

# Verbios Bioraffinerien als Quelle für erneuerbaren Kohlenstoff für die Chemische Industrie

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# Pioneering green solutions

## We are shaping a sustainable future

In our biorefineries, we process raw materials and residues from regional agriculture into climate-friendly fuels, green energy, and renewable products for the chemical and agricultural industries. We also supply high-quality components made from sustainably produced biomass for the feed and food industries.

Verbio shares (ISIN DE000A0JL9W6 / WKN A0JL9W) have been listed in the Prime Standard segment of the Frankfurt Stock Exchange since October 2006.

Our headquarters are located in Zörbig, Germany.

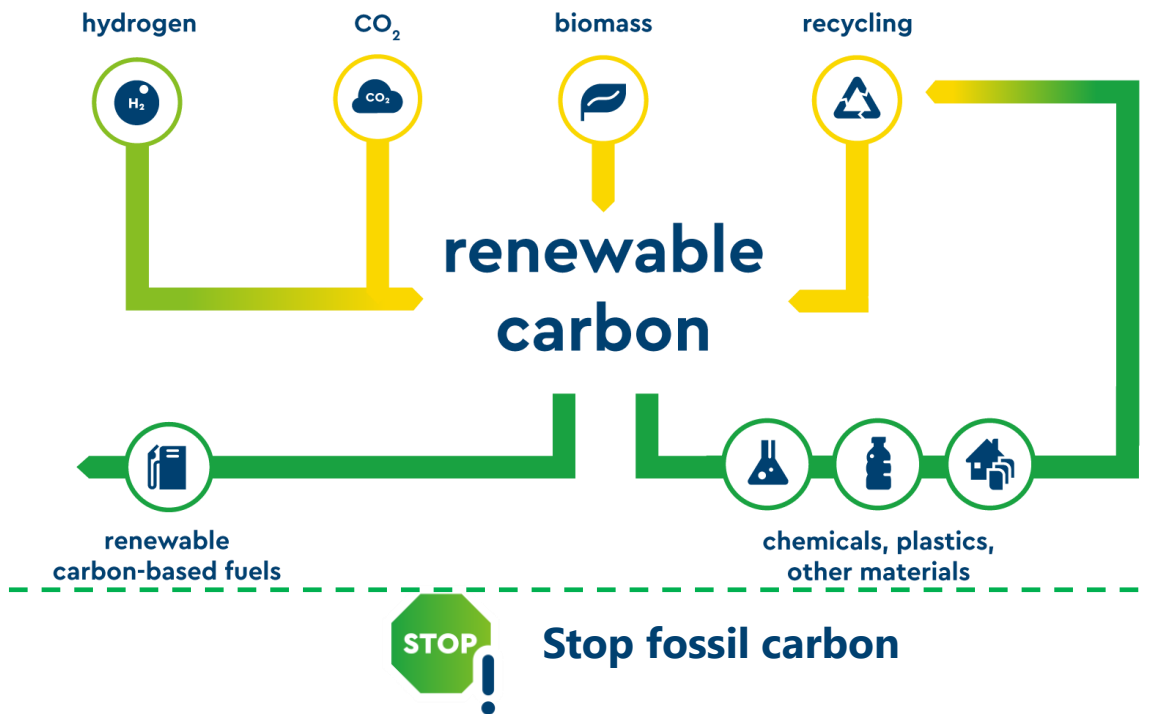
**€1,658 million**  
Revenue\*

**€121.6 million**  
EBITDA\*

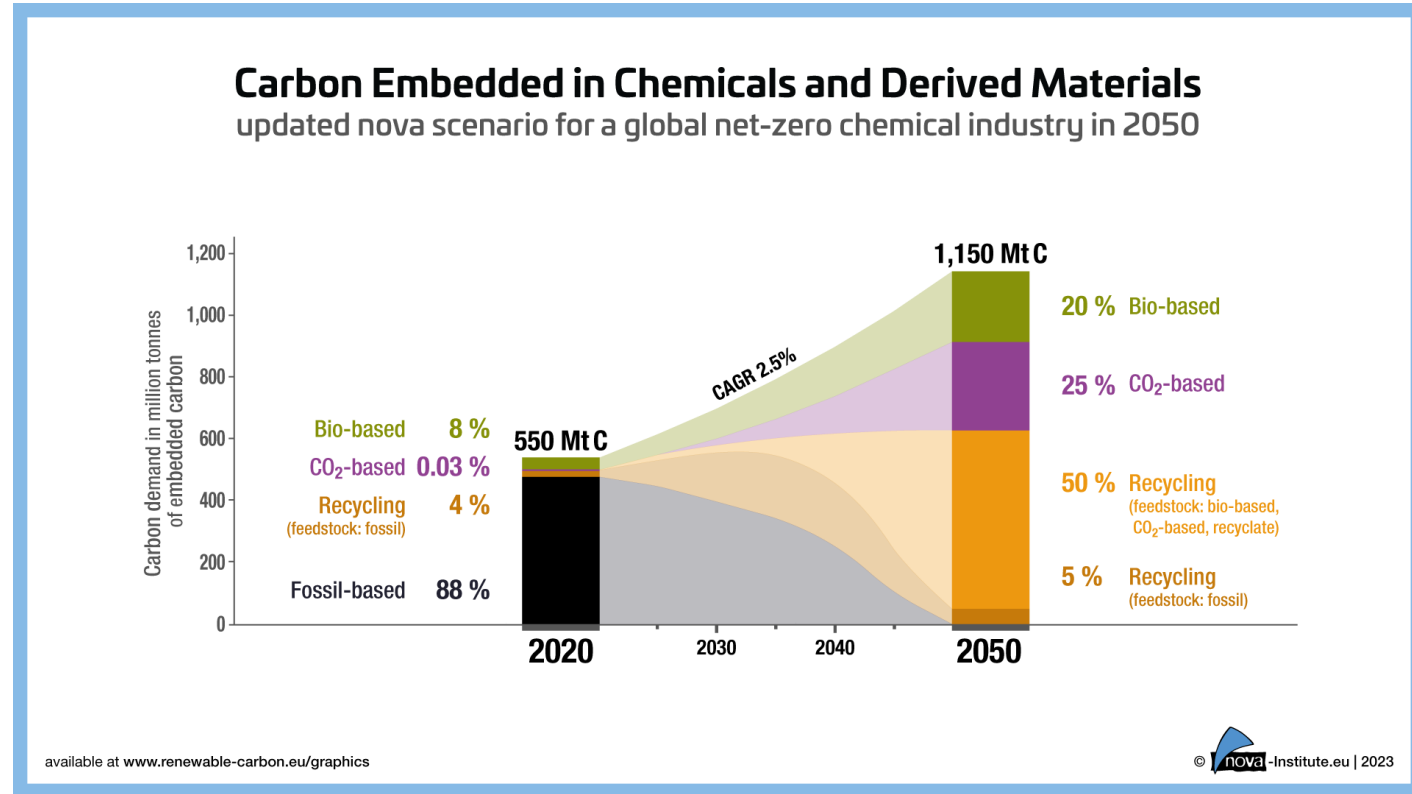
**1,158,690  
tonnes**  
Production of  
Biodiesel and  
Bioethanol\*

