

# MAIZE SILAGE

## PRE-TREATMENT FOR ANAEROBIC DIGESTION

### Input waste:

- Material rich in lignocellulose
- Maize silage
- Biowaste from agriculture
- Wheat
- Straw
- Green waste (i.e. hops)

### Output material:

- Open-fibre material optimal for anaerobic digestion
- Low density
- Small particle size
- High homogeneity

### Advantages:

- Increase of the digestion of maize silage +40% in 12 days' retention (Study of University of Linköping, Sweden);
  - 25.000 ton/year of maize silage = 1MWh power
  - 18.000 ton/year of extruded maize silage



# PRE-TREATMENT

## FOR COMPOSTING OF GREEN WASTE

### Input waste:

- Green waste and other fibrous products

### Output material:

- Substrate for easier composting
- Substrate for anaerobic digestion
- Wood fiber

