

Sustainable supply of Wood to construction industry and society - "the nordic way of living"

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Solid wood

1. The legacy to our children
preserve the forest



2. Sustainable and competitive
processing and products



3. Low carbon footprint buildings

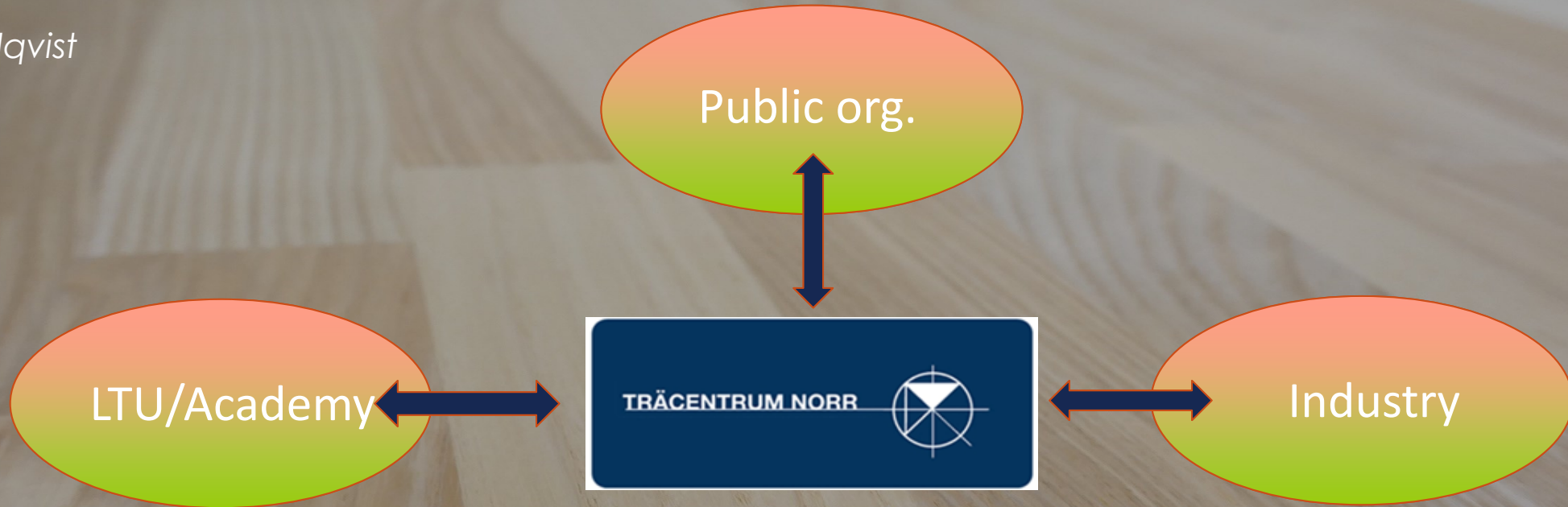




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"Coordinator and catalyst"

Why do I focus on solid wood innovations?

- Needed to fulfill the future circular biobased economy
 - today a unnoticed part of the value chain

17 million m3 solid wood processed each year in sweden
Eroded platform for providing competence and research

2,5 professor wood technology
Less than 10 master exams/year

- A vital part of rural development and to counteract urbanization
 - prosperity of the whole nation

+ On-going socio-economic projects (equality, diversity, urbanization)

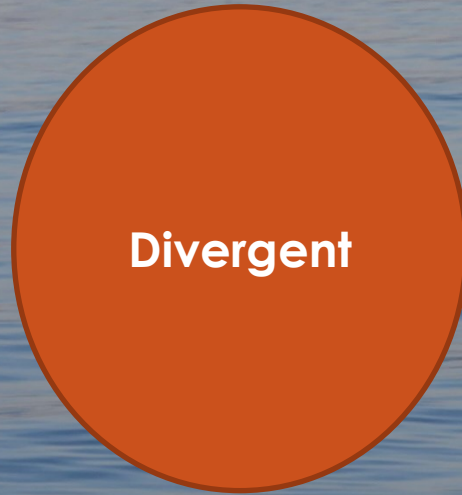
- Wood – a future green industry (equal and diverse)
 - Attracting the next generation operators, specialists and leaders

Recruitment of students and personell to solid wood industry – critical situation

