

**Benedikt Neyses**  
**Dick Sandberg**  
**Olle Hagman**  
**Magnus Wålinder**

**Development of a continuous  
wood surface densification  
process with a reduced  
environmental impact**

# Scots pine

---

Present situation

# Surface densification

---

Present situation

# Process parameters



---

Past research

# Reduction of **set-recovery**

---

Past research

# Economic?

---

Obstacles

# **Continuous** **surface densification**

---

Near future



# Roller pressing

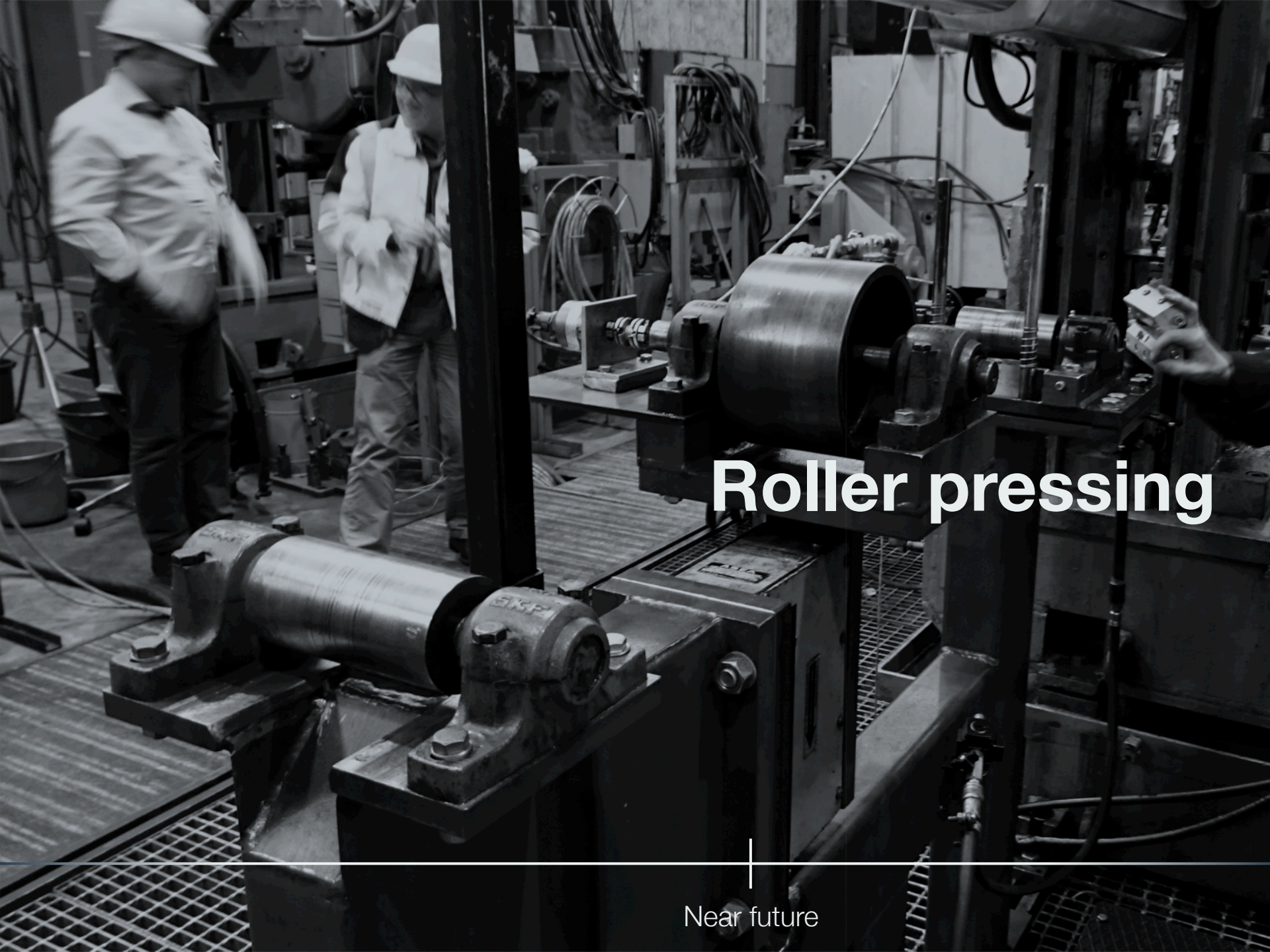
Near future



# From lab to **industry**

---

Medium-term future



# Roller pressing

Near future



Other means of  
modification

---

Medium-term future

# From lab to **industry**

# Planning

---

Present

a **GREAT** potential

---

Present

**Thank you.**

---

Now