

# REDISCOVER INDUSTRIAL HEMP AND KENAF

Growing in northern Australia for new products and global markets.

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**Sustainable, green, plant-based biomass materials are gradually replacing the petrochemical and timber equivalents. Farmers and consumers want these new industries, but are they a realistic proposition for development in northern Australia?**

Biomass crops have huge potential – commercial yields of iHemp and kenaf average over 15 tonnes of dry matter per hectare. Harvesting, processing and transport logistics have been proven and are cost-effective.



Hunter Valley Hemp crop 7 m tall -15 t/ha (Ecofibre)



Sugarcane harvester working in Kenaf (QLD)



Dual purpose hemp Australian header (grain & biomass)

Harvested stems are decorticated with increasingly more efficient methods and machinery to produce fibres and hurd. The uses of these natural materials are expanding in line with consumer demands for sustainable, industrial materials in areas such as building, textiles, plastics, and wood.



Pure kenaf crop 7 m & 15 t/ha



Kenaf decorticated into fibre & hurd (QLD)



QLD kenaf fibre to Japan

There is an opportunity to invest in fibre processing technologies and to co-locate material manufacturing industries. Hemp and kenaf fibres are of high quality and strong, but also light and fluffy, this makes it expensive to transport. These developments could use existing infrastructure, such as cotton gins during the off-season or sugar cane mills.



Hempcrete blocks homes (in Australia)



Beautiful fireproof and insulated hempcrete



Kenaf as mulch in QLD

**Learn more? Contact us!**

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