

## Harvesting Hemp

Tuesday, January 17th , 2017

Mackenzie Conference Centre

1pm-4pm

Come to this workshop to learn about the business opportunities emerging within this growth sector. Learn from the experts' valuable information on how you can bring hemp from seed to sale.

### Workshop Agenda

- 1pm Welcome & Introductions
- 1:15pm – 3:15 pm Presentations
- 3:15pm-4pm Q&A

### Workshop Speakers

#### *Industrial Hemp: A Market Outlook*

*Lori-Jo Graham, M.E. Des, - Program Lead Biomaterials*

*Alberta Agriculture and Forestry*

Industrial Hemp is an ancient crop with flourishing new markets including: bioplastics, automotive parts, green building materials, erosion control and remediation products, textiles, cosmetics, functional foods and nutraceuticals. Lori-Jo Graham, Alberta Agriculture and Forestry, will lead us through some of these exciting new market opportunities. She will highlight Alberta farmers, process and manufacturing companies who are seizing commercial hemp opportunities to diversify their businesses and build economic capacities in their regions while advancing environmentally responsible business practices.

#### *Biography*

Lori-Jo Graham is Program Lead of Biomaterials with Alberta Agriculture and Forestry. She holds a Masters of Environmental Design Degree from the University of Calgary with a specialization in Urban and Regional Planning. She grew up on a family farm in Northern Alberta where she learned firsthand environmental stewardship approaches. She has worked for a number of organizations including the Canadian Parks Partnership. With the Government of Alberta, she has assisted in the development a number of emerging agriculture industries including industrial hemp. She has had the pleasure of providing development services to a number of international and locally grown businesses and regional organizations who are working to build Bio-Economy clusters in the province. She sits on a number of national associations including the Industrial Bioproducts Value Chain Roundtable and BioMass Quality Network-Canada.



## ***The Agronomy of Industrial***

***Byron James, BSc, PAg***

### ***InnoTech Alberta***

Byron James from Innotech Alberta will discuss agronomy (the technology of producing and using plants for food, fuel, fiber, and land reclamation), as well as Innotech Alberta's decortication plant, which uses wood and straw pulp from plants such as flax and hemp to create Cellulose Nanocrystals (CNC) for testing in commercial applications that will lead to production.

### ***Biography***

Byron is currently working as the supervisor, research farm and pilot facilities at Innotech Alberta in Vegreville. He is a native to that area, growing up on the family farm south of Lavoy where he still lives with his wife Joan and their 3 sons. Byron obtained his BSc in Agriculture from the University of Alberta in 1988 and managed to get a job at what was then the Alberta Environmental Centre in the weed sciences group. He has worked in several positions as the name changed at that facility to the Alberta Research Council, Alberta Innovates-Technology Futures and most recently Innotech Alberta. In his current role Byron oversees the research farm at Innotech Alberta which includes hemp agronomic research, supervises the operations of the hemp decortication plant at the facility and also continues to operate the family farm.

## ***From Concept to Commercialization: The BioComposites Group Story***

***Dan Madlung, CEO & Co-Owner***

### ***BioComposites Group Inc.***

Dan Madlung, CEO & President of BioComposites Group here in Drayton Valley will talk about his experiences and current opportunities to contribute to the growth of the bio-sector in our region. This conversation will entail his personal story of establishing BioComposites Group. Dan will touch on the types of hemp products as well as market opportunities for hemp fiber, his vision for the potential economic and job creation opportunity for Alberta and the region and lastly a current regional initiative to establish a hemp supply chain and industry.

### ***Biography***

Mr. Dan Madlung graduated with a Bachelor of Science in Forestry degree from the University of British Columbia in 1979.

For the following 25 years, Dan gained valuable experience in the forest industry. This included hands-on and management experience in Woodlands and various Solid Wood operations. He worked for several Forest Product Companies in Western Canada and Internationally. Experience varied from "hooking chokers" to VP Operations and included the production of lumber, OSB, plywood, LVL, moldable composites, finger-jointed lumber and chips.

In 2006, Dan pursued his passion as a full-time Entrepreneur. He owns several businesses focused on utilizing and adding value to fibre. This began as wood fibres and has expanded to agricultural and synthetic fibres.

Dan and his wife Brenda own BioComposites Group Inc.

