



Q2 2021 presentation

# QUANTAFUEL ASA

*31 August 2021*

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# MANAGEMENT TEAM



**Terje U. Eiken**  
Interim CEO & COO



**Dr. Christian Lach**  
CCO



**Kristian Flaten**  
CFO



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Strong management with extensive experience from the engineering, chemistry and energy industry, as well as project financing

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**KEY HIGHLIGHTS**

**PLANT UPDATE**

**TECHNOLOGY & VALUE CHAIN**

**GROWTH**

**FINANCE**

**SUMMARY**

# WE ARE 100% COMMITTED TO CONTRIBUTING TOWARDS SOLVING THE GLOBAL WASTE PROBLEM

- UN's climate report – a need for urgent action
- We are acting now
- Quantafuel's efforts were recently recognised by the Danish Broadcasting Corporation (DR)



Photos: Facsimile from DR Nyheder, 11 August 2021



Kristiansund – mechanically recycling landfill plastic

# KEY HIGHLIGHTS

- HSE: Zero recordable incidents during last 12 months
- Skive plant
  - Running lines at high load for three to five days at a time
  - Successfully processing mixed post-consumer plastics
  - Increased ownership in Skive plant to 100%
  - CAPEX forecast adjusted to NOK 610 million
- BASF largest shareholder after converting loan to shares
- Purchased plot for the Esbjerg plant
- Increasing sorting and recycling capacity - Kristiansund / Aalborg
- CEO recruitment in process







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# SKIVE – PROCESS ACHIEVEMENTS

Highlights from operations:

- ✓ Producing chemical products within specification
- ✓ Produced at high load for three to five days with each line
- ✓ Produced at design capacity
- ✓ Processed large span of plastic qualities
- ✓ Delivered products to BASF





# SKIVE – ROADMAP TO FULL PRODUCTION CAPABILITY

- Removing the last known obstacle preventing long-term stable production
- Install sufficient utility system capacity for full production
- During turnaround in Q4 2021 the plant will undergo necessary upgrades allowing for stable, long-term commercial production
- Combined with all previous achievements this secures Proof of Concept and enables full production capability



# KRISTIANSUND – PLANT EXPANSION

- Developing a unique plant with combined mechanical and chemical recycling
- On track with expansion of mechanical recycling capacity and capability, with installation and commissioning towards end Q3 2021
- Testing of pilot reactor for chemical line is ongoing, processing plastic waste and producing chemicals with promising quality





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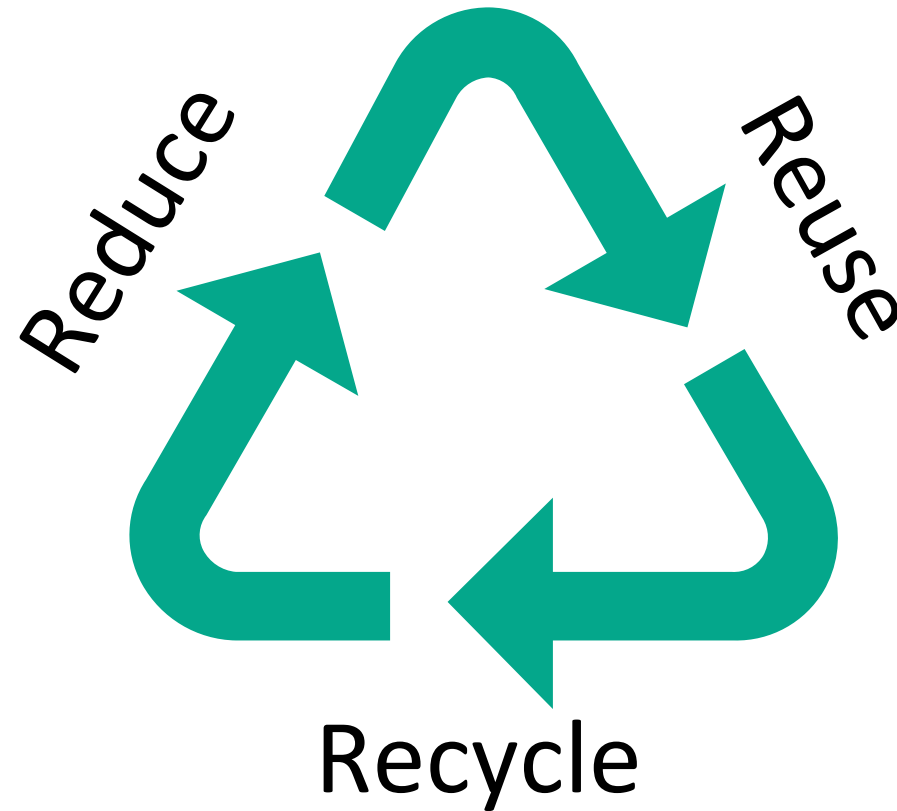
**GROWTH**

