



NOVA

Northern Ontario Value Added Initiative

Making the Connection

Introducing NOVA for Technical Service in value-added wood products

NOVA Bioenergy Technical Seminar

November 18 and 19, 2009

Frank Laytner

The NOVA program is funded by:



Who is the NOVA Team?

Peter Åsman – Timmins

M.Sc. Mechanical Engineering – Wood Technology

House building Engineering. Sawmill production supervisor, Sawmill Engineer, Sawmill optimization, Sawmill Process Engineer, Industry Advisor in Value-Added Products.



Carole Blaquiere - Sault Ste. Marie

B.Eng Engineering – Industrial, Diploma in Quality Control & Information Systems

Operations Engineer, Industrial Engineer, Safety and Quality Control Coordinator. Industry Advisor in Value-Added Wood Products.



Andrzej Bernat – London
Engineering Degree- Information Technology

Production Process, Mill General Manager, Plant Manager, OSB Consultant, IKEA Trading Services Technician, Industry Advisor Forest Products Industry since 1987.



Percy Champagne – Barwick
Boiler Engineering

Forest Products Industry since 1978 . Chief Boiler Engineer, Maintenance Superintendent, Operations Superintendent, OSB mill manager, Safety and Preventative Maintenance manager, Director / General Manager. Industry Advisor in Value-added Wood.



Frank Laytner – Bracebridge

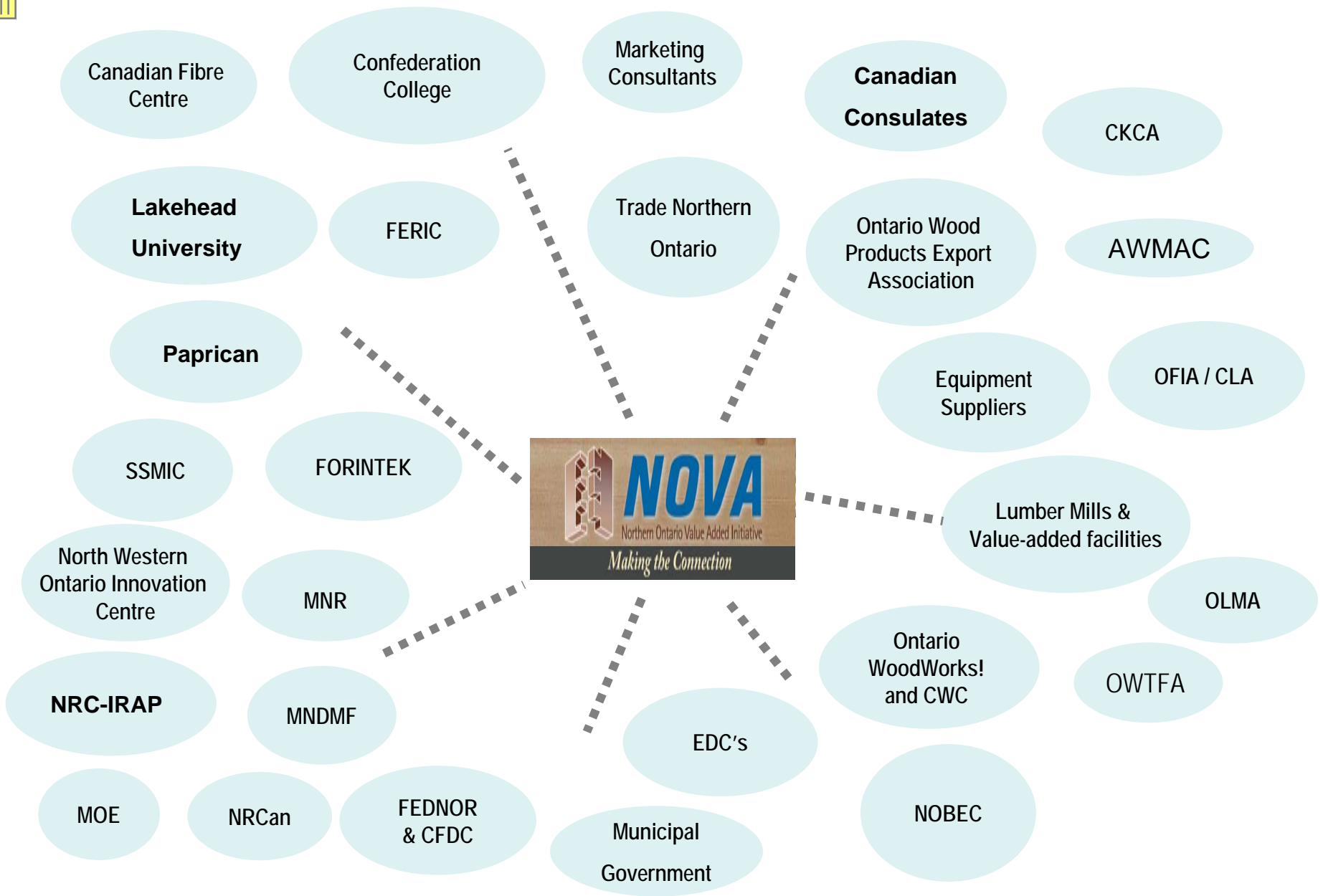
BScF.& MSc. Wood Science, PhD Chemical Engineering