**1,100 GWh**  
Production of  
Biomethane  
(RNG)\*

# Renewable carbon for the Chemical Industry



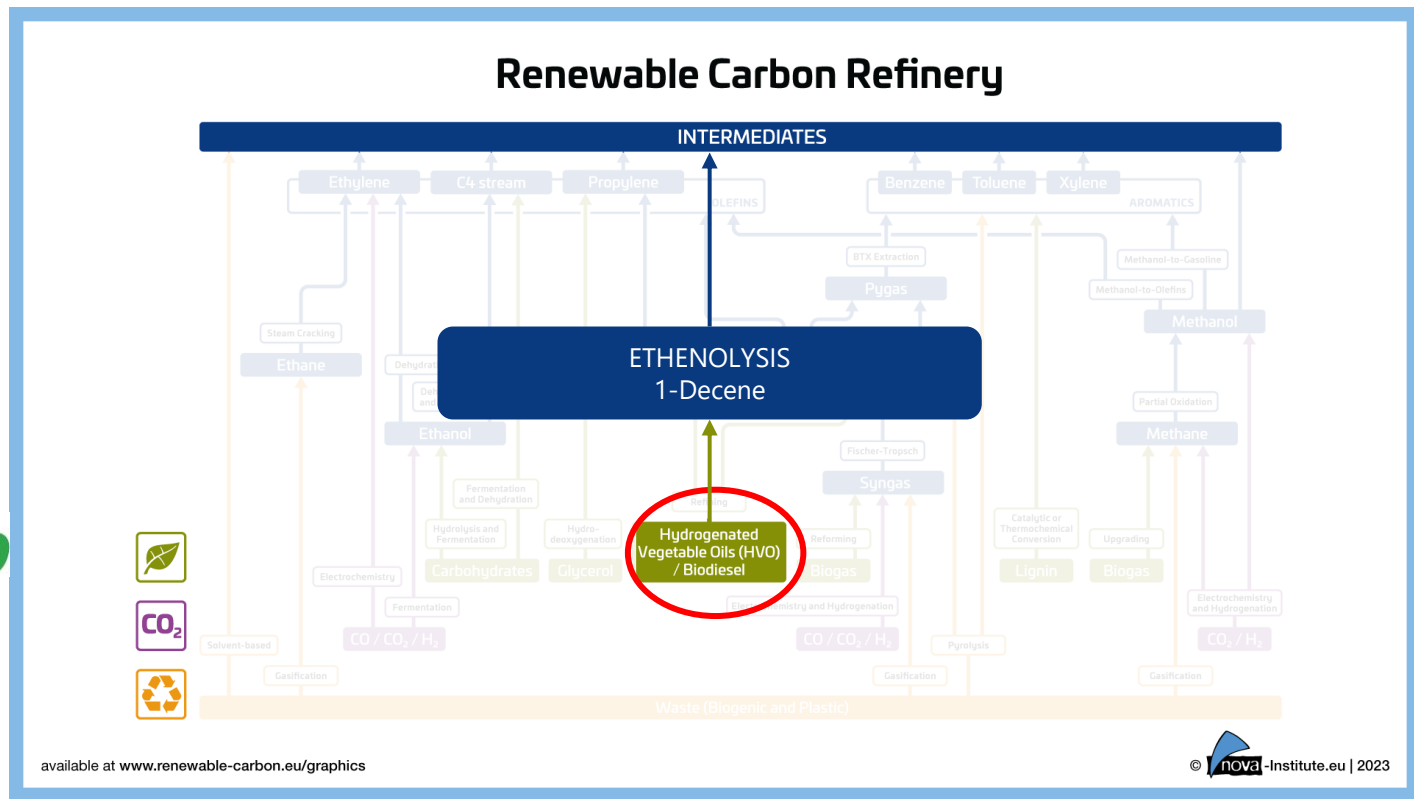
# Transition Scenario – Renewable Carbon 2050





