

Branching out
Find your career in the forest industry



Rethink wood
The possibilities are endless



The forest's future
Minister Pat Bell speaks on innovation and opportunity

MEDIA PLANET

March 2012

THE FOREST INDUSTRY

MAIN PHOTO: FORESTRY INNOVATION INVESTMENT

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FACTS

THE SUN RISES ON ONE OF BC'S MOST STORIED INDUSTRIES

Inside: Innovative architect Michael Green explains how he and others in the forest sector are redefining what is possible with wood

YOUR SOURCES FOR INFORMATION ON WOOD DESIGN AND CONSTRUCTION

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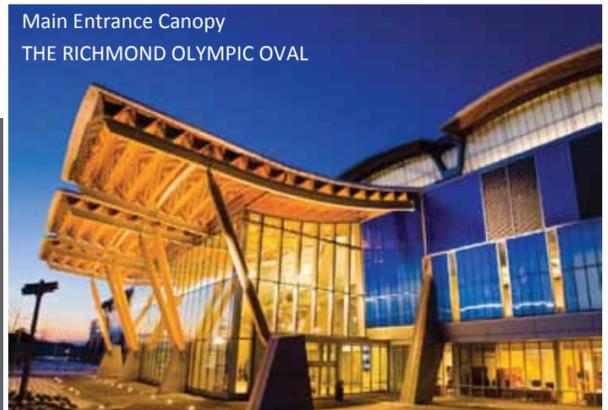
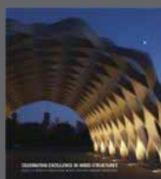


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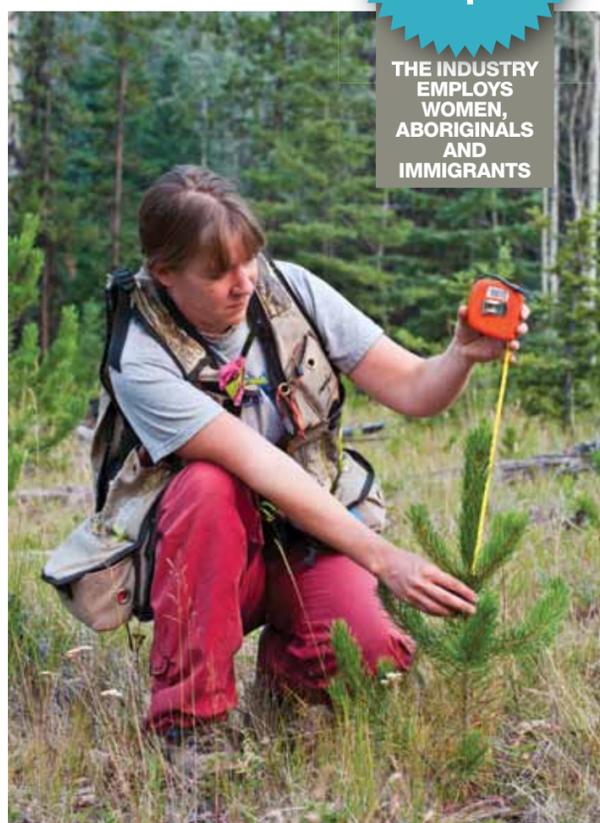
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CHALLENGES

FACT

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THE INDUSTRY EMPLOYS WOMEN, ABORIGINALS AND IMMIGRANTS



WE RECOMMEND



Housing the world
How innovative architect Michael Green is raising the standard for sustainable building design.

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“My vision for the future is that we will have whole cities built in wooden structures.”

Your perfect career p. 6
Find your place amongst the forest trade.

Returning to our roots p. 7
Why the culture of wood remains important to our society.

PHOTOS: FORESTRY INNOVATION INVESTMENT

The forest industry must strike a balance between the demands of the market and those of the environment. Through a renewed emphasis on research and pilot projects, **the industry has won the support of environmental groups.**

A change in attitude means a change in fortune

Bone replacements, jet fuel and auto-parts—these are all products made from wood fibre.

