



## **Jukka Matikainen**

Multi-skilled Sales & Business Development professional with a Double Master's degree in Business & Technology.

### **Overview**

Jukka is a highly regarded and successful driver of business growth with a diverse background in **Direct & Indirect Sales**, **Marketing**, Strategy, **Product & Service Management**. For the past 10+ years, he has worked in global multi-billion sized corporations (construction, automotive, and forest product markets) in Canada, UK, the Philippines, Australia, and Finland. Double Masters in Industrial Engineering and Corporate Finance.

### **Key strengths**

Business Development, Direct Sales, Distribution Management, Consultative Selling, Technical Sales, Business Planning, Product Marketing, Market Research

### **Nordic Trading House**

Nordic Trading House is a **Vancouver**-based company **helping Nordic companies** to access the North **American market**. We can **sell, market, and distribute** your **products on behalf of you** or we can help you to conduct market research before deciding to expand to North America. We have combined experience of 20+ years in business development, sales, and marketing. We are passionate about **selling** and **marketing** innovative **products**, **increase productivity**, **reduce the total cost of ownership** or **make lives better**. Our Nordic background helps to understand cultural differences and to avoid potential pitfalls due to a lack of cultural and local understanding and knowledge.

### **Education**

- Master of Science, Industrial Engineering (DI, LUT)
- Master of Science, Economics & Business Administration (KTM, LUT)

### Career

- CEO, Nordic Trading House, Vancouver, CA
- · Senior Account Manager, 3M, Vancouver, CA
- Senior Account Manager, Hilti, Vancouver, CA
- Product Marketing Manager for Northern Europe, Hilti, Manchester, UK
- Business Development Manager, Hella Australia & Philippines, Melbourne, AU
- Business Development Engineer, UPM, Melbourne, AU
- Analyst Corporate Strategy, UPM, Helsinki, FIN















### Some of our clients (Canada and the U.S. Projects only)

































OULU



















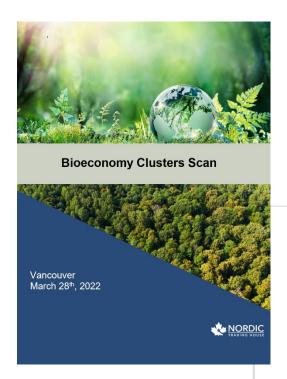


## Contents

- The Forest Bioeconomy Cluster Benchmark
- International collaboration
- Logging operator training



# The success factors of five forest bioeconomy clusters were studied in the study for BC's Ministry of forests



### **Bioeconomy Clusters Scan**

An analysis of how Forest Bioproduct Manufacturing Clusters have been successfully realized in jurisdictions outside of B.C. and what can be learned from the successes to realize clusters in B.C.

Nordic Trading House Ltd.

Submission date: March 28, 2022

### Some of the key findings

- Planning: Cluster planning and preparation should follow an analytical, thorough, and well-thought process
- Ownership: The cluster is recommended to be owned by its members, which creates long-term commitment and secures some of its funding
- Funding: Continuity is important when establishing a cluster
  - Commercial success with new companies and products might take 5 to 8 years
- Management: The cluster should be led by a person who is trusted by all stakeholders (e.g., , First Nations, companies, government, public organizations, R&D)
  - The cluster cannot be led by a university or a research organization
- Labour: Availability of skilled workforce for R&D, management, operations, and commercialization is a critical success factor
- Companies: Successful clusters have strong and large companies capable of making large investments
- Collaboration: Siloed thinking between stakeholders needs to be overcome
  - Collaboration between multiple stakeholders should be a prerequisite for government grants/funding for large projects

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Joensuu is the Forestry Capital of Europe. Their innovation ecosystem includes worldclass companies, research and education organizations.

