

## Submission:

# Agricultural competitiveness program

## Title:

Renewable Energy Production From Sugar Cane.

## Object:

to provide energy /fuels for all agricultural activities of growing and processing the sugar cane crop.

This is a Plan to divert part of the harvest for production of ethanol which is subsequently modified to provide fuels separately suitable for use in all forms of internal combustion engines equivalent to diesel and petrol derivatives as well as turbine engines to provide alternative fuels that are both superior in financial and environmental costs.

It is possible for this industry to provide most of its energy inputs through the entire process by appropriate use of the ethanol.

The cost advantages continue as the industry is able to avoid the carbon costs incurred when using fossil fuels. (<http://sugarcane.org/blog/telling-sugarcane2019s-full-sustainability-story>)

Farmers/millers will be able to generate their own electricity, a process already proven

overseas. (<http://sugarcane.org/sugarcane-benefits/greenhouse-gas-reductions/carbon-credits>)

There is an opportunity for millers/growers to become serious electricity generators capable of supplying the grid 24 hours a day and so add to their product line.

Community and canegrowers/millers can be assured an ongoing economical energy supply at predictable costs which will bring market advantages and energy security regardless of world events. It is proposed that the Bundaberg district be the initial test prototype. It is further suggested a partnership be developed with any interested party eg; Bundaberg Sugar Corp a significant grower and miller or alternatively the Isis Canegrowers a cooperative milling and growing business to jointly develop the idea provided appropriate safeguards were adopted to ensure the scheme works for everybody involved.

The opportunity to offer affordable energy will be a significant incentive for other industries to set up in this community so the entire community can benefit from a strong local economy which justifies going down this path.

(<http://sugarcane.org/sugarcane-benefits/greenhouse-gas-reductions/carbon-credits>)

Technologies to produce the different variants of ethanol fuel is well proven and established world wide.

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