These are not the kind of products you would normally associate with the forest products industry—a sector historically



Avrim Lazar
President & CEO,
Forest Products Association of Canada

known for cutting trees, sawing them into lumber and selling them to the nearest market. These traditional activities will always be at the core of our sector. But today's competitive global economy requires new thinking about our forest resource. Instead of building a business model based on a “commodity consciousness”, we need to instead embrace a “market consciousness” that responds to the shifting demands of the marketplace.

Cultivating new markets

A prime example is how the engine of economic growth has shifted to Asia. The industry responded by aggressively cultivating these markets to the point that forest products are now Canada's number one export to both India and China. Twenty-

eight mills have reopened in BC because of the upsurge in exports to China.

Or consider the emerging bio-economy. A recent study identified a potential world market of \$200 billion dollars for bio-energy and bio-products made from wood. The Canadian forest products industry is now emerging as a global leader in trying to exploit this vast potential. For example, Canada has the first commercial plant aimed at the production of nano-crystalline cellulose. Pulp and paper mills are re-inventing themselves as bio-refineries. Wood waste is being turned into parts for HD TVs, pharmaceuticals and food additives. And forest companies are partnering with the auto, chemical, energy and other sectors to find ways to extract innovative bio-products from trees.

Appreciating nature in all forms

The sector is also hoping to respond to demands in the construction market aimed at those who appreciate the performance and aesthetics of using natural wood. As a result, the industry is attempting to go on beyond lumber for the residential market and develop building systems for larger construction projects.

Products made from wood, a renewable resource that is part of nature's cycle, are becoming increasingly attractive in the marketplace because of the growing consumer sensitivity to products with strong environmental credentials. In response, Canada's forest sector has moved decisively to become the greenest and most progressive fo-

rest products industry on the planet. Greenhouse gas emissions have been cut by about 60 percent since 1990. The industry has eliminated dioxins and cut water use. More of Canada's forest management policies are independently certified than any other country by far. And these world-leading improvements in forest practices have won the support of big-name environmental groups in the marketplace.

This new model of responding to market demands is forcing the forest industry to increase its capacity. This means a big emphasis on research and pilot projects. Canada's FPInnovations is now the world leader in forest product research and development. It also means refreshing our workforce. The industry is now hiring, underscored by a report by the Forest Products Sector Council estimating a need for 40,000 to 120,000 new workers by 2020. There are now huge career opportunities for those with the skills, knowledge and the desire to work in the sector.

The re-invented forest products industry has a bright future. The sector is no longer just framing itself as a mere hewer of wood and is instead actively responding to shifts in the global marketplace. With this change in attitude, Canada's forest products industry is confident it can triumph in tomorrow's economy.

AVRIM LAZAR

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Exploring BC's sunrise industry

Innovation in BC's forestry sector is radically restructuring the industry as a new player in the bio-economy, according to Pat Bell, Minister of Jobs, Tourism and Innovation for BC.



Pat Bell
Minister of Jobs,
Tourism and
Innovation for British
Columbia

“It has become a vibrant industry but, more importantly, it's taking something that we all considered to be waste a few years ago and it's creating economic value,” says Bell. “That in turn is allowing our forest industry to expand and become not a sunset industry but a sunrise industry.”

Gone are the days of slash piles and waste wood, he adds.

Ancient materials, fresh innovation

Bell points to innovation in both the wood pellet industry and new ways of

using wood in non-residential and large residential building construction, which he says is driven by demand from emerging markets such as China, Japan and Korea.

“It's because countries like that are all establishing renewable fuel requirements so that will put pressure on the supply chain,” says Bell. “It will mean that people will go further to get biomass—that they'll have to reach out and capture more value from the forest.”

The shift in uses for wood pellets is rooted in an increased demand from Eu-

rope to meet renewable energy requirements.

“We've gone in five years from really having one pellet plant manufacturing 30,000 to 50,000 tons of pellets per year to now where we have about a dozen plants producing two million tons of pellets per year.”

But that's just the bioenergy market.

Using residual biomass to produce electricity has also grown.

A prime example is the Canfor Pulp Limited Partnership.

“I think it's the largest independent power producer in British Columbia now—they produce more electricity than any other single producer,” says Bell.