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**SUMMARY**



# TECHNOLOGY FOR THE CIRCULAR ECONOMY



# TECHNOLOGY COMPLETING THE VALUE CHAIN

Aalborg – increasing recycling rate and quality control



# TESTING MIXED FEEDSTOCK WITH SKIVE TECHNOLOGY

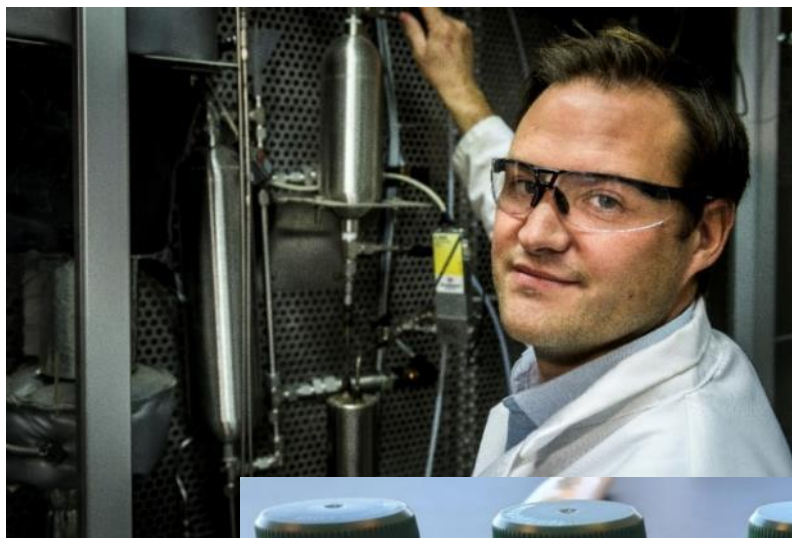
- Skive designed for mixed plastic waste
- Output quality tightly controlled in our plant lab at each step
- The end products replace fossil feedstock



In Q2 Skive reached sufficient stability for testing different plastic fractions



# DEVELOPING OUR TECHNOLOGY FOR FUTURE CHALLENGES



- Over time
  - Our feedstocks will be more challenging
  - Our customers will be more demanding
- Our R&D-team works diligently to continuously improve our technology to be ready for the coming challenges
- Active projects ongoing with our partners in NTNU as well as BASF and their affiliates

# SUSTAINABILITY IS AT THE CORE OF QUANTAFUEL

- ISCC Plus certificates for Skive and Kristiansund obtained in April
- Certificates guarantee traceability and makes Quantafuel and outstanding recycling partner
- Life cycle analysis (LCA) for Skive will give full openness of our environmental footprint





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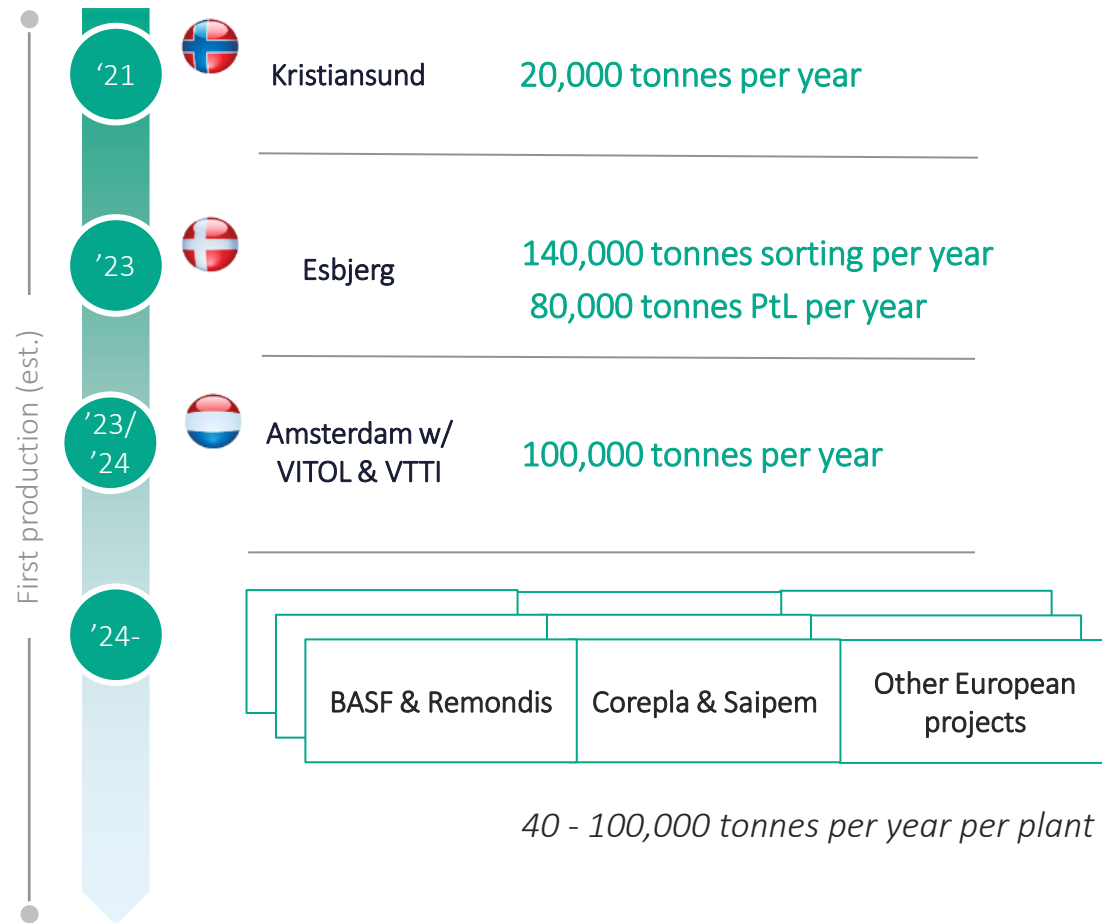
# SIGNIFICANT STEPS IN ESBJERG

