

# MÜNZER Bioindustrie GmbH

Sustainability on GHG calculation



# Münzer Bioindustrie GmbH

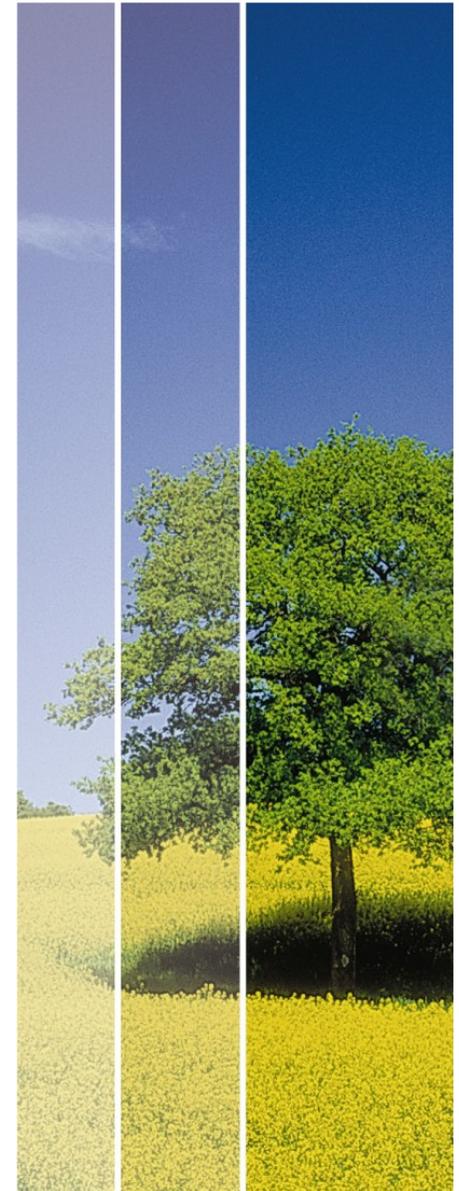
- **Biggest Austrian biodiesel producer with pipeline connection to mineral oil company OMV**
  - 140.000 mt Biodiesel, 14.000 mt Glycerin, 1.800 mt potassium sulfate
  - Logistics by truck, rail, barge
  
- **Biggest Austrian Used Cooking Oil collector**
  - More than 3.800 restaurants
  - Special collection bin (Münzer Tonni)