BC's carbon tax, touted as “one of the most advanced in North America,” will reach 30 dollars per ton this year says Bell, which is fostering some “interes-

ting investments in the forestry sector.”

Another component of the “sunrise industry” is utilizing cross-laminated reinforced timber in construction of taller buildings for both non-residential and residential use.

“It's opening up a whole new market for our forest products, it's very innovative, it's very high value and something we never used to do,” says Bell of the non-residential sector, which traditionally only uses 15 percent of wood in construction compared to residential which uses 85 percent.

“Ten years from now people will look back on it and say this is completely different than the forest industry that we knew of in the 1990s,” adds Bell.

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GROW YOUR CAREER



The new face of the forest products industry

➔ This is no longer your father's forest products industry or a fading sector with its best days gone by. There's a new buzz, a new boldness and a fresh new face to the forest products industry—one with a bright future and brimming with opportunity.

The Canadian forest products industry is the most environmentally friendly resource industry on the planet. Canada has virtually zero deforestation with more original forest than anywhere in the world. The industry is also undergoing an exciting new push into emerging markets.

Courtesy of Forest Products Association of Canada

INSPIRATION

BUILDING BLOCKS



Ancient materials, modern ideas

Beautiful, useful and sustainable—wood holds many of the properties looked for in a modern-day building material.

PHOTOS: FORESTRY INNOVATION INVESTMENT

The BC Forest Industry: Green, Innovative and Growing

The BC Forest Industry offers exciting career opportunities – We Need You

Our world is changing rapidly and the BC Pulp and Paper industry is transforming itself to meet the growing international demand for new, more sustainable products that range from renewable energy and transportation fuels, to bio-chemicals and other bio-materials. While challenges still exist, there has probably never been a more exciting time to join our industry.

British Columbia's Pulp and Paper sector is vital to the province's economic success, creating 40,000 high-paying jobs and contributing over \$1.3 billion to BC's GDP in 2010. Following significant rationalization and streamlining of operations over the past decade, and thanks to well considered government programs and significantly improved markets, investments are being made that are transforming the industry to ensure leadership in the emerging bio-economy. The forest industry is clearly a key player as the world looks towards renewable and sustainable resources to replace fossil fuels, chemicals and materials that will stem the tide of climate change.

To ensure our success several challenges are being addressed, including addressing the industry's aging workforce; facilitating collaboration between industry, government and

We are green, moving forward into the new bio-economy, and are looking for bright, energetic people from all trades and professions to grow with us.

academia; leveraging BC's existing bio-industry infrastructure; and developing key programs and policies that support this transformation.

The long term success of our industry depends on our ability to attract and develop new talent. In the next five years it is expected that more than 50% of our employees will retire, leaving thousands of high paying and exciting career opportunities in our industry. We have made great strides in rebranding our industry to show that BC's Pulp and Paper sector is green, growing, and innovative, and that we have real potential to become world leaders in the emerging bio-economy. The men and women working in this industry will be the ones providing tomorrow's climate change solutions.

Career opportunities in numerous disciplines

abound in our industry as people of all different professional backgrounds are needed, including careers for trades people, engineers, accountants, biologists, environmentalists, transportation specialists and foresters. Our industry is partnering with governments and academia to develop the much needed skilled workers and industry leaders of tomorrow. We recognize the need for radical new approaches that allow people to get both the experience and the skills to build a career. We are improving and accelerating apprenticeship programs, encouraging co-op style work experience programs, and developing new university programs to prepare students for the new forest based bio-economy.

With the support of the provincial and federal governments, we are improving industry hosting conditions in BC by developing funding frameworks that support the development of clean technologies and that allow for commercial demonstration plants to be set up. By fully integrating these bio-economic pursuits across all disciplines, we are creating a "seeds to solution" network that not only fosters innovative new products and technologies, but identifies necessary policy initiatives and global end-markets so that these pursuits can be successful on a commercial level.

