



Bioindustrial Directory

2017 – VERSION 1.1



Produced by BioAlberta

WWW.BIOALBERTA.COM | 1-780-425-3804

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INTRODUCTION

Welcome to the first business directory in Alberta geared specifically towards those companies operating in the bioindustrial sector! This directory aims to highlight those companies that use biological feedstocks, biological materials or organisms as a key part of their process, and/or produces a product with a high biological materials content. The directory also includes service companies and consulting companies with expertise in biological materials and processes, and industry associations supporting numerous companies in this industry.

This directory offers an exciting outlook for bio-based companies in the province of Alberta, and presents a diversity of companies who make use of renewable biological materials, from start-up to established business! Since this directory is in its first iteration, it is somewhat incomplete – the authors are aware of many other related businesses that were not able to participate in this first round of data compilation. It is the authors' hope and expectation that as the directory becomes a better-known tool, additional companies will contact BioAlberta for their chance to be included!

HOW TO USE THIS DIRECTORY

The directory presents each of the participating companies in alphabetical order in the “Company Directory” section. The participating companies provided their contact information and a description of their services, which are included in their company description. They also self-selected from a list of categorizations and sub-categorizations, based on their raw materials, their processes, and their products. Companies are listed by category and sub category in the “Categorical Index” section.

Users of the directory can find companies of interest based on their materials, processes, or products/outputs from the “Categorical Index” section, and then refer to further information about each company in the “Company Directory” section. The user could also search an electronic version of this directory for keywords of interest.

ACKNOWLEDGEMENTS

This project was made possible with financial support from Alberta Innovates (Bio Solutions), and with project support from Alberta Agriculture and Forestry development officers. The project was directed by BioAlberta staff, and the directory was compiled by Viresco Solutions Inc. The entire project team is very grateful to all the companies who responded to the requests for information and provided the content herein.

FUTURE VERSIONS

For more information about this directory, to update information about your company, or to have your company listed in the directory, please contact BioAlberta.

COMPANY DIRECTORY

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AirTerra Inc.

392 Capri Cr. N.W., Calgary, Alberta, T2L 1B2

Phone: (403) 830-0188 (403) 282-9192

Email: rob@airterra.ca

Website: www.airterra.ca

Robert (Rob) Lavoie, President

Karin Lavoie, Finance

Claude Lavoie, Logistics

Description: Biochar marketing and retail supply company. Development of a number of other biochar products is underway.

Brands: SoilMatrix Biochar

Alberta Rhodiola Rosea Growers Organization (ARRGO)

P. O. Box 671, Thorsby, AB T0C 2P0

Phone: (403) 650-7257 (780) 789-3301

Email: nelda@arrgo.ca

Website: www.arrgo.ca

Facebook:

<https://www.facebook.com/AlbertaRhodiolaRoseaGrowersOrganization/>

Nelda Radford, Managing Director

Christoph Steinraths, Processing Director

Description: ARRG0 cultivates and processes Rhodiola rosea for worldwide export. The herb is sustainably grown in Canada and the product is fully traceable. ARRG0 provides bulk Rhodiola rosea as an ingredient and has developed teas for the retail market.

Alternative Plastic Products Mfg. Inc.

1610 Lakeside Rd. Lethbridge, Ab. T1K 3G8

Phone: (403) 329-1713 (403) 382-9431

Email: gh@west-can.com

Website: www.altplastic.com

Grant Harrington, President

Devin Harrington, Key Contact

Description: Manufacturer of plastic lumber and posts from waste plastic

Biofuels Inc

Hwy 16 (Stony Plain Road) and 231 ST, Edmonton

Phone: (403) 261-9754 (780) 203-1909

Email: gnoll@fortistar.com

Website: www.fortistar.com

Fortistar LLC, Owner

Grant Noll, VPO

Brian Perrault, General Manager

Description: Wood recycling. Diversion of ICI and C&D wood waste from landfill to power generation.

Brands: Wood chip/hog fuel

BioPellet Company Ltd.

