



ZERO EMISSION ENERGY

# Content Overview

1. Technical Aspects
2. Commercial Aspects
3. Service
4. Day-to-Day Use & Ongoing Operation
5. Order Processing





# Technical Aspects



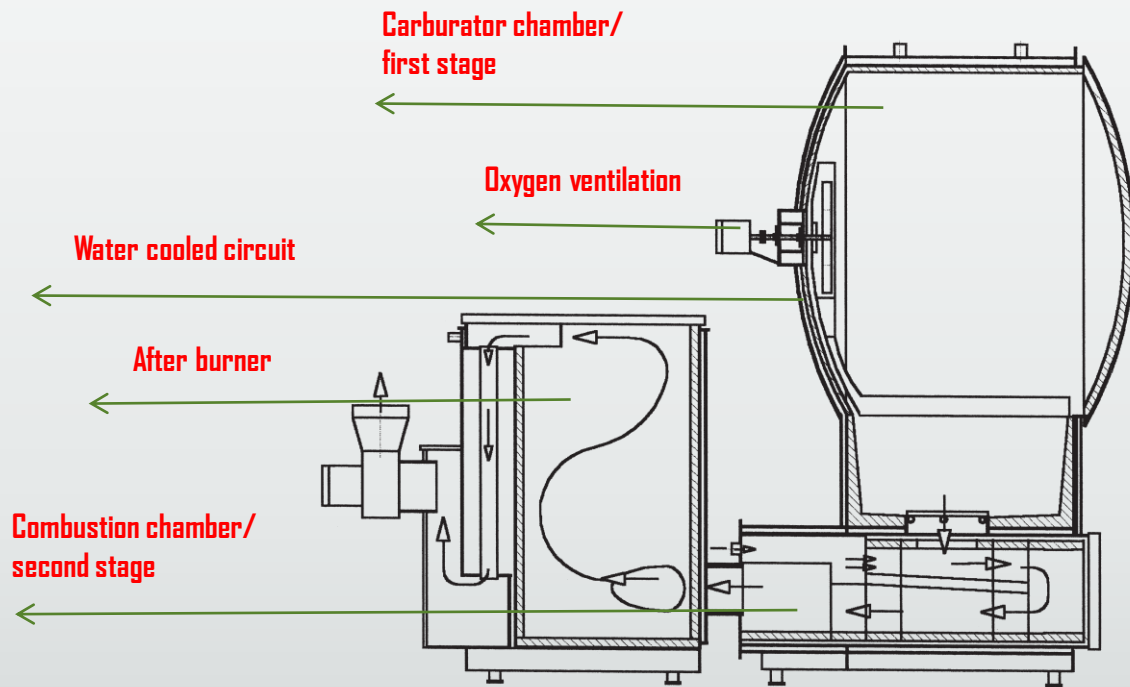
# Explanation of the Technology

- Unique System – worldwide patented
- Two stage gasification/burning process
- 15 years of experience
- Co2 neutral
- Reliable
- Drying for all kinds of corn
- No damaging particles in hot air



# Further Information

- Working principal



- Available power

- 1, 2 and 3 MW drying modules
- Permanent supply of hot air
- No fluctuations in flow mass
- Isolated and cooled body
- 24/7 operation

# Further information



- Installation outside
- Heat exchanger for cooling
- Afterburners
- Spark protection chamber
- Ash removal system
- Control panel

# Unique Features

- Ceramical coat inside
- Isolated body
- Watercooling circuit
- Heat exchanger
- Ash removal
- After burners
- Spark protection system
- Control system
- High quality in production



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# Commercial Aspects





# Commercial Aspects

- IMAGINE, gas prices will explode over night
- Some unforeseen interruption of gas supply
- Your LPG storage is empty