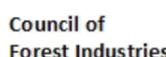
The BC Pulp and Paper industry is well

positioned to profitably serve the growing economies of Asia and Eastern Europe, and the growing global demand for sustainable bio-products and renewable energy tell us our future will be exciting and full of innovation. Our industry's future lies in our ability to extract these new and sustainable bio-products from the waste wood we currently process. Looking both within and outside our provincial borders, governments, industry and universities are collaborating to develop global markets for those new bio-products. The requirements of sustainability and of full harvest utilization mean that research and development initiatives will be a top priority.

By leveraging BC's existing expertise, and continuing the green transformation of our industry that has already begun, we are planting the seeds that will establish British Columbia as a global hub for bio-economy expertise and as a model for how a modern, sustainable forestry industry operates.

If you haven't thought about a career in our industry, please do. You will certainly be surprised by what you will find.

David M. Gandossi
Chairman of the BC Pulp and Paper Task Force



INSPIRATION

Award-winning architect Michael Green may be renowned for his envelope-pushing sky scrapers and international airports. What sets him apart, however, is his mission to spread awareness about using sustainable materials.

Nurturing our forests, housing the world

FACT

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CANADA IS THE
WORLD'S
LARGEST
EXPORTER OF
FOREST
PRODUCTS

LEADER TO LEADER

He's the founder of Michael Green Architecture Inc. and leads an influential team of innovators through an industry where ingenuity meets precision—and his awe-inspiring visions materialize into award-winning buildings, skyscrapers, and international airports.

Michael Green's appreciation for architecture stems from his childhood memories of building little wooden structures with his grandfather. Shortly thereafter, upon reflecting on those cherished moments, his fascination with aesthetic appeal ignited an admiration for working with wood and transformed his approach to the creative process. "Aesthetic properties of wood are amazing and allow me to explore many ideas. I'm a modern architect and what I like are very simple, elegant spaces. My practice is heavily invested in the idea that wood is the finest tool to use from both an aesthetic and environmental point of view," he says.

Maximizing what wood has to offer

Wood is grown by the sun, produces oxygen and is the best principal material to utilize in the creation of buildings and furniture. Today,

concrete and steel are predominantly used to build urban environments, but the downside to this method is that these two materials carry a large carbon footprint. In order to address global CO₂, it is imperative that architects and engineers view wood as an excellent resource and maximize its potential. Furthermore, wood-only structures are great for the environment for two reasons: they reduce carbon emissions and remove carbon from the system. In fact, for every one cubic meter of wood used in a structure, one tonne of carbon is stored.

Investing in innovation

Green has embarked on a mission to spread awareness about wood-only structures, in addition to climate change, through his recent Canadian study called "The Case for Tall Wood Buildings". The goal is to shift the building industry towards creating competitive systems around concrete and steel. "Finding the Forest Through the Trees" is a revolutionary system using mass timber elements, created by Green, which introduces a new approach to the way buildings will be constructed in the next decades. Until recently, the BC building code only permitted wood buildings that were four stories tall—six is now the magic number. However, accor-

PROFILE



Michael Green

■ **Founder of:** Michael Green Architecture Inc., an Architecture + Interior Design firm in Vancouver BC.

■ **Size:** 14 Employees

■ **Mandate:** MGA is motivated to design with meaning on large and small projects both in BC and around the world.



HIGH HOPES
Green's innovative ideas include skyscrapers built nearly entirely of wood.
PHOTO: MICHAEL GREEN ARCHITECTURE

surpasses 20 stories. "This is an exciting time because this study has shown how to build extremely large buildings, 20 to 30 storeys tall, using 99 percent wood—the first of its kind in the world."

Going green to house the planet

Another human need requiring attention is world housing, a problem that goes hand in hand with climate change. Statistics prove that three billion people in the world are going to need a new affordable home in the next 20 years. This is a reflection of the rapid growth within our population and is also the motivation behind investing in ideas about using wood as a carbon neutral solution. "My vision for the future is that we will have whole cities built in wooden structures," Green states. It will take mental toughness to execute this dream, but under his leadership and coupled with incredible persistence, Canada can look forward to a more eco-friendly environment because his work is far from done and the best has yet to come.

ding to Green's research, it's very possible to build a wooden structure which

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Our reputation for high quality products, to exacting customer specifications, positions us as a preferred supplier.