Suite 610, 600 6 Ave SW, Calgary, AB, T2P 0S5

Phone: (587) 393-8363

Email: blively@biopelletcompany.com

Website: <http://biopelletcompany.com/>

Keith Driver, CEO

Brad Lively, Project Coordinator

Description: BioPellet Ltd was established in 2016 to capitalize on the growing market demand for improved granular delivery systems for biological inoculants and fertilizers, as well as higher quality base pellet composition. We have utilized several years of laboratory and field trials from predecessor companies to create a new entity that specializes in agricultural, forestry, water sequestration, and lawn and plant care markets.

Botaneco Inc.

134-2985 23rd Ave NE, Calgary, AB, T1Y7L3

Phone: (403) 668-6685

Email: jlevine@botaneco.com

Website: www.botaneco.com

Twitter: @botanecoinc

James Szarko, CEO

Description: Botaneco purifies unique extracts from oilseeds that improve natural authenticity and performance of personal care products. By harnessing human potential, the power of oilseeds, and a natural proprietary process, our team of passionate Explorers, Artisans, and Difference Makers, are pushing the boundaries of innovation to fundamentally change how we care for ourselves inside and out while emphasizing sustainability and environmental conscientiousness.

Brands: Hydresia, CapSol, Karmyn

BioRefinex Canada Inc.

909 17th Ave. SW, Suite 400, Calgary, AB, T2T 0A4

Phone: (403) 705-1720

Email: chris.thrall@biorefinex.com

Website: www.biorefinex.com

Chris Thrall, President & CEO

Description: BioRefinex transforms organic waste material safely into high-grade organic fertilizers and feedstock for bioenergy products such as biogas and liquid biofuels. It is commercializing its proprietary thermal hydrolysis system that has been certified in 180 countries by the World Organization for Animal Health (OIE) as a destruction methodology for all micro pathogens including BSE-causing agents. It is developing the Lacombe Biorefinery project to commercially demonstrate the full capability range and has an existing license arrangement with the Lethbridge Biogas project.

Canadian Greenfield Technologies Corp.

159, 3953 112th Ave SE, Calgary, AB

Phone: (403) 720-6699

Email: info@canadiangreenfield.com

Website: www.canadiangreenfield.com

LinkedIn: <https://www.linkedin.com/company/canadian-greenfield-technologies/>;

Instagram: <https://www.instagram.com/canadiangreenfield/>

Mike Pildysh, President

Stephen Christensen, VP and General Manager

Description: Research, development, manufacture and supply of high-value engineered building materials.

Brands: NForce-Pro, NForce-Fiber

Canadian Wood Waste Recycling, Business Group

Site 115, Comp 1, RR#. 1. Alberta Beach, AB. T0E 0A1 CANADA

Phone: (780) 239-5445

Email: jdonaldson@cdnwoodwasterecycling.ca

Website: www.cdnwoodwasterecycling.ca

Facebook: <https://www.facebook.com/cdnwoodwasterecycling>

Twitter: @CWWR_INC

Also LinkedIn and Magazine

Jim Donaldson, CEO

Description: The Canadian Wood Waste Recycling Business Group is a premier collection of environmental businesses developing the Canadian Wood waste recycling, Bioeconomy utilization industry through our business group's collaborative industry resource services. We provide registered industry associates with the leadership, advice, guidance, resource tools needed to accelerate the growth of their business in the Canadian Wood waste recycling, Bioeconomy utilization industry.

Brands: Canadian Wood Waste Recycling, Business Group

Cielo Waste Solutions Corp.

102-4016 Charles St, Red Deer County, Ab., T4P 2A8

Phone: (403) 348-2972 (403) 391-1111

Email: donallan@cielows.com

Website: www.cielows.com

Don Allan, President and CEO

Description: Cielo plans to construct renewable diesel refineries using alternate waste feedstocks. Using feed stocks of municipal solid waste with plastics and cellulosic materials such as wet organics (compost), plastics, tires, paper, cardboard, sawdust and wood, we will be opening the doors to an untapped source of energy, with profit forecasts that make this project a very attractive investment. Cielo has been operating a demonstration plant in Red Deer for 4 years and is retrofitting an idle bio-diesel plant in Aldersyde, Alberta. This new plant will prove the commercial viability of our proprietary technology. Cielo has secured a second industrial site in Edmonton where Cielo will begin a much larger refinery.