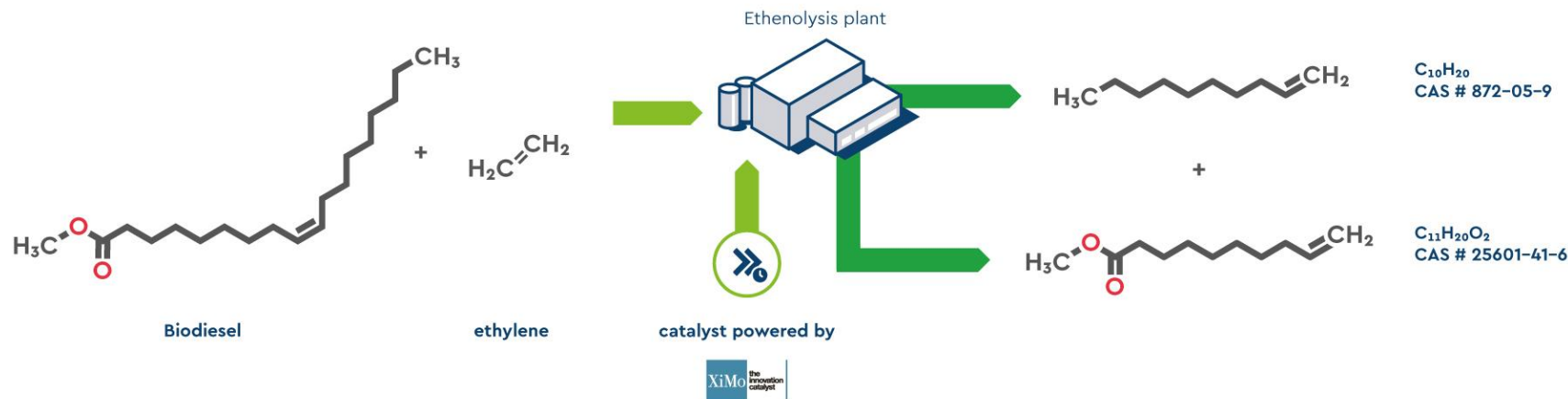


# Renewable carbon streams



# Renewable carbon products based on biodiesel

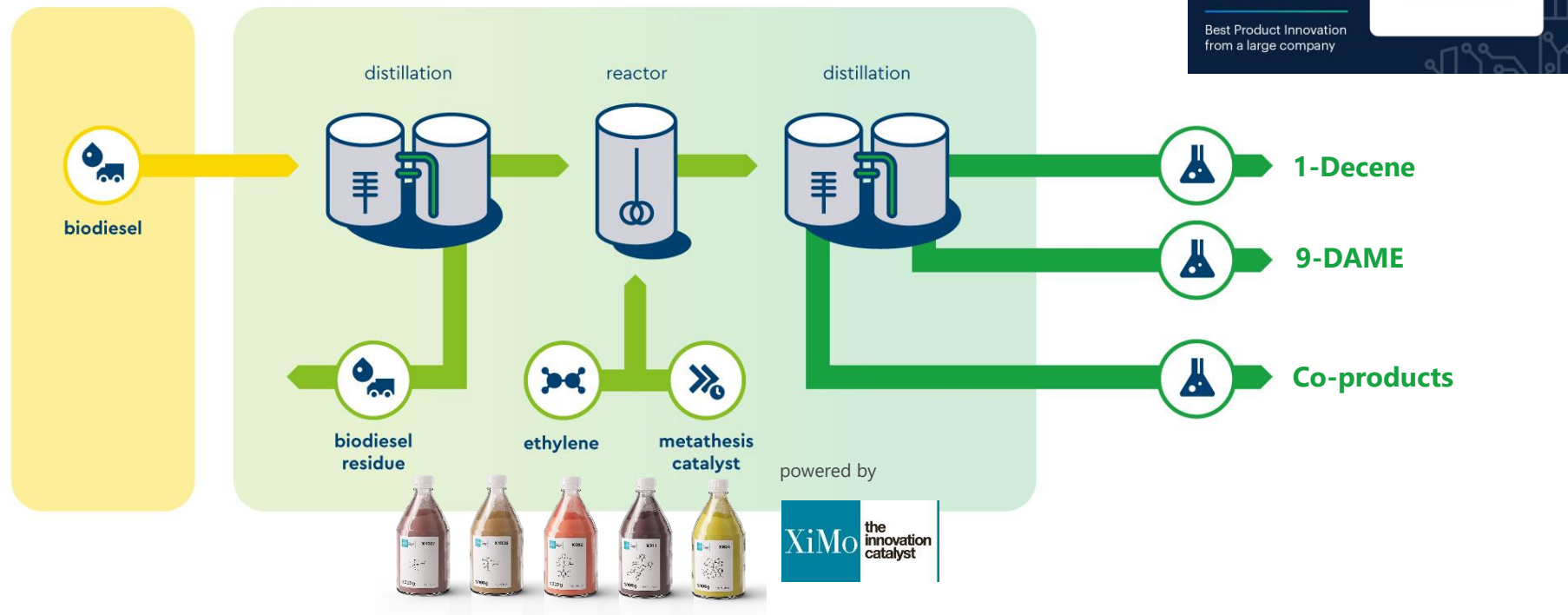
verbio





# Renewable chemicals from rapeseed methyl ester

Verbio



# 1-Decene



## production volume:

17,000 t/a

## characteristics:

- Renewable Drop in 1-decene
- RCI = 0.9
- Enables customers to change existing products to a renewable source
- Known application as lubricant, as coating agent in food, in surfactants, in polymers
- e.g. Enables green PolyAlphaOlefins



**kg samples available  
on request**

# 9-DAME

## (9-Decenoic acid methyl ester)



### production volume:

32,000 t/a