MARKETS

Our customers from over 25 countries are supported by service agents in more than 15 locations around the world to source exactly what they need and delivered on time.

The Coastal Forest Industry Has Staying Power Western Forest Products is Proof

Size Matters

- We have the scale to be a **reliable** supplier to our customer base
- We have the logging and manufacturing **capacity** to harvest our tenure sustainably
- We are large enough to attract the **infrastructure** to support healthy forestry economies
- We have the **expertise** to support industry associations and research
- We have the financial **resources** to operate continuously through the cycle

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- Strategically located with the manufacturing scale to compete in global markets
- Utilize limited log exports to maximize domestic manufacturing and margins
- Significant market leverage through Pacific Rim access and a diverse customer base
- The leader in specialty manufacturing offering a diverse product line
- Preferred supplier to customers that have chosen wood as the superior building product
- Strong financial profile and the flexibility to pursue high-return growth initiatives
- Continuously improving cost structure to remain profitable in varying market conditions
- Investing in our business to generate greater returns
- Focused management team with a proven track record to execute strategy

Building a sustainable business for our investors, our people, communities and the environment

WFP
Western Forest Products Inc.

INSPIRATION



SUSTAINABLE DISCOVERY
The industry continues to invest in research and development to find new ways to push the limits of what is possible with wood.
PHOTO: FPINNOVATIONS

Tapping into the potential of building with wood

New green technologies and markets are opening up for wood and helping to place BC's forest sector at the heart of a more sustainable world.

As the sector looks to add value to its pre-existing industries, innovators across the board are utilizing forest products to meet the growing demands of renewable energy and products.

Mother nature's recipe

Forest industry R&D organization FPInnovations is on the front line of using technology to open the door to innovative new markets for wood.

Alan Potter, executive vice president of FPInnovations, says he anticipates pulp mills to become biochemical processing facilities of the

future.

"With more imagination and development you can extract all sorts of different value-added biochemicals to make biopolymers and plastics," he says.

Trees offer an interesting biomaterial, NanoCrystalline Cellulose (NCC)—that can be used in everything from paper, pigments to packaging, electrical and medical applications.

Consider that, utilizing elements of a renewable resource in products formerly made using non-renewables such as petrochemicals.

"There's a myriad of potential options," says Potter.

FPInnovations and pulp and paper company Domtar recently opened the world's first NCC pre-commercialization facility in Canada, under the name CelluForce.

"It's all part of trying to look at how

we can develop technology to use wood from traditional products to an intricate mixture of materials and substrates—and recraft them into new materials that very much fit the need for sustainable products"

Heating up the potential

Michael Weedon, executive director of the BC Bioenergy Network, points to an innovative way of tapping into the carbon potential of wood to re-envision an energy sector formerly dominated by coal and other fossil fuels.

"Some places have been switching from coal to woody biomass as a source of fuel," says Weedon.

He highlights a process called torrefaction—which involves heating woody biomass (the leftovers from forestry, lumber, pulp and, at times, the agricultural sector) at high temperatures in the

absence of oxygen to create a dry brick or pellet with coal-like characteristics.

"You're using the value of the wood and creating a coal-like material which you can combust like coal," says Weedon.

He points out that although some minerals are absorbed in the wood natural, the byproducts can be easier captured and contained, preventing their release into the atmosphere.

"Unfortunately the price of fuel it's going to be going up for all of us, and what that's going to do for many of these woody biomass and processed wood options is represent an opportunity for further development of the industry," adds Weedon.

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SAFETY SPOTLIGHT



A focus on industry safety

Improving safety and working conditions for the young people in the forestry industry is not just about safety and humanitarian action but a necessity for business sustainability and a protection of their most important investment, their workers.

Making safety a business model means that it is no longer a matter of "safety first", but "safe production first". Organizations like St. John Ambulance encourage insurance companies, government and other regulatory bodies to implement more "rewards" type programs to incentivize safety training and safer working environments, to businesses in all industries, including Forestry.