Worked since 1980 throughout the wood products industry in research, mill and corporate environments. Experience includes work on the development of OSB and Timberstrand, research on new lumber drying technologies, technology manager for a particleboard and melamine plant, I-Joist and edge-glued panel business development, Director of value-added wood products development and technology. Industry Advisor in Value-Added Products.



Collectively we have more than 150 years of experience to offer our clients, 120 of which is in the Wood Products Industry.

Sawmilling – Lumber Drying – Engineered Wood – OSB – Particleboard – MDF – Biomass – Pellets – Furniture..





What are our Clients saying?

- “As a result of our dry kiln analysis our dry kiln costs have come down and our quality went right up by following their recommendations.” **Mark Fryer, R. Fryer Forest Products**
- “We have hired a sales agent as a result of attending a NOVA marketing and sales seminar.” **Kevin Lindquist, Niska North**
- “We now produce a better product which in turn has increased the level of satisfaction from our customer.” **Kevin Mulligan, Woodchucker**
- “We have increased sales by focusing more in producing value-added products.” **David Smith, God’s Country**
- “We are currently working better as a team and currently redoing the floor plan in our plant”. **Cheryl Maitland, Espanola Woodworks**
- “NOVA answered our questions and we learnt that it is not a good time to enter the market.” **Michel Alary, Norjean Transport**

How have we helped?

These are just a few examples.

- Plant layout for a new value added outdoor furniture factory as well as assisting in increasing CNC Router productivity by four times.
- Reduced costs by \$5 per Mfbm through gains in Efficiency in kiln drying.
- Supplied valuable information regarding wood waste usage and in small scale drying of lumber.
- Reduced inventory costs by 19% and saved the company over \$128,000 through a kaizen exercise focused on raw materials.
- Bringing businesses together for the supply/purchase of metric sized lumber, heat-treated products, and furniture components.



What Does NOVA Offer?

- Introductory Seminars - to stimulate interest in Value-added wood products.
- Technical seminars - to transfer knowledge and technology from research institutions to the value-added industry. Past seminars include: Kiln drying for value-added products, Value-added opportunities in manufactured housing, Marketing and Sales of Value-added Products, Lean Manufacturing.
- Direct Technical Support (DTS) - Industry Advisor and internal resources at your disposal to focus on your products or process free for up to five days effort. These projects provide information and/or assistance in areas such as: equipment selection, process troubleshooting, Kaizen exercises, market surveys, product development.
- Product & Process Development (P&PD) – Industry Advisor, Internal resources and consultants to work on your opportunity. With your 25% contribution, NOVA will provide up to \$20,000 for studies such as product markets (furniture, cedar products, shelving, pellets), conceptual plant layouts, process improvements (kiln drying, finishing, machining, etc), work flow (Lean manufacturing).



Thank you for your time!

Any questions? Please contact us.

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