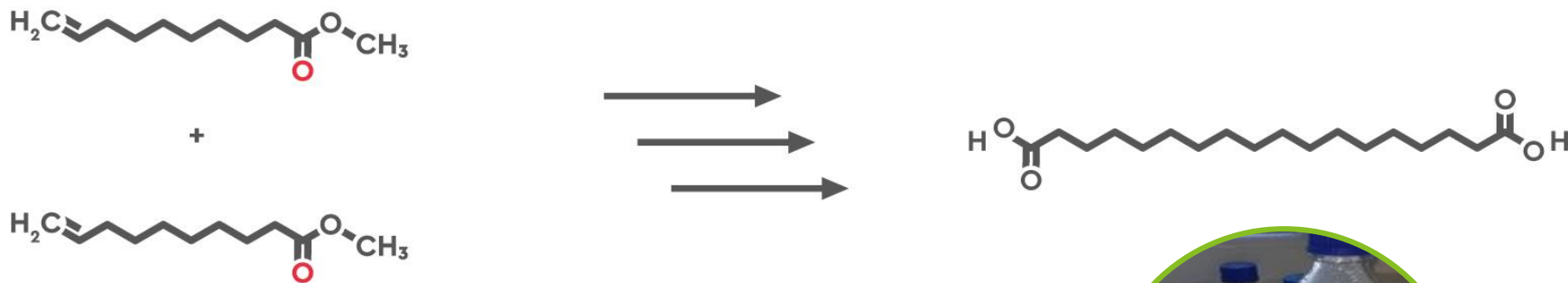
### characteristics:

- Bifunctional renewable chemical
- RCI >0.8
- So far with limited supply for the industry
- Highly interesting chemical profile
- Based on European rapeseed oil
- Known applications in surfactants, lubricants, solvents and polymers



**kg samples available  
on request**

# Octadecanedioic acid (ODDA) – expansion of portfolio



## Characteristics Octadecanedioic acid (ODDA):

- High purity
- RCI = 1
- Low GHG emission profile
- Local European supply chain
- building block for PA, PU, PELike and polyester, lubricants...