Brands: Re-newable Diesel

CETC

5400 24th ave Drayton Valley AB

Phone: (403) 870-2433

Email: khansraj@draytonvally.ca

Website: www.cetc-dv.com

Town of Drayton Valley, Owner

Khalid Hansraj, MD

Manny Deol, COO

Description: We are a clean tech and bioindustrial business incubator serving the needs of central and northern AB entrepreneurs

Dapp Power LP

RR1, Box 6, Site 4, Westlock, Alberta

Phone: (403) 261-9754 (780) 954-2089

Email: gnoll@fortistar.com

Website: www.fortistar.com

Fortistar LLC, Owner

Grant Noll, VPO

Description: Fortistar is the parent company with over 3,000 MW of installed capacity in the US and Canada. Power is generated from wood biomass, waste heat, landfill gas and natural gas fired cogeneration. The Dapp plant in Alberta is a 16 MW electrical generating station utilizing wood biomass as fuel from a combination of forest mill residues and landfill waste diversion. T

Eau Naturele Fragrances Inc

1032 Sherwood Boulevard NW, Calgary, Alberta, T3R 1M9

Phone: (403) 471-7089

Email: Irene.schnell@eaunaturale.ca

Website: www.eaunaturale.ca

Facebook

Irene Schnell, Owner & Creative Director

Description: Eau Naturele specializes in fragrance and cosmetics formulation, marketing, and consulting. Our expertise will enable you to take your cosmetics or fragrance idea from concept to launch. Whether it be helping to find the right scent for your skincare lotion, designing a custom natural perfume, or reformulation of your existing product. We have extensive experience in raw material sourcing, natural fragrance formulation, marketing, and modern production techniques. We can work with you and your company brand to find the right solution.

Brands: Encore Sports

Enerkem Inc.

1130 Sherbrooke Street West, suite 1500, Montreal QC H3A 2M8

Phone: (514) 875-0284

Email: mlabrie@enerkem.com

Website: www.enerkem.com

Twitter : @enerkem

LinkedIn: <https://www.linkedin.com/company/enerkem-inc>

Vincent Chornet, President and CEO

Description: Enerkem makes biofuels and renewable chemicals from waste. With its' proprietary technology, Enerken converts non-recyclable municipal solid waste into methanol, ethanol and other widely used chemical intermediates. Headquartered in Canada, Enerkem owns and operates a full-scale commercial facility in Alberta and a demonstration plant and a pilot facility in Quebec. Enerkem's technology and facilities help diversify the energy mix and make everyday products greener while offering a sustainable alternative to landfilling and incineration.

Emergent Waste Solutions Inc.

2000 - 1066 West Hastings St. Vancouver BC V6X 3X2

Phone: (604) 282-7329 (604)741-1956

Email: khull@ewscanada.com

Website: www.ewscanada.com

Facebook: <https://www.facebook.com/EWSCanada>;

Twitter: <https://www.twitter.com/EWSCanada>

Kevin Hull, CEO, Director

Rob Wilde rwilde@ewscanada.com

Description: EWS is a Canadian company deploying the Advanced Thermolysis System (ATS) technology, an innovative, secure, efficient and proven method incorporating a proprietary thermolysis solution for the converting of waste materials into marketable products such as activated carbon, carbon black, biochar, synthesized gas and fuel oil. Our carbon products have a high surface area and high carbon content. Our fuel and oil are virtually free of carbon dust. The ATS provides waste disposal utilizing a safe, non-polluting, non-toxic process compliant with all environmental standards.

Brands: Emergent Biochar & Emergent Carbon Black & Emergent Activated Carbon

FORGE Hydrocarbons Corp.