# Why Joensuu is Forestry Capital of Europe? Our Climate Smart Forestry Joensuu innovation ecosystem includes

- City of Joensuu
- Province of North Karelia
- Our world-class companies
- R&D and education organizations
  - University of Eastern Finland, Karelia, Riveria, LUKE, FFC
- Joensuu is recognized Global Hub of Digital Forestry
  - Welcome to our flagship event Forest & Photonics Nov 2023!
- The Forestry know-how hub of Europe
  - European Forest Institute located in Joensuu
  - Natural Resources Institute Finland (LUKE)
  - Finnish Forest Centre
  - Finnish Environment Institute (SYKE)

JOENSUU



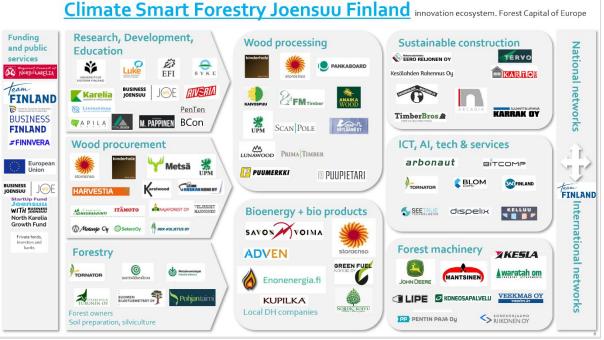






### **Insights**

- The Joensuu region and Quesnel have similar challenges
  - Fiber supply will decrease over the next 10 years
  - Bulk pulp production shifts from Finland to the Southern Hemisphere
  - Burning of wood fiber will be more restricted in the future, and new end-uses for wood residues need to be invented



International collaboration

British Columbians will get an opportunity to join an excursion to Joensuu, where they will showcase forestry expertise in September. The tour is organized by the UBC.



#### For detailed information:



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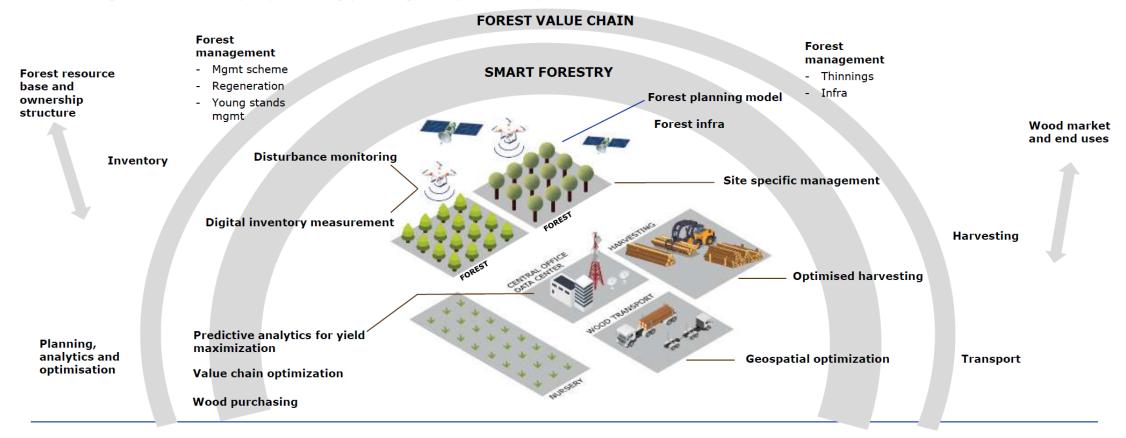




the European Union

# Climate Smart Joensuu Finland can provide **SOLUTIONS FOR THE FULL VALUE CHAIN**

Smart forestry focuses on digital solutions to improve accuracy and efficiency in the forestry value chain from forestry operations to harvesting and wood transport, including planning, analytics and optimisation





**BUSINESS JOENSUU** 



# Finland has MOUs with the Canadian federal gov't and BC. The Joensuu region/North Karelia is interested in signing MOUs with Quesnel and PG to make the collaboration more concrete.



suomi svenska English

## Canada and Finland to continue and strengthen forestry sector cooperation

Ministry of Agriculture and Forestry 24.5.2019 14.58 PRESS RELEASE



Canada and Finland have renewed their forestry sector cooperation agreement. The parties to the five-year Memorandum of Understanding are the Ministry of Agriculture and Forestry of Finland and Natural Resources Canada.

The updated Memorandum of Understanding includes a new section on forest-based bioeconomy. Both countries have a long history of work in the forest industry. The past few years have seen the development of new wood products based on new production technologies on the one hand, and more effective use of forest industry side-streams, for instance, on the other. Cooperation between Finland and Canada will continue to be based on research and development activities, which are expected to lead to an increase in commercial operations.

