

Energy from Waste



Since 30 Years

One Name. One Family. One Company.

Current Challenges

September 2021

A large, stylized version of the MÜNZER logo is formed by the seeds of a dandelion. The seeds are white and fluffy, with some already blown away, creating a sense of movement and dispersal. The logo is set against a background of green foliage and a young girl's profile.



Our company at a glance



10 company locations worldwide



More than EUR 260 m. annual turnover with more than 300 employees



One of Europe's leading collectors and trader of Used Cooking Oil



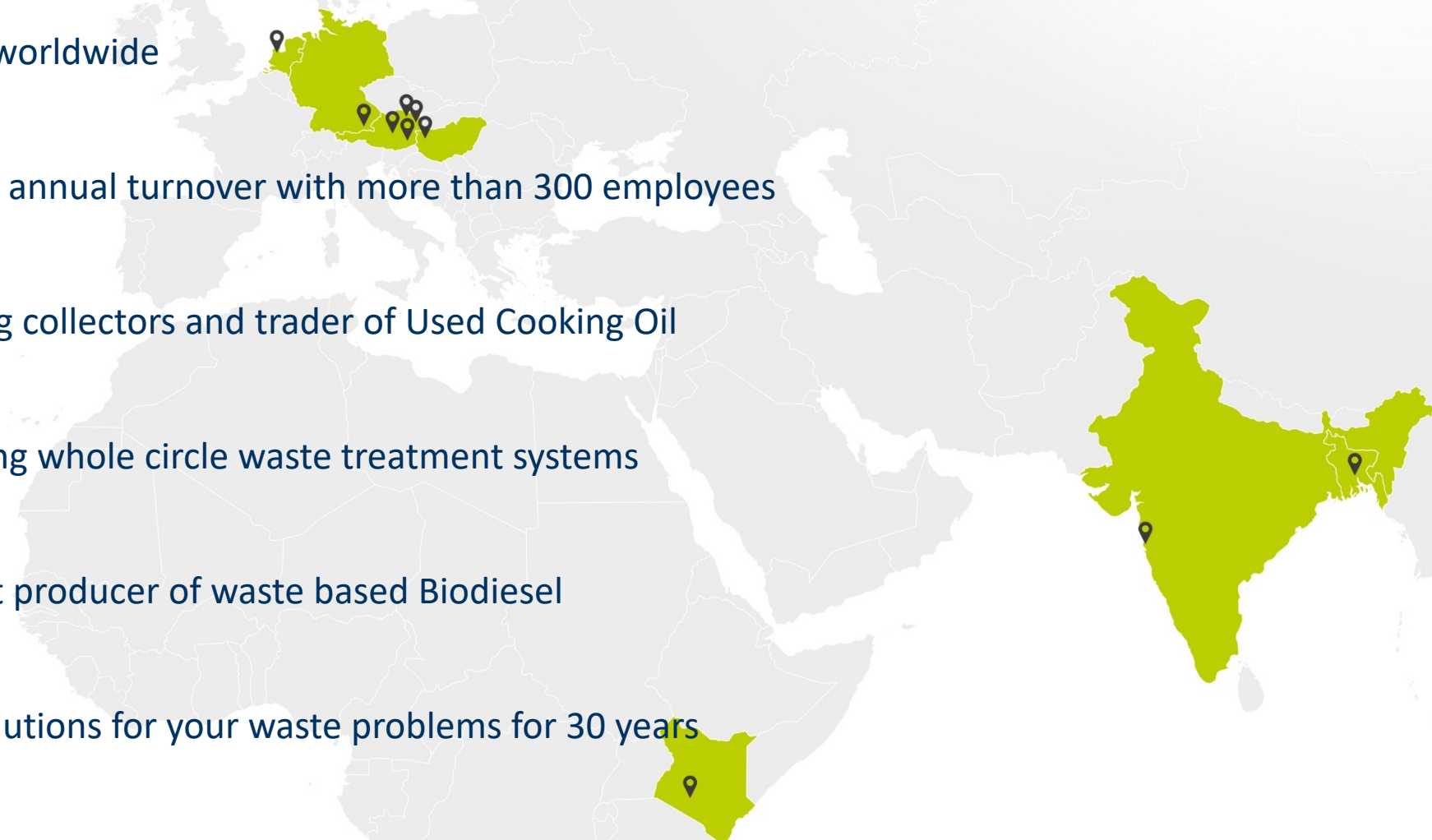
Pioneer in implementing whole circle waste treatment systems



One of Europe's largest producer of waste based Biodiesel

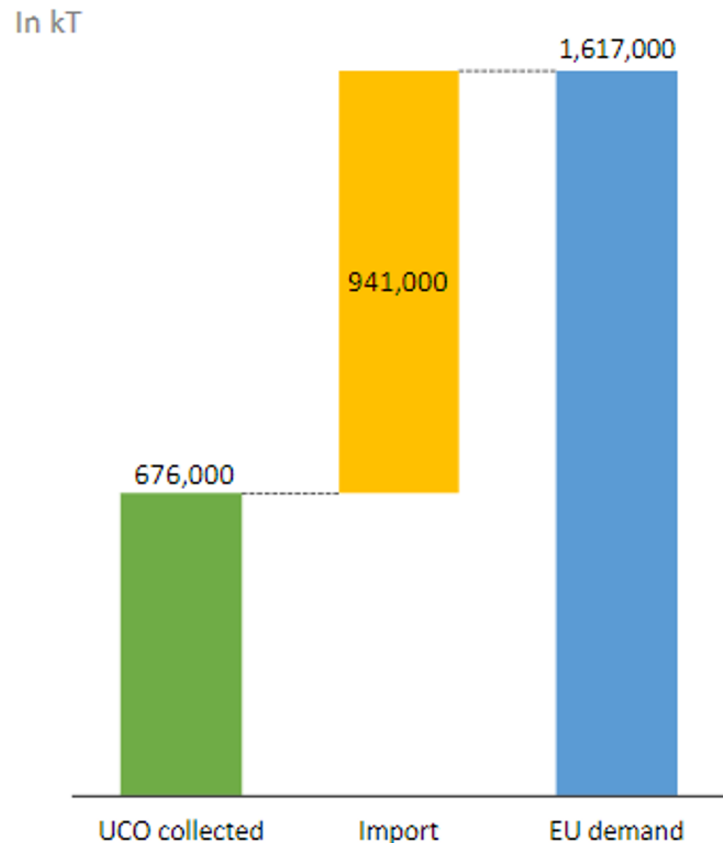


Providing individual solutions for your waste problems for 30 years



Challenges – War for waste feedstock

DEMAND FOR UCO IN EUROPE IN 2016 (EST.)



Driving Demand

- **Palm oil** is seen as bad feedstock – what about soya bean oil?
- Overall biofuel blending targets rise – **RED2**
- **HVO** – Co-Processing production to overcome **blending wall**
- New markets stepping in – Aviation, maritime, chemical sector

Supply Side

- Short term: logistics constraints due to COVID
- Other continents to implement waste based subsidies
- Innovative collection e.g. households

Source: Greenea Presentation at Argus Conference

Challenges – Regulatory uncertainty

- **REDII** entered into force mid 2021 – member states lack behind
EU COM did not fully recognize any voluntary system
 - **REDIII** already drafted and discussed
 - **Delay** in delegated acts
 - High ILUC risk feedstock (soy bean oil)
 - EU wide database –
interaction with member state
solutions (NABIS, ELNA,...)
 - **Rising mandates** result in quota trading systems
- Many **new options** coming up:
→ Biomethane, E-MOBILITY,



Let's stay connected



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