

# MIRRECO™

**LOWER CARBON FUTURES**



**HEMP R&D**



**POLYMER TECHNOLOGY**



**CARBON ARCHITECTURE**



**PRODUCTS & DISTRIBUTION**



**CLIMATE LEADERSHIP**

## WHO ARE MIRRECO?

An exciting, reputable company in the emerging hemp industry; using the versatile hemp plant as the catalyst to capture immense volumes of carbon.

- Materials, polymers and products act as effective above-ground carbon storage solutions.
- Exploring applications-versatility and the many features of the hemp plant.
- Producing transformative products from sustainable sources (significant cost, time and production efficiencies).
- Enabling hemp growers to connect supply & demand with diverse downstream product offerings; facilitated by MIRRECO's superior mobile hemp processing technologies.
- Collaborating with multiple stakeholders and leading agencies to improve agricultural / industrial productivity, carbon-control and biodiversity initiatives.
- As market makers; creating opportunities for new industries, supply chains and employment pathways.

# MIRRECO™

### INTERNATIONAL INTEREST

Many countries have established vast hemp crops to take advantage of the multiple economic, environmental, and social opportunities the versatile plant presents.

### CONSUMER DEMAND

Interest and uptake is growing for hemp and ethically produced natural products.

### FAST GROWTH CYCLE

Timber takes 20+ years to mature, whilst hemp takes around 3 months, with up to 3 crops per year. It can be used almost immediately to create products utilising MIRRECO's CAST (Carbon Asset Storage Technology).

### KEY BENEFITS OF GROWING HEMP

#### Superior agricultural yield:

1 HA can produce in excess of 10T of hemp

#### Carbon Capture:

Hemp can sequester significant volumes of CO2

#### Ecosystem Remediation.

#### Lower costs:

Requires minimal pesticides, fungicides and fertilisers

#### Other Qualities:

Superior thermal and acoustic properties.  
Resistant to insects and rodents.  
Non-combustible.

## ECONOMY | ECOLOGY | EQUITY



### WHY HEMP?

### >> GREEN GAINS

USING MIRRECO'S CAST TECHNOLOGY, INDUSTRIES CAN MAKE THE RIGHT TRIPLE BOTTOM LINE CHOICES. REDUCE ENVIRONMENTAL, SOCIAL AND FISCAL RISKS STAY COMPETITIVE AND GROW IN A LOW-EMISSIONS FUTURE.

CONNECT:

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