (e.g. zoo)  | Technical uses (e.g. cosmetic industry, bio-based fuels, production of other bio-based materials such as bioplastics)  |
|--|--|---|---|--|--|--|---|
| Insect proteins (under entry 9.4.1. 'Processed animal protein') | ⊗ | ✓ ** | ✓ ** | ✓ ** | ✓ | ✓ | ✓ |
| Insect fats (under entry 9.2.1 'animal fat') | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Whole insects (untreated) (under entry 9.16.2. 'terrestrial invertebrates, dead') | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ✓ * | ✓ |
| Whole insects (treated- e.g. Freeze drying) (under entry 9.16.2. 'terrestrial invertebrates, dead') | ⊗ | ⊗ | ⊗ | ⊗ | ✓ * | ✓ * | ✓ |
| Live insects (under entry 9.16.1 'terrestrial invertebrates, live') | ⊗ | ✓ * | ✓ * | ✓ * | ✓ * | ✓ * | ✓ |
| Hydrolysed insect proteins (under entry 9.6.1. 'Hydrolysed animal proteins') | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Timeline



Company was established



Secured investment to scale up insect breeding pilot plant



Fully operational pilot plant 1ton residues per day

2018

2019

2022

2024

2025



Creation of insect breeding laboratory

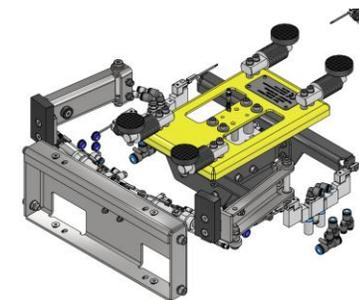
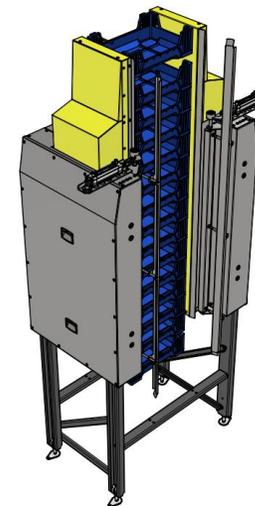
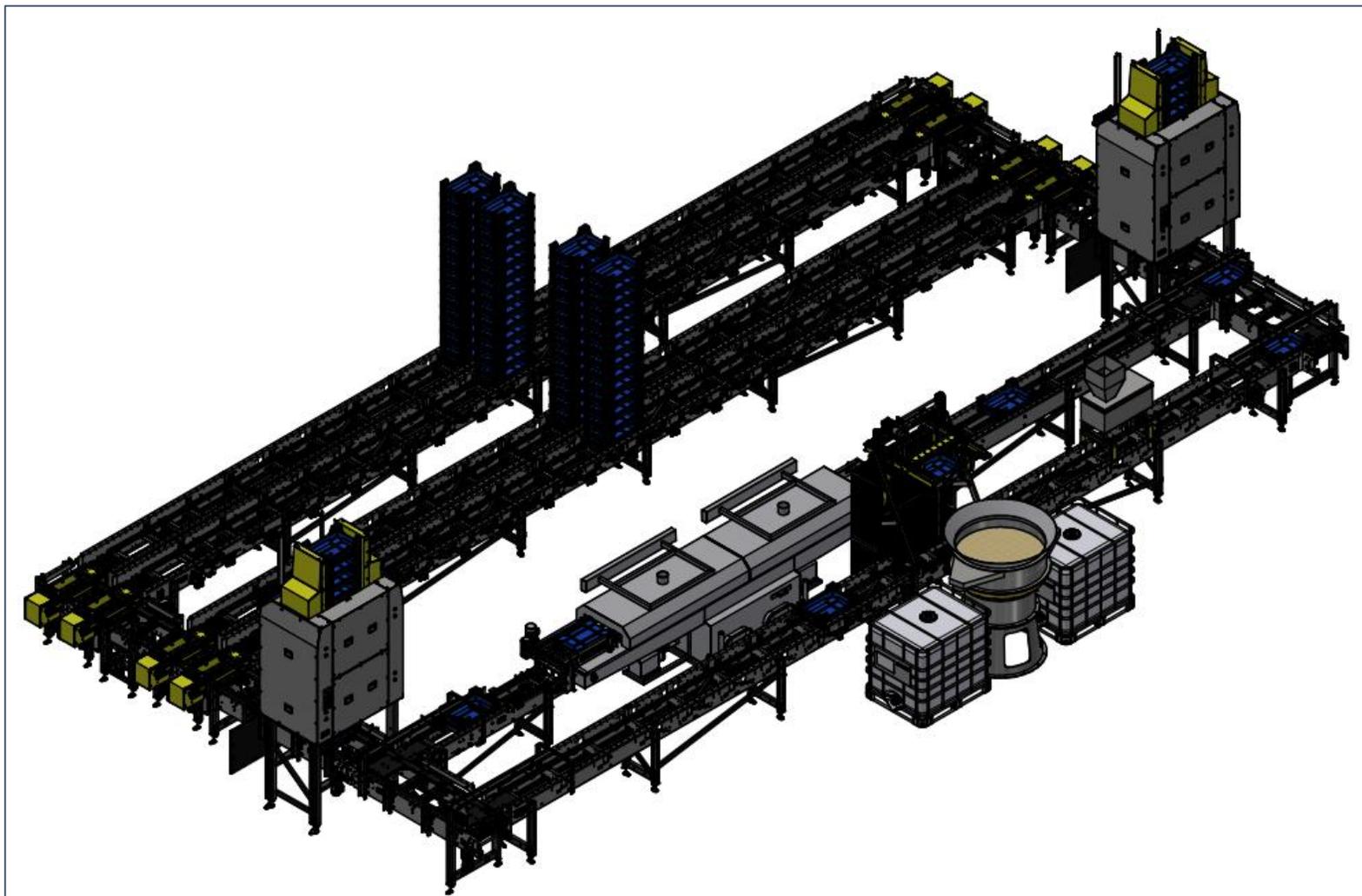
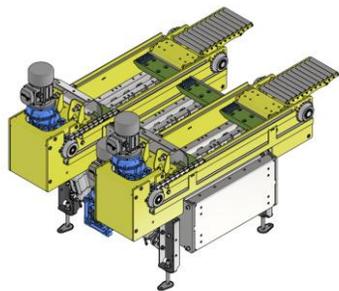
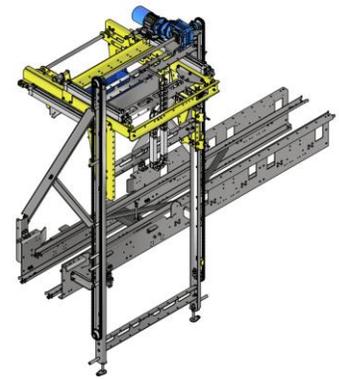


Assembly and testing of a pilot plant





Our pilot plant





Our pilot plant





BIOMUND

«On the way with nature»

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