



**EARLY STAGE
COMMERCIALIZATION**

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THREE TOPICS:

- **COMMERCIALIZED PRODUCTS**
- **PRODUCTS BEING DEVELOPED**
- **IMPACT ON HEMP FIBRE VALUE CHAIN**

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NON-WOVEN LINE

- **NEEDLE PUNCH CAPABILITY**
- **DRAYTON VALLEY, ALBERTA**
- **2 TONNES PER HOUR CAPACITY**
- **UNIQUE ABILITY TO MIX FIBRES**





COMMERCIALIZED PRODUCTS (1)

- **EROSION CONTROL BLANKETS:**
 - **100% BIODEGRADABLE**
 - **NON-ANIMAL TRAPPING**
 - **SOIL CONTACT**
 - **HIGH WATER ABSORBENCY**
 - **SEED-EMBEDDING CAPABILITY**





COMMERCIALIZED PRODUCTS (2)

- **WEED SUPPRESSANT BLANKETS:**
 - **100% BIODEGRADABLE**
 - **RELEASES NUTRIENTS**
 - **ZERO LIGHT PENETRATION**
 - **PRESERVES SOIL MOISTURE**





COMMERCIALIZED PRODUCTS (3)

- **GROW MATS:**
 - **MICROGREEN, SPROUTS, ETC**
 - **100% BIODEGRADABLE**
 - **HIGH WATER RETENTION**
 - **SOLD ON AMAZON.COM AND WESTERN CANADA RETAILERS**



PRE-COMMERCIAL MAT PRODUCTS

- **AUTOMOTIVE INTERIORS**
- **FIBREGLASS REPLACEMENT**
- **OIL ABSORBENT MATS**
- **AIR FILTRATION**
- **INSULATION**
- **FEMININE HYGIENE PRODUCTS**





PRE-COMMERCIAL SECONDARY PROCESSING

- **THERMOPLASTIC PRODUCTS**
 - **BIODEGRADABLE**
- **THERMOSET RESIN**
 - **BIO-RESIN**
- **ACOUSTICAL PANELS**





BCG'S IMPACT ON HEMP VALUE CHAIN

- **NOW A LOCAL COMMERCIAL MARKET FOR HEMP FIBRE:**
 - **GREATER THAN CURRENT DECORTICATION CAPACITY**
- **SECONDARY PROCESSING IS DEVELOPING**





NEXT STEPS TO DEVELOP HEMP INDUSTRY

- **INCREASE DECORTICATION CAPACITY**
 - **BCG WILL REQUIRE 800 TONNES/YEAR WITHIN TWO YEARS**
 - **2+ TONNES/HOUR INPUT**
 - **1500 HA PRODUCTION**
- **HURD MARKET**
 - **3200 TONNES/YEAR WITHIN TWO YEARS**





HEMP INDUSTRY NEEDS

- **REDUCE/REMOVE BARRIERS TO COMMERCIAL FINANCING BY:**
 - **MARKET AND CUSTOMER DEVELOPMENT**
 - **GOVERNMENT SUPPORT AND CO-OPERATION FROM ALL LEVELS**
 - **INVESTOR EDUCATION**
 - **EDUCATION AND TRAINING FOR ALL LEVELS OF SUPPLY CHAIN**
 - **BUSINESS INCUBATION/ESTABLISHMENT SUPPORT**
 - **REDUCE THE LENGTH AND DEPTH OF “VALLEY OF DEATH”**





SPECIAL THANKS TO:

**ALBERTA INNOVATES
ALBERTA AGRICULTURE AND FORESTRY
BDC
BUILD IN CANADA INNOVATIVE FUND (BCIP)
INNOTECH ALBERTA**

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