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Sugarcane for Energy Production in the Future

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The Multi Annual Adaptation Strategy Action Plan 2006-2015 - safeguarding the Future Underlying Philosophy

- Consensus and cohesion as cardinal principles
- A comprehensive approach
- Bold and deep reform
- Transformation of sugar industry into a sugar cane cluster
- An economically viable and socially acceptable package







Components of Plan which will establish a sugarcane cluster

Cost Reduction

- Closure of 7 out of 11 factories, there will be 3 factories producing more than 100 000 t of sugar with two of them producing more than 150 000 t
- Voluntary retirement for 1200 employees of factories
- Voluntary retirement for 6000 employees of growing sector
- Facilitation of recourse to seasonal labour
- Substantial reduction of overheads
- Benefiting from economies of scale
- Reduction of indebtedness



Subcluster	Projected sugar Production (t)	Cane crushing capacity TCH	Installed capacity MW	Ethanol ML	Special White
Savannah	185 000	425	83 + 25	15	All of the production
FUEL	170 000	450	62 + 42	15	All of the production
Médine	55 000	200	Possible 25	-	All of the production
Belle Vue	110 000	350	73	-	All of the production



Conclusion

The reform in the Sugar Cane Sector will not only enable the Mauritian Sugar cane cluster to sail safely in the future but more importantly safeguard a crop which from 2015 onwards will be an invaluable asset in terms of the production of renewable environment friendly energy, and which has the potential of being an efficient multiproduct biofactory for the production of high value added molecules including proteins, textiles, pharmaceuticals, vaccines and polymers. It is to be noted that of all cultivated crops sugar cane is one of the most efficient converter of solar energy into renewable biomass.