Making change possible

Providing a singular solution point for industry for training and safety supplies, continuously expanding and innovating training and safety programs to meet increasing and changing industry needs and putting tools in the hands of industry stakeholders are all necessary steps in allowing owners and managers to be more hands on when it comes to developing more comprehensive safety plans for their organizations.

CARSON INGHAM
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St. John Ambulance is expanding our Industry Training and Online Courses

The only first aid training provider that offers multimedia WorkSafeBC Level 1 classes with all new videos.

The only first aid training provider that includes a \$30 Lifelong learning voucher, pocket mask, crepe bandage, a full-colour "Occupational First Aid Reference Manual", "Because We Care" poster and decals, and first aid poster with every Level 2 or Level 3 class.

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INSIGHT



DON'T MISS!

What jobs are available for you in the industry?

→ Professional forestry is about the sustainable management of BC's forest resources. Registered Professional Foresters (RPFs) and Registered Forest Technologists (RFTs) use modern technology to plan strategic activities and operational practices across the province's wooded areas. These activities and practices include monitoring tree health to see the impact of insects or diseases; protecting watersheds and streamside ecosystems; ensuring that important wildlife habitats are maintained during logging operations; breeding trees that grow faster, bigger and are disease resistant; integrating Aboriginal traditional values into plans; building and maintaining resource roads that are safe; managing teams; and many more.

Extending the green influence

Forestry professionals do exciting and challenging jobs for a variety of employers including government, forestry companies, environmental groups, First Nations, independent power producers and even mining or oil and gas companies. Some forestry professionals run their own companies and provide forestry services to other organizations.

No matter who they work for, forestry professionals strive for high professional standards and to strike a balance between economic, social/cultural and environmental values the people of BC have placed on the forests.

Courtesy of Association of BC Forest Professionals

Dr. John L. Innes

Professor and Dean :Faculty of Forestry, University of British Columbia

ECONOMIC SUCCESS

The global market for wood-based products is set to increase, particularly as people realize that **wood is the world's most popular building material.**

The forest industry: Turning over a new leaf

With the media focused on the problems of the forest sector, the positive side of the industry is often overlooked. Companies that have diversified their products and markets are doing better than many global competitors, and significant financial investments are being made in new processes and products.

The global market for wood-based products is set to increase, particularly as people realize that wood is the world's most sustainable building material. In addition, research is indicating that wood could be the source material for chemicals, fibres and many new products to replace the use of nonrenewable

resources with renewable resources. However, while the demand for wood is set to increase, maintaining the supply is becoming ever more challenging as more and more land is needed for food and fuel production as well as non-consumptive uses such as biodiversity, carbon sequestration and other environmental services.

Growing trees for a growing economy

These trends are leading to increased opportunities for skilled people in the forest sector. This need is being accentuated by the high proportion of baby boomers in the industry, which will lead to growing shortages of early and mid-career professionals over the next 10 to 15 years. This points to increased need for forestry education, yet capacity in some

parts of Canada (and globally) has been declining. Fortunately, there are many possibilities for an advanced forestry education in British Columbia.

BC's post-secondary institutions are increasingly successful in attracting not only domestic students but also international students to their forestry programs. For example, the University of British Columbia has seen a sharp rise in the number of people applying to the Faculty of Forestry's broad range of programs, and today there are a record number of students enrolled in the Faculty. The Province's other university-level forestry programs are also seeing increasing numbers, reflecting a growing interest in environmental education.

It is critical to meet the growing demand for forestry and other natural re-

source professionals from our universities, yet there is already evidence that some employers are having difficulties with recruitment. The combination of environmental knowledge, problem-solving skills, business familiarity and communication capabilities are making graduates from forestry programs extremely attractive to a broad range of employers, both within and outside forestry. Today's graduates are no longer facing intense competition for a few opportunities, but a broad range of attractive career options. This is great news for graduates, but traditional forestry employers will have to come to terms with this change.

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The Voice of the British Columbia Interior Forest Industry

COFI works with governments, communities, organizations and individuals to ensure that forest policies in BC support the forest sector and, as a result, those who are dependent on the sector for business income or family supporting jobs.