Site 306, 250 Aurum Road NE, Edmonton AB, T6T 1J1

Phone: (905) 330-4778

Email: neilvk@forgehc.com

Website: www.forgehc.com

Tim Haig, CEO

Neil Vanknotsenburg, VP Projects

Description: FORGE Hydrocarbons Corporation (FORGE) is founded on patented technology from the University of Alberta (inventor Dr. David Bressler). The company's proprietary Lipid-to-Hydrocarbon (LTH) technology produces drop-in hydrocarbons such as renewable diesel, jet fuel and gasoline. FORGE aim to operate (or obtain licenses to operate) multiple, integrated commercial-scale biorefining operations using previously uneconomic, high free fatty acid (FFA) waste streams, such as biosolids, tallow, inedible vegetable oils, and yellow and brown grease. The process does not use expensive catalysts or hydrogen. Outputs meet or exceed petroleum standards.

FREDSense Technologies Corp

8-4220 23 Street N.E. Calgary, AB

Phone: (403) 852-7338

Email: emily@fredsense.com

Website: www.fredsense.com

Emily Hicks, President

David Lloyd, CEO

Description: FREDsense Technologies combines biology and electrochemistry to create portable and autonomous water monitoring technologies for use directly in the field.

Brands: FRED-Arsenic

Green Analytics

2057 111 Street, Unit 348, Edmonton AB, T6J 4V9

Phone: (877) 353-6835 (226) 820-0233

Email: jeff.wilson@greenanalytics.ca

Website: www.greenanalytics.ca

Twitter: @GreenAnalytics_

Jeff Wilson, CEO

Amy Taylor, Chief Operations Officer

Description: Green Analytics is an employee-owned independent consulting firm specializing in the economic dimensions of environment and natural resource management. We integrate research, analysis, business solutions, and database and software development for businesses and governments seeking innovative solutions for a more environmentally sustainable economy.

Brands: Green Metrics City

G4 Insights Inc.

7966 Winston Street, Burnaby BC, Canada

Phone: (604) 451-9166

Email: info@g4insights.com

Website: www.g4insights.com

Edson Ng, Principal

Matt Babicki, Principal

Description: G4 Insights is developing and commercializing proprietary PyroCatalytic Hydrogenation (PCH) technology to produce clean, low cost renewable natural gas (RNG) from lignocellulosic biomass such as forestry residue and agricultural crop waste. G4's technology delivers significantly higher net energy conversion and has lower capital intensity compared to other RNG technologies.

Greengate Power Corporation

Suite 350 - 237, 8th Ave SE, Calgary, AB, T2G 5C3

Phone: (403) 930-1302

Email: jordan@greengatepower.com

Website: www.greengatepower.com

Dan Balaban, President & CEO

Jordan Balaban, CFO

Description: Renewable energy developer/owner/operator

Grow the Energy Circle Ltd.

Box 210 Coaldale, AB

Phone: (403) 345-3844

Email: ckpfarms@hotmail.com

Website: www.growtheenergycircle.com

Chris Perry, President

Description: On-Farm anaerobic digestion Biogas facility. We utilize clean organic waste streams to produce biogas. This biogas is used to fuel a 900HP combined heat and power system, producing 633KW of 24/7 green electricity.

Hempco Canada Superfoods Inc.

915-34 Avenue Nisku AB

Phone: (604) 431-8787

Email: don@hempcocanada.com

Website: www.hempcocanada.com www.planethemp.ca

Facebook: <https://www.facebook.com/planethempsuperfoods/>

Charles Holmes, CEO/CVO

Angela Holmes, COO

Preet Marwaha, EVP

Description: Hempco has been a hemp seed food processor, marketer and distributor for 15 years. Hempco is expanding into hemp fibre processing. Hempco is publicly traded on TSX.V – symbol HEMP

Brands: HEMPCO – bulk foods, PLANETHEMP – retail brand foods

H&W Biogenics Ltd.

16223 101 Street, Edmonton, AB

Phone: (780) 908-6905

Email: biogenx@telus.net

Website: www.biogenx.ca

Facebook: <https://www.facebook.com/H.W.Biogenx/>

Harry Welling, Managing Director

Description: H&W Biogenics Ltd. is the home of one of the leading and most experienced Bio-Energy Project Development Consultancies, assisting private, corporate and public clients since 2004. Harald (Harry) Welling (MD) and the Biogenics Team have played a key role in the steady and proactive promotion of biomass- and biogas energy, and its sensible, successful use in Canada. We have followed an unwavering course to establish the basis for bio-energy projects to become a sustainable and reliable alternative for economic and environmental project development opportunities, even in smaller scales in Alberta, all over Canada and now also the United Kingdom and Ireland.