→ THIS COULD HAPPEN DURING THE ONGOING DRYING PROCEDURE

**SAVE MONEY**

**BE INDEPENDENT**



# ROI: Example of a succesful Implementation

- Example Benchmarks

- Cost of Straw/Ton: 15 €

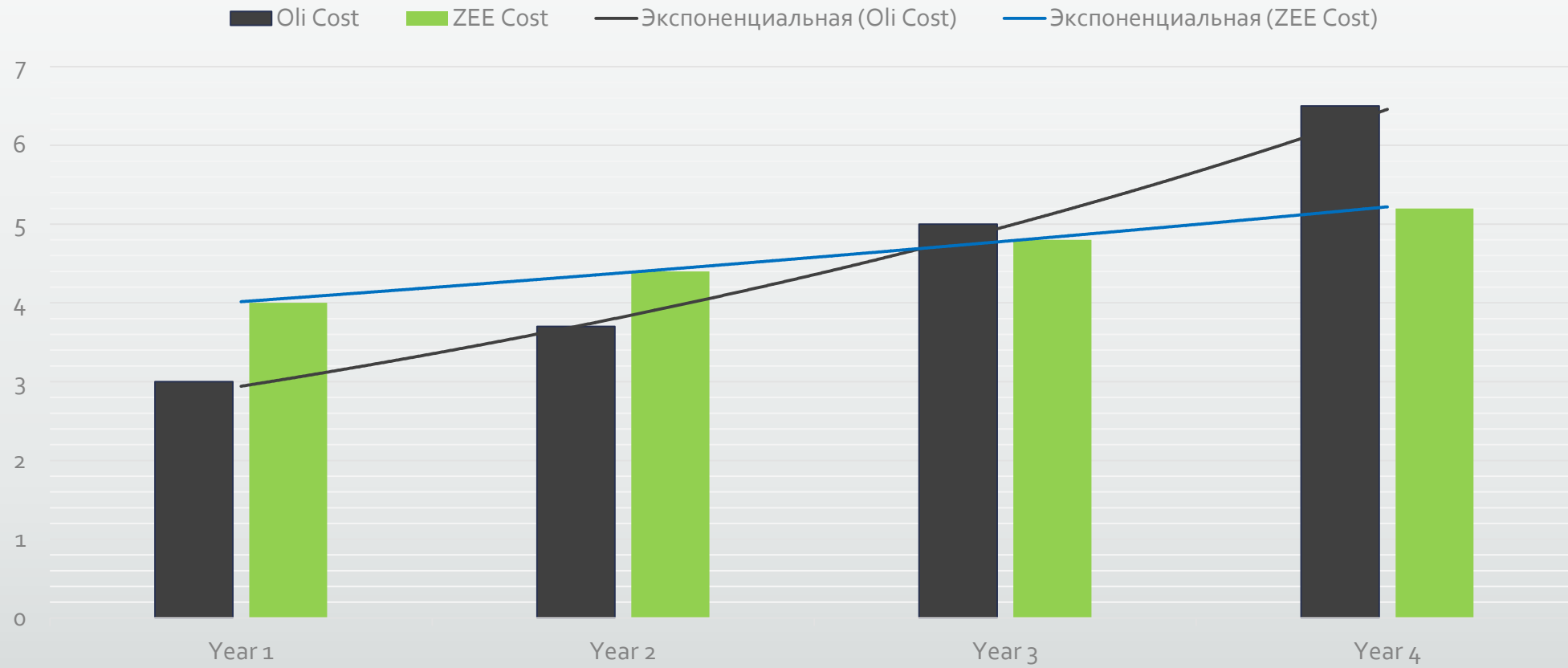
- System Power: 3000 KW/h

- Duration of Operation: 120 days

Time	Oil Costs	ZEE Costs
Year 1		
Year 2		
Year 3		



# ROI: Example of a succesful Implementation



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# Other Conditions

- Payments step by step
- EULER HERMES financing vehicle
- 2 years of warranty
- Completion on site included
- Start up
- Training
- Commissioning





# Service



# Service

- Spareparts included at first delivery
- Training for operator at start up included
- Troubleshooting online
- Remote maintenance



# Service Availability



24/7 Emergency

24 Hours reaction time





Day-to-Day Use  
&  
Ongoing Operation





# Life Expectancy

- > 12 years

# Plant Documentation

- Detailed description
- Drawings with interfaces
- Local language



# Collection and Storage



- Do not press too compact
- Store it outside
- Cover it

# Plant of reference



- 60 customers
- Drying, warm water and steam
- Throughout whole Europe



# Testimonials

- W. Botzenhardt/Germany:  
I changed from oil to ZEE modules more than 14 years ago. The technology is still working in a perfect way without any high service costs. Anytime again!
- M.Stamm/Ukraine:  
The ZEE modules are giving me the security to dry my harvested materials at a high quality level and are securing my yearly income. I can start my drying process whenever I want not taking into consideration the costs for natural gas. Reliable and robust solution and easy to operate!
- J. Pfeiffer/Poland:  
The process itself is working perfect and I do not have to store the straw at high costs. The ash is grey to white and I use it as vertilizer. Thanks to ZEE I even earn good money in drying for other farmers





# Order Processing



# Procedure of an Order/a Project



1. Contact
2. Customized offer
3. Technical clarification
4. Contract signing
5. Project management
6. Production of equipment
7. Delivery and installation
8. Start up and training

# Share of Local Works

- Basement
- Water
- Electrical power
- GSM/Internet
- Local Stuff



# Transport

- 3 Trucks in total

# Delivery Time

- 4 to 6 months







# Time for Questions



Invest in your future.

Invest in



Invest in the future.