## SCA and St1 enter joint venture to produce and develop liquid biofuels

September 20

## **Today's participants**

| Particitant       | Company | Role                       |
|-------------------|---------|----------------------------|
| Henrikki Talvitie | St1     | CEO                        |
| Timo Huhtisaari   | St1     | Sustainability Director    |
| Mikael Källgren   | SCA     | President Renewable Energy |
| Toby Lawton       | SCA     | CFO                        |



## St1 vision and strategy



# St1 solving global energy challenges

St1 Vision is to be the leading producer and seller of  $CO_2$ -aware energy

In the spirit of our vision, we research, develop, produce and invest to be able to provide our customers with  $CO_2$ -aware energy while creating positive societal impact

Our operations are strengthened by strategic longterm partnerships in various areas

## **TRANSITIONING OUR** VALUE CHAIN

ן לי ה-

...to produce and sell

to a more sustainable one...



## Market for liquid biofuels

#### **Biofuels as a part of energy transition**





# SCA value chain and strategy

#### **Europe's largest private forest owner**

- a strong and integrated value chain



### **Profitable growth strategy**



Growing renewable forest asset

#### Invest in integrated value chain:

- Grow Wood, Pulp and Containerboard
- Renewable energy future value creator

#### ✓ Increase forest holdings:

- Increase growth and harvesting level
- Acquire forest land

Joint venture to produce and develop liquid biofuels

#### SCA and St1 creating two companies – from forest to fuel station



# Three potential feedstocks with different technology maturity



### **Gothenburg Biorefinery**

St1 is constructing a biorefinery in connection with its oil refinery area in Gothenburg

- Expected to be completed in early 2023 and production to start in the summer
- In preparation, new hydrogen unit was commissioned in 2020
- The design of the biorefinery brings flexibility to the process by allowing the use of a wide range of feedstocks with a yearly capacity of 200 kt
- Capable of meeting current and future specifications of the renewable fuels to be produced, which include HVO diesel, jet fuel, and naphtha







## Östrand Biorefinery

#### Development company

- Next to Östrand pulp mill
- Sustainable feed stocks and energy available
- Environmental permit received to build a biorefinery at the Östrand pulp mill
- 300,000 tonnes capacity





# Summary



Joint Venture creates a strong integrated value chain from forest to end-user in energy sector



Growing market for advanced biofuels driven by regulation – Nordic market most attractive



Gap between supply and demand filled by new sustainable domestic feedstock and production