Brands: Lambion Energy, Koeb, Archea

International Laboratories

63 Skyline Crescent NE, Calgary, AB T2K 5X2

Phone: (403) 275-5113

Email: astrid@interlabcan.com

Website: www.interlabcan.com

Alex Robertson, President

Astrid Goguen, Vice President

Description: Manufacture, develop, and package a wide range of personal care products.

Brands: Private Label

International Paper

PO Box 3000, Grande Prairie, AB T8V 6V4

Phone: (780) 539-8535

Email: wade.doris@ipaper.com

Website: <http://www.internationalpaper.com>

Mark Sutton, Chairman & CEO

Description: We are a leading global producer of renewable fiber-based packaging, pulp and paper products, with 53,000 employees operating in 24 countries. We responsibly use renewable resources to make recyclable products that millions of people depend on every day.

Just BioFiber Structural Solutions Corp.

#12, 2916 - 5 Avenue NE, Calgary, Alberta T2A 6K4

Phone: (403) 984-5427 (855) 984-5427

Email: phil.doublet@justbiofiber.com

Website: www.justbiofiber.ca

Facebook: <https://facebook.com/justbiofiber>;

Twitter: <https://twitter.com/justbiofiber>;

LinkedIn: <https://www.linkedin.com/company/just-biofiber-structural-solutions>;

Philip Doublet (P.Eng.), President

Terry Radford, CEO Mac Radford, Founder

Michael deChamplain, VP Business Development

Description: Just BioFiber is an innovative building materials company that has developed a patented, sustainable, modular block building system, which combines environmental benefits with structural integrity and competitive cost in the global market. This is a carbon negative building system.

Brands: Super SSR, Climate Block, JBF Blocks

IRSI

4454 Eleniak Road NW, Edmonton, AB T6B 2S1

Phone: (780) 394-6173

Email: c.olson@irstrategies.org

Website: www.irsi-inc.com

Chris Olson, President

Description: IRSI designs and fabricates pyrolysis systems to reduce residual waste streams and produce value added biochar.

Lethbridge Biogas LP

4456 - 8th Avenue North, Lethbridge, AB T1H 6W5

Phone: (403) 328-1429 (403) 382-8409

Email: stefan@ecbna.com

Website: www.lethbridgebiogas.ca

Thane Hurlburt, President

Stefan Michalski, Director Operations

Ed Mulder, Plant Manager

Description: Processing of organic feedstock to produce biogas used for generation of renewable electricity and heat

Lowen's Natural Skincare

867 Oakside Circle SW, Calgary, AB T2V 4P6

Phone: (403) 969-6173

Email: chad@lowens.ca

Website: www.lowens.ca

Twitter: <https://twitter.com/Lowensskincare/>;

Instagram: <https://www.instagram.com/lowensskincare/>;

Facebook: <https://www.facebook.com/Lowens.ca/>;

Linked in:
<https://www.linkedin.com/company/2696773?trk=tyah&trkInfo=ta s%3Alowen%27s>; Pinterest: <https://ww>

Chad Zelensky, President

Description: Lowen's Skincare is a Calgary-based boutique cosmetic/skincare company. Our focus is product formulation centered on the needs and desires of the environmentally conscious consumer

Brands: Butter Balm, Make Room, Shampoo is Betta!, In Yo Face!, You Sure Clean Up Nice!, Get Buff!, Get Toned!...

Permolex

8010 Edgar Industrial Cres. Red Deer. AB

Phone: (403) 309-5254

Email: bduniece@permolex.com

Website: www.permolex.com

Randy Cook

Bridgette Duniece

VP

Description: A unique value-added grain fractionation facility located in Red Deer. The facility is the first of its kind in North America using feed grade wheat in all processes. The plants design incorporates leading technologies and processes to capitalize on the benefits of three traditionally independent manufacturing processes namely a flour mill, a gluten plant and a fuel grade ethanol plant. This unique integration allows the by-products of one process to be utilized as feedstock for the next process. Ethanol can also be made from barley, rye, triticale or corn in our process.