Visit us at: www.cofi.org

Council of Forest Industries

FACT
3
THE FOREST PRODUCTS SECTOR COUNCIL SAYS THE INDUSTRY NEEDS TO FILL AS MANY AS 130,000 JOBS BY 2020

BENEFITING FROM THE CULTURE OF WOOD

Question: How can Vancouver citizens preserve their beautiful city?
Answer: Spreading awareness about the beneficial qualities of the forests can ensure growth for all.

It's noted that Vancouver has solidified its reputation for natural beauty. However, to maintain this polished image, citizens need to truly understand what nature has to offer.

The most amazing characteristics about wood are its light climate impact and the ability to renew itself. According to "The Case for Tall Wood Buildings" study, wood is the most significant building material and the best tool architects and engineers have for reducing green house gas emissions. "We have the ability to shape the future of our built environment through our choices in construction materials," says Eric Karsh, principal at Equilibrium Consulting and co-author of the study. Our forests have qualities to be very proud of and valued because they are reusable and help the city achieve a low carbon footprint, but as far as exploring the potential of wood, there is still so much ground to cover.

Wood at its finest

"There have been studies which prove that hospitals and school buildings featuring exposed timber measurably contribute to better learning," Karsh states. Its-strength-to-weight ratio is also very high, which proves that timber is a wise choice for buildings and everyday life objects like furniture and hand tools. When designing new retail spaces, homes and tall structures, architects are creating innovative techniques to develop new systems which use mass timber products. By creating wood-only structures, consumers are exposed to a healthier, eco-friendly environment.

Vision for the future

"In Canada, we have the best forest management practices in the world. Our country has the capacity to use this product to build structures that



GREEN THINKING
New innovations and technologies surrounding wood have made it both a feasible and sustainable building material choice.
PHOTO: FORESTRY INNOVATION INVESTMENT

will stand the test of time," says Etienne Lalonde, vice president of market development at the Canadian Wood Council. For years, wood has taken a backseat to concrete and steel in building large projects, but as technology advances, wood materials have repositioned themselves to the

forefront and have proved their efficiency in almost any type of structure such as: soccer stadiums, airports, and high rises. "Nanotechnology, used in wood coatings, is just one example of the exciting new fields being researched that can significantly improve the performance of wood,"

Karsh says. The use of wood deposits positive contributions into both society and the building industry and will continue to do so if harvested responsibly.

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Do you like working in a cubicle?

Do you dream about getting a 9-5 job?

Does being outside scare you?

If you answered yes to these questions, a career in forestry is not for you!

If you are looking for a career where you can spend time outside, use high-tech equipment to solve problems and help to manage one of BC's largest natural resources, then a career in forestry might be perfect for you. ABCFP members work in every corner of the province managing the forests by monitoring fish and wildlife, looking after forest health, harvesting, growing trees and many, many more jobs.

Learn more by visiting the ABCFP's website www.abcfp.ca or find us on Facebook.



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Our name is **innovation.**



FPIInnovations is among the world's largest private not-for-profit forest research institute, with the goal of strengthening the Canadian forest sector's global competitiveness through research, knowledge transfer and implementation.

We have recently realigned our research programs to increase delivery of innovations to our industry member companies in British Columbia and across Canada. As a result, we are strengthening our technical capabilities in the Market Pulp Research Program to deliver innovations to meet both short and longer-term goals including: technology development and implementation to improve industry competitiveness; pulp performance research to help our members retain market share in traditional markets and increase sales into growing market segments; and the integration of new bio-products to capture opportunities in the emerging bio-economy.

We are seeking to fill the following positions:

1. Research Leader, Chemical Pulping
2. Research Leader, Pulp Performance and Markets
3. Scientist/Engineer, Quality and Process Applications
4. Scientist/Engineer, Sensor Development and Applications
5. Chemical Engineer, Kraft Chemical Recovery
6. Wood Quality Scientist, SilviScan™ Applications
7. Corrosion and Materials Engineer

Positions in other FPIInnovations groups:

8. Manager, Intellectual Property
9. Manager, Intellectual Property and Licensing
10. Chemical Technologist, Wood Products

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