Current situation
- example

Sawmills traditionally

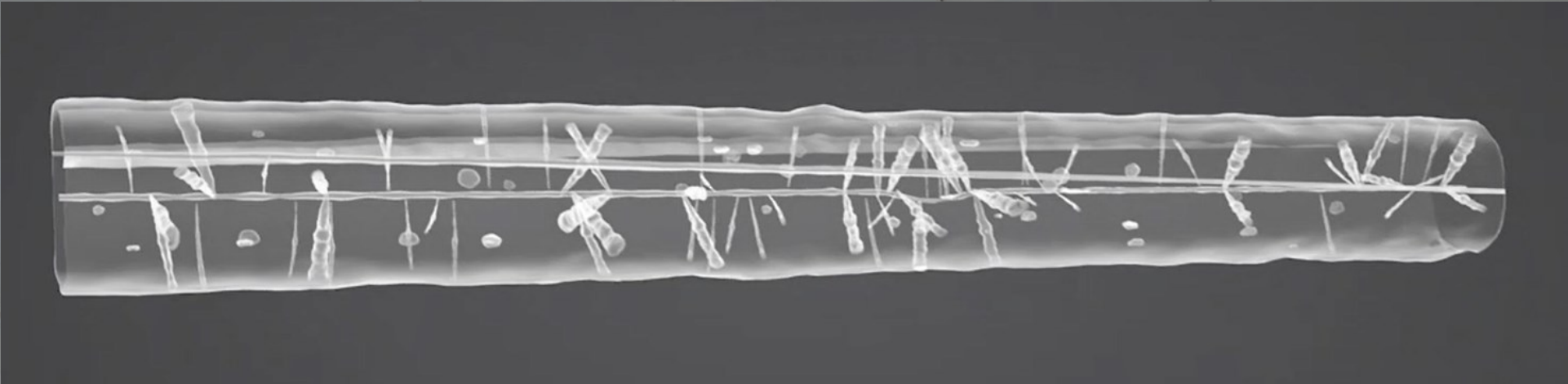
Raw material/
Logs



Non – targeted
Products

Renewal of the solid wood processing chain
- example

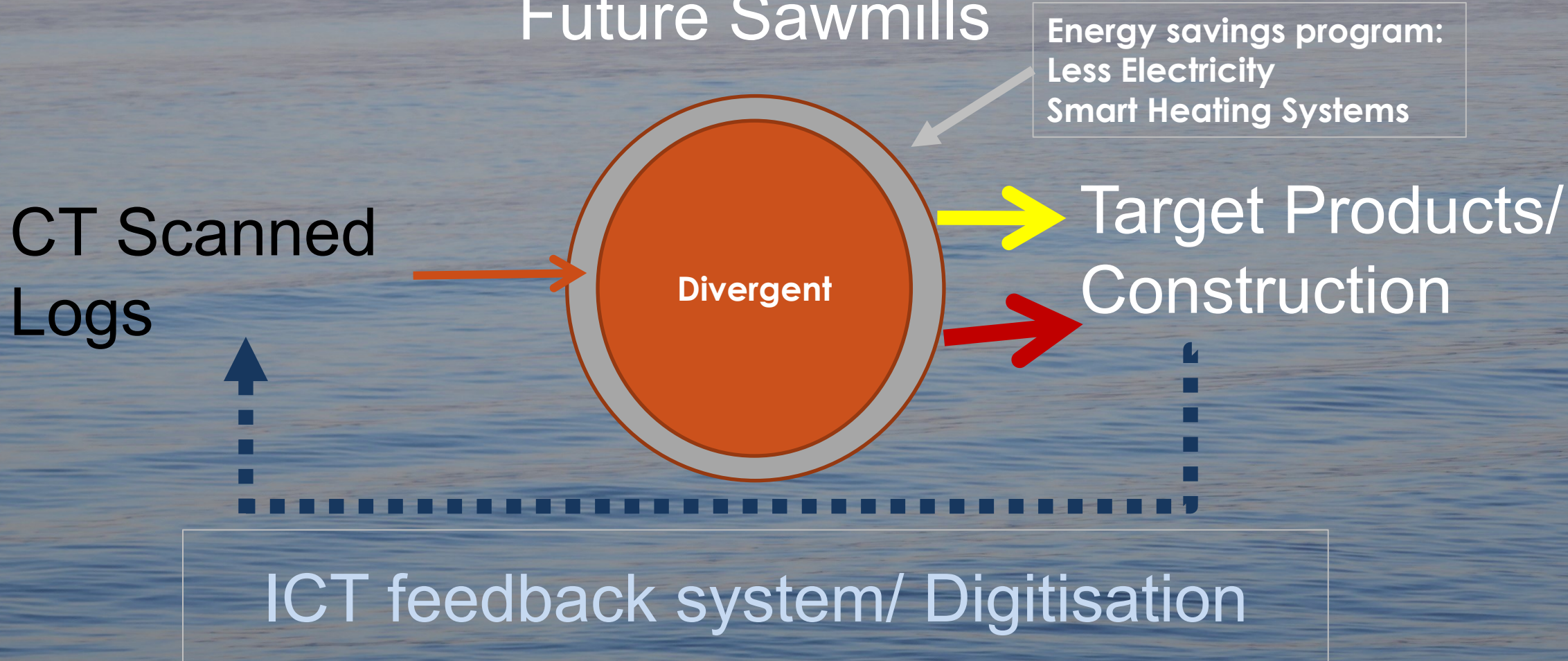
CT scanning - Looking into the log



Industrial implementation starts now

"Sawmill revolution" → 2018 – 2030?

Future Sawmills



Expected future situation

Better Profitability – customer driven process

More efficient processes – lower energy consumption; higher yield

What's important coming years

- climate mitigation effects and regional growth

- Enable and ensure that innovations for the solid wood industry will **not be a failing link** in the future sustainable and competitive **wood building** chain
- Increase **Investments** in research and solid wood industry for development of fossil based **substitute products**
- Create **attractiveness** for education, research and rural wood industry sector

For me - Direct support , advice and cooperation

Thank you for listening