Brands: Vital Wheat Gluten, Permolex All Purpose Flour

Nova Green Inc.

5002 - 50 Street Killam AB.

Phone: (780) 385-3874

Email: barry@novagreen.ca

Website: novagreen.ca

Facebook: <https://www.facebook.com/NovaGreenCanada>

Barry Farquharson, CEO

Larry Donovan, President

George Ritchie, CSO

Description: Clean-Label, Clean-Tech'. NovaGreen is a late development stage company converting low value starting ag-based products, including Jerusalem artichoke straw and wheat straw, into value-added, in-demand 'clean-label' products, including high fibre Inulin, and Xylitol. Our 'clean-tech' approach converts primary process remnants into high value renewable energy storage and air/water remediation products. Final conversion processes address syn-gas and activated carbon production.

Resource Industry Suppliers Association

1002 7 Street, Nisku, AB T9E 7P2

Phone: (780) 489-5900

Email: risa@resourcesuppliers.com

Website: www.resourcesuppliers.com

Kerri McTaggart, Executive Director

Description: We are non-profit organization whose aim is to foster economic activity within the natural resource sectors. Furthermore, our goal is to foster economic info, education, and networking between industry buyers and sellers.

Rock and Root Eco Ltd.

PO Box 242 STN Main, Okotoks, AB T1S 1A5

Phone: (403) 992-0902

Email: scott@rockandrooteco.com

Website:

Scott McGregor, President

Description: Sustainable solution research and development. Developed hempcrete mortars composed of all Canadian feedstocks. Developing hempcrete block and panel fabrication equipment. Developing a load bearing biofiber construction block. Developing a line of natural cleaning products.

Silvacom

3912 - 91 Street NW, Edmonton, Alberta, T6E 5K7

Phone: (780) 462-3238

Email: john.peters@silvacom.com

Website: www.silvacom.com

Twitter: @Silvacom

Tom Grabowski, President & CEO

Description: Silvacom™ provides consulting and software solutions to improve land management. We help our clients solve real-world problems using design, innovation, and creativity. The Silvacom Group works in environmental management, forest management, GIS, ecosystem services, and software development and serves multiple sectors including forestry, energy, agriculture, government, and Indigenous groups. Silvacom is an industry thought-leader in developing geospatial inventories and information systems for bioresources. We specialize in the acquisition and analysis of scientifically-based, empirical biomass estimates derived from forested land, agricultural residues, and municipal solid waste.

SBI BioEnergy Inc.

1803 94 Street, NW, Edmonton, AB T6N 1E6

Phone: (780) 413-9832 (780) 278-9832

Email: ips@sbibioenergy.com

Website: www.sbibioenergy.com

Dr. Inder Pal Singh, President and CEO

Dr. Shradha Singh, Vice President

Description: SBI BioEnergy is an Alberta company that has developed innovative, environment-friendly Drop-In fuel manufacturing technologies. Drop-In fuels are highly valued, as they have no blend wall, meaning that any amount of these fuels can be added to conventional fuels such as diesel, gasoline, and jet fuel. SBI's fuels do not require modifications to engines, storage, or distribution infrastructure. SBI products fit well with the global interest in alternative fuels and are produced in a sustainable manner. It eliminates use of hydrogen or any consumable chemicals in the production of high quality Renewable Jet fuel, Renewable Diesel and water clear biodiesel meeting all international fuel standards.

Slave Lake Pulp

Box 1790, Slave Lake, Alberta

Phone: (780) 849-7777

Email:

Website: www.westfraser.com

Edward Seraphim, President and CEO

Description: BCTMP Market

Steeper Energy Canada Ltd

200-1210 11th Av SW

Phone: (587) 890-8009

Email: sergios@steeperenergy.com

Website: www.steeperenergy.com

Perry Toms, CEO

Description: Steeper is a clean-energy company commercializing its proprietary Hydrofaction™ technology to convert waste or low-value biomass into renewable bio-crude oil or Hydrofaction™ Oil. Refined into renewable diesel, jet fuels or heating oil as well as bio-chemicals or bio-lubricants, Hydrofaction™ Oil can be made compatible with the existing fossil fuel infrastructure. Based in Calgary (CA) and Copenhagen (DK), Steeper has successfully proved the advantages of Hydrofaction™ with over 1200+ oil producing hours completed at its Pilot Plant. Building on this success, Steeper is developing a large-scale Demonstration Plant (the “Demo”) in partnership with one of Europe’s largest renewable energy companies to prove the commercial readiness of Hydrofaction™.