- Esbjerg plant is proceeding according to plan
- Will be one of the biggest plastic sorting plants in Europe, as well as the first of its kind in Denmark
- The plant will consist of a state-of-the-art plastic waste sorting facility integrated with a chemical recycling plant
- In July Quantafuel purchased a 58,000 m<sup>2</sup> site, with an option to extend with additional 48,000 m<sup>2</sup>
- We are evaluating future partnerships for the sorting plant



# PRODUCTION PLANTS AND PIPELINE PROJECTS

Several additional production plants planned with existing partners





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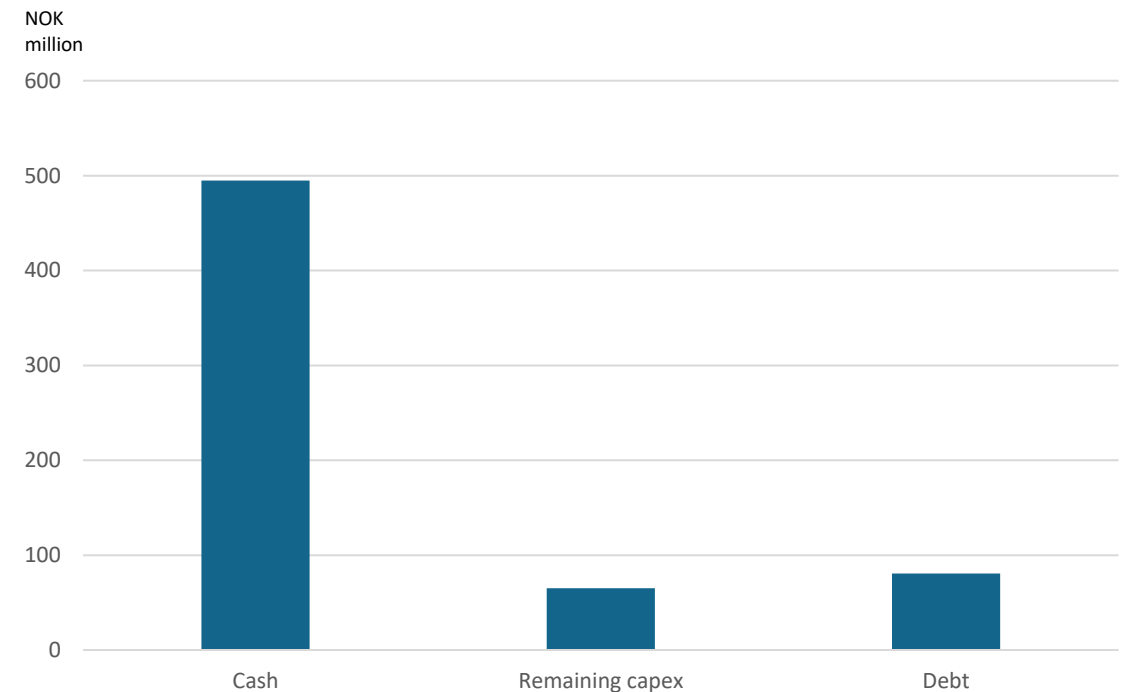
**FINANCE**

**SUMMARY**



# KEY FINANCIAL HIGHLIGHTS

- NOK 495 million in cash per 30 June 2021
- Completing projects for Skive and Kristiansund
- Completed key M&A transactions
- High focus on lean and cost-efficient day-to-day operations
- BASF largest shareholder after conversion of convertible loan



Per 30.06.21  
Remaining capex includes Skive and Kristiansund  
Excluding BASF convertible loan

# BROAD INVESTOR INTEREST





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# SUMMARY

- We are confident that we will reach our goals in Skive
- We are making significant steps towards a combined mechanical and chemical recycling set-up
- We have a robust financial position





# THIS WILL BECOME A MULTI-BILLION DOLLAR INDUSTRY

Quantafuel aims to become the market leader



Quantafuel ASA

Ticker: QFUEL  
Euronext Growth Oslo