"The countries' research expertise and infrastructures complement each other very well, so both countries

benefit from the cooperation," says **Jaana Husu-Kallio**, Permanent Secretary at the Ministry of Agriculture and Forestry.



### Joint action plan will benefit people in B.C., Finland



https://vnk.fi/en/-/1410837/kanada-ja-suomi-jatkavat-ja-tiivistavat-yhteistyota-metsaalalla

https://news.gov.bc.ca/releases/2022JERI0026-000844





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# Riveria is a provider of vocational training. They have a state-of-the-art logging operator training program and facilities in Valtimo, Finland



### **Curriculum in Valtimo**

### Vocational qualifications (Youth and adult)

- Harvester operator
- · Forwarder operator
- · Excavator operator
- Mechanic
- · Timber truck driver
- Lumberjack (manual worker)

### Specialist and further vocational qualifications (Adult)

- · Harvester pro-operators
- Forwarder pro-operators
- Pro Mechanic
- Supervisors









### **Insights**

- Logging operator profession:
  - requires a three-year degree
  - is a respected and wanted job
  - pays reasonably well
- New machines are highly sophisticated:
  - require a skilled workforce
  - youth see them as an attractive work environment
- Proper training ensures profitable harvesting operation, and the machines won't face unnecessary break-downs due to the misuse

Joensuu//Kitee//Lieksa//Nurmes//Outokumpu//Valtimo// RIVI Curriculum competence based credits (180 credit)

- Introduction to
- forest operations, 20 credit (13-week program)
- forwarder operation, 20 credit (12-week program)
- · maintenance, 20 credit
- > Mandatory topics 35 credit
  - · math, physics, Finnish, Swedish, English, life skills
- > Specialization 65 credit
  - Forwarder Harvester Excavator Logtruck driver Mechanic Logging/Forestry skills
- > Elective 20 credit. Introduction to
  - · excavator operation 10 credit (spot mounding)
  - heavy truck license 10 credit (transporting machines)















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The training program lasts 3 years, starting from basic training with simulators and theory lessons. Later on, the students get to work on real machines on training and logging sites

## Model of phased teaching



Master the basics



Training site

Static simulator for practicing crane operation

Maneureving skils for thr real forwarder

Measurements and documentation are

Understanding of work



Focusing on learning job design skills
Measuring competence and giving
feedback still depends on the teacher
As a tool Drone
Dokumentation for Workseed

Learning for work

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site visit Display
Skills evaluation

Efficiency, Productivity

### Harvester

> 65 Credit

> Forest operations, thinning & clear cutting

ICT devices, adjustment, calibration, logging site managing, maintenance and repair

> Planning the own work

On the job training

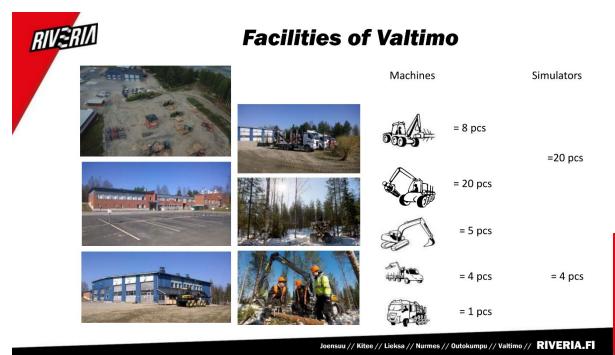
Efficiency - Productivity



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The training campus has great facilities, including 38 machines and 24 simulators. The training field has static electric simulators providing a safe environment to operate real machines.



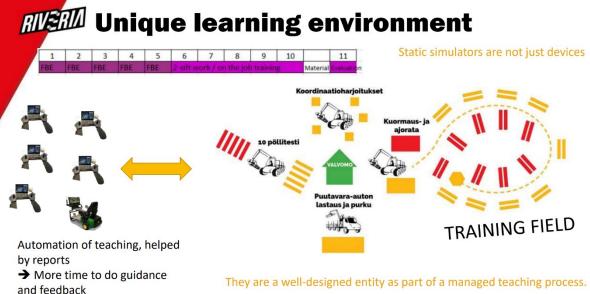
### **Insights**

 The training centre has machines from three major machine manufacturers including: Ponsse, John Deere, and Komatsu









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# Thank You

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