

Red Mud

Commercial Aspect to Red Mud