# Ethenolysis Bitterfeld Germany



**Our new ethenolysis  
plant near Leipzig**

**Existing biorefinery**

• Site	2023
• Basic Engineering	2023
• Permissions	2024
• Detail Engineering	2024
• Construction	2024
• Commissioning	2026
• Production	2026





## **New production facility for renewable chemicals at the Bitterfeld site**

Ethenolysis plant based on  
rapeseed methyl ester (biodiesel)

**Total investment:**  
€80 – 100 million

**Production capacity:**  
60,000 tonnes per year  
of renewable chemicals



# Bitterfeld plant August 2025

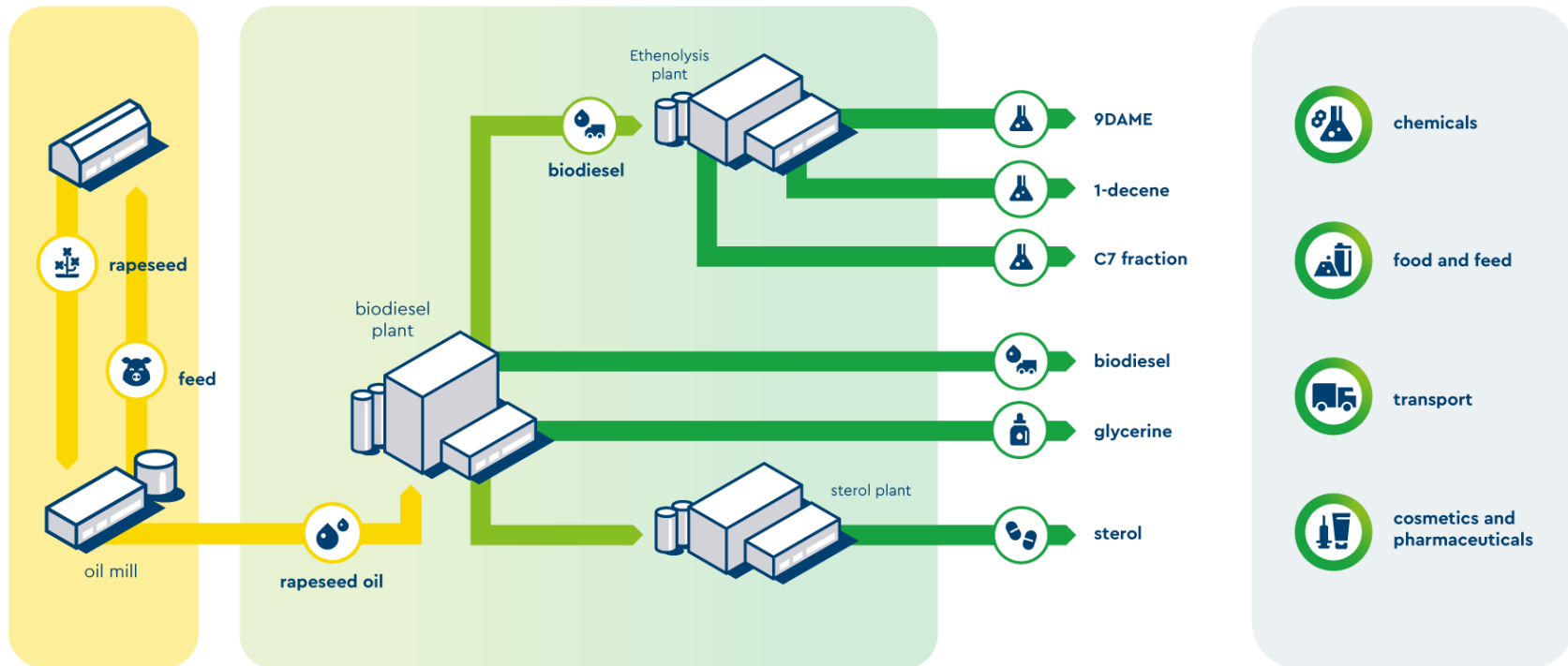


# Our core biorefinery concept on plant oil

## 1 feedstock biomass

## 2 Verbio biorefinery production

## 3 products renewable molecules





# Summary

- Verbio will provide about **60 kta** of biobased renewable carbon products to specialty chemicals industry
- Verbio's specialty chemicals starting 2026
- Verbio's main products **9-DAME** and **1-DECENE**
- Verbio's products are based on RME with low CO<sub>2</sub> footprint
- **Mo/W** and **Ru** based metathesis catalysts production at scale



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