The XY Hemp Corporation

12503 47ave NW, Edmonton, AB

Phone: (780) 964-3330 (780) 996-6571

Email: kayleigh@thexyhempcorporation.com

Website: www.thexyhempcorporation.com

Kayleigh Donahue, CEO

Chad Gendall, COO

Description: Organic hemp producers growing into industrial hemp fibre manufacturers.

Susteen Technologies Canada Ltd.

16 2439 54th Ave. S.W.

Phone: (403) 921-4568

Email: bruce.hillen@susteen-tech.com

Website: susteen.ca

Bruce Hillen, CEO

Description: Susteen Technologies Canada Ltd. (STC) is a clean technology development and marketing company based in Calgary. STC focuses on resource production from organic residues through efficient thermo-chemical conversion technology. STC is a spin-off company of the Fraunhofer UMSICHT institute, and holds exclusive licence for sales and service of Thermo Catalytic Reforming (TCR®) technology for North America. Several patents for TCR® have been filed. STC engages in the development of bio-mass conversion applications based on TCR, and designs and delivers TCR® reactor equipment. STC's priority is commercial demonstration to prove the feasibility of sustainable energy and beyond from waste biomass.

Brands: TCR® Thermo Catalytic Reformer

TTS Inc.

9527 49 Avenue, Edmonton, AB

Phone: (780) 465-1532

Email: tam.tekle@ttsfpl.com

Website: www.ttsfpl.com

Tam Tekle, President & CEO

Description: TTS has developed a portfolio of four composite products, including fiber mat which is successfully commercialized. TTS offers pilot fabrication and pre-commercialization to mitigate/minimize market and technology risks without the burden of large capital investment for commercial operations. TTS also assists customers/investors in building commercial operations. The Biocomposites Group in Drayton Valley, AB is a spin-off operation.

Valley Power LP

5302 - 34th Avenue, Drayton Valley

Phone: (403) 261-9754 (780) 542-7359

Email: gnoll@fortistar.com

Website: www.fortistar.com

Fortistar LLC, Algonquin Power Corp., Owners
Grant Noll, VPO

Description: 10 MW wood biomass power plant.

Vanderwell Contractors (1971) Ltd.

Box 415, Slave Lake, AB, T0G 2A0

Phone: (780) 849-3824

Email: ken@vanderwell.com

Website: www.vanderwell.com

Ken Vanderwell, General Manager
Gilles Lacoste, Operations Manager
Mike Hair, Woodlands Manager

Description: Sawmill manufacturing facility

Viresco Solutions Inc.

610, 600 6 Ave SW, Calgary, AB, T2P 0S5

Phone: (403) 457-1019

Email: info@virescosolutions.com

Website: www.virescosolutions.com

Twitter: @VirescoSolution

Karen Haugen-Kozyra, President

Description: Consulting company specializing in GHG quantification, policy research, stakeholder engagement, and supply chain analysis, serving clients in the agriculture, agri-food processing and bioenergy sectors.

Western Archrib

4315 92 Avenue, Edmonton, AB.

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Kent Fargey, President

Description: Western Archrib is a manufacturer of Glued Laminated Timber (Glulam beams, columns and Westdek panels) wood products and a supplier of complete wood systems for buildings. A strong technical support system including engineering, drafting and project management to provide a complete package of material and information to support the design and installation for our customers.

Brands: Glulam, Westlam, Westdek

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The following lists index companies by categories and sub-categories of feedstocks, processes, and products, as self-selected by company representatives. Some effort has been made to ensure accuracy of categorizations, although the authors do not guarantee the accuracy of these categorizations.

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