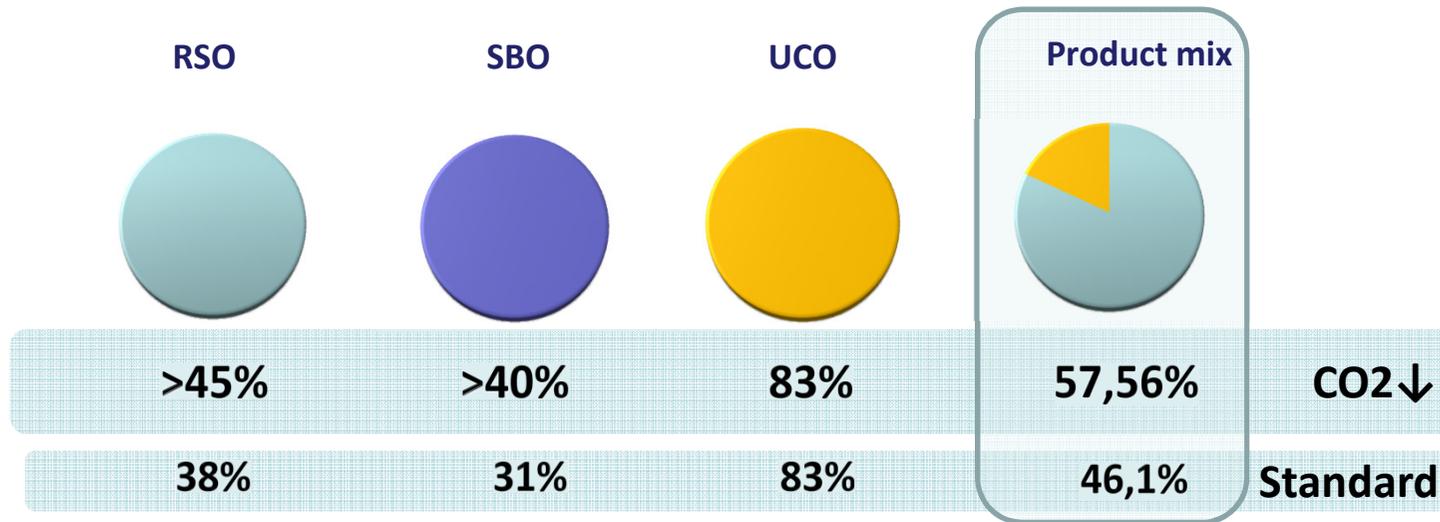
## Biodiesel production in Austria



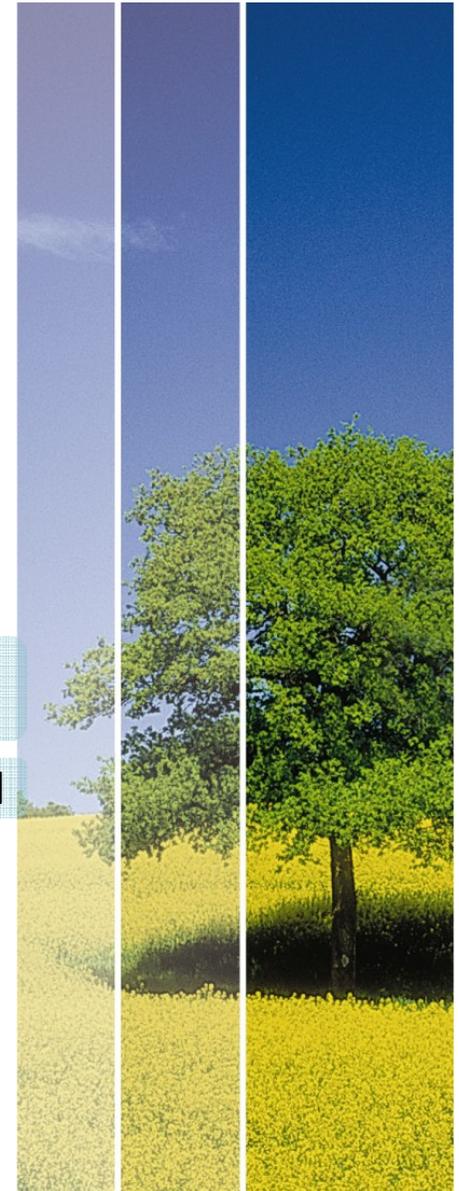
Capacity built:	>600.000 mt
Highest utilization 2010:	337.000 mt
Utilization 2013:	~240.000 mt



## Study with *MEO Carbon Solution (ISCC)*

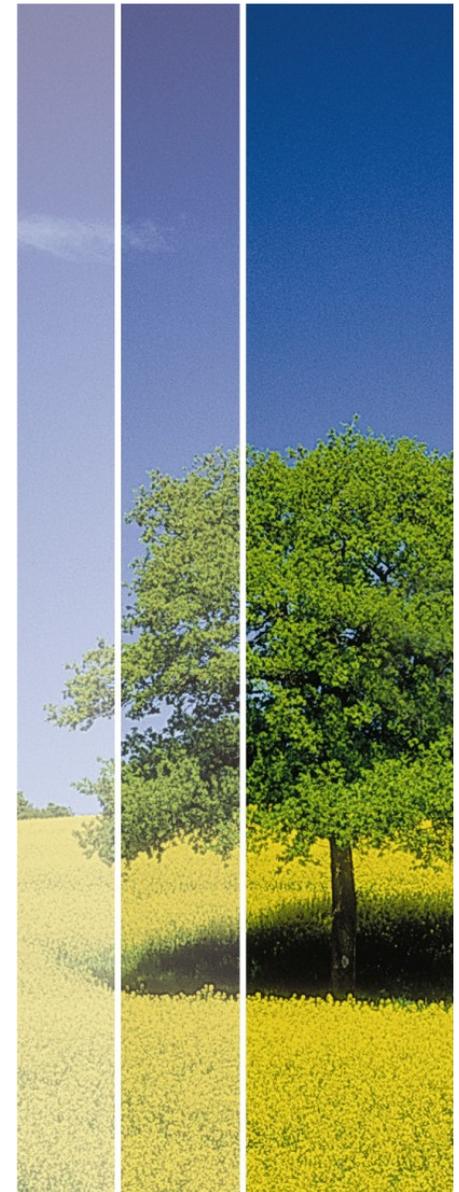


- Calculation according to RED&FQD already done in 2012
- Different feedstock sources taken into account
  - Exception UCO
- UCO calculation will be done by 12.06.2014 in cooperation with EUFex
- 10% improvement from standard to default value



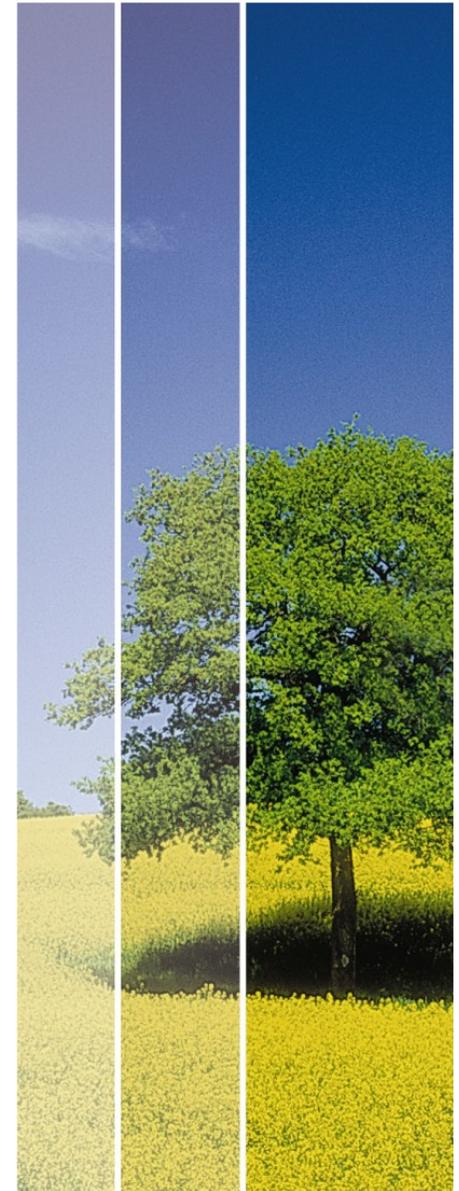
## Important parameter

- **Data collection**
  - Feedstock input  
→ How to handle „unusual“ feedstock
  - Product output
  - Conversion factor
  - GHG emission factor for feedstock  
→ Disaggregated default values
  - Heating value
  - Electricity and heat
  - Process inputs
  - Process output (waste)



## Uncertainty

- **How will Germany introduce GHG targets in practice?**
  - Lower physical demand
  - Stocks from 2014
  - Will ISCC DE + 36. BImSchV stay for waste feedstock
- **Run for the best GHG calculation**
  - Best practice examples to improve industry
  - Run for the “best” emission factors (methanol)
  - Will cheating take place or even worse will cheating be tolerated
- **Further fragmentation of the European market**



## Contact details

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