

## Go Resources

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### **GO RESOURCES IS ALL ABOUT THE SUSTAINABLE PRODUCTION AND SUPPLY OF RENEWABLE AND BIODEGRADABLE OIL:**

- **TO REPLACE FOSSIL FUELS FOR USE IN INDUSTRIAL AND OEOCHEMICAL MARKETS**
- **TO REPLACE PALM OIL**
- **A NEW 'CASH' CROP FOR THE AGRICULTURAL INDUSTRY**

To Fill the High Demand for **New and Alternate Raw Materials** being Driven by an Ever Increasing Pull by the Consumer, Producer and Government to Change to **Sustainable, Renewable and Biodegradable** Products

#### **KEY TARGETS**

- TO PRODUCE THE “BEST IN CLASS” INDUSTRIAL PLANT-DERIVED OIL.
- To establish a fully vertically integrated secure supply chain to bring this unique raw material, containing super high levels of oleic acid (>93%), to market.
- For GO Resources’ ‘Super High Oleic’ Safflower Oil (SHOSO) to be recognised in the oleochemical world as a major advancement, both commercially and environmentally, and as the raw material of choice to meet the surging demand for bio-derived products.
- To integrate SHOSO into products, with a focus on the biolubricant, biochemical, bioplastics and other biomaterial industries.
- To develop 2<sup>nd</sup> & 3<sup>rd</sup> generation product pipelines.

GO Resources is an Australian business with the keys to the technology for manufacture of the world’s highest grade industrial-use plant-derived oil. It is CSIRO developed technology through the CSIRO/GRDC Crop Biofactories initiative. Plant-derived oils with high levels of oleic acid are in high demand as a precursor element in the production of lubricants, bioplastics, biochemicals, cosmetics and pharmaceuticals. SHOSO is a substitute for petroleum-based oils in the manufacture of industrial products as well as a replacement for lower level oleic oils sourced from palm, sunflower, canola, soybean and tallow. The major strategic advantages of SHOSO are the purity of its oleic content (>92%) and its fatty acid profile, leading to high oxidative and thermal stability resulting in a large versatility of industrial applications. No existing commercial plant-derived alternative comes close to this level of purity of oleic acid in the seed oil.

The market size of lubricants alone is expected to reach US\$167 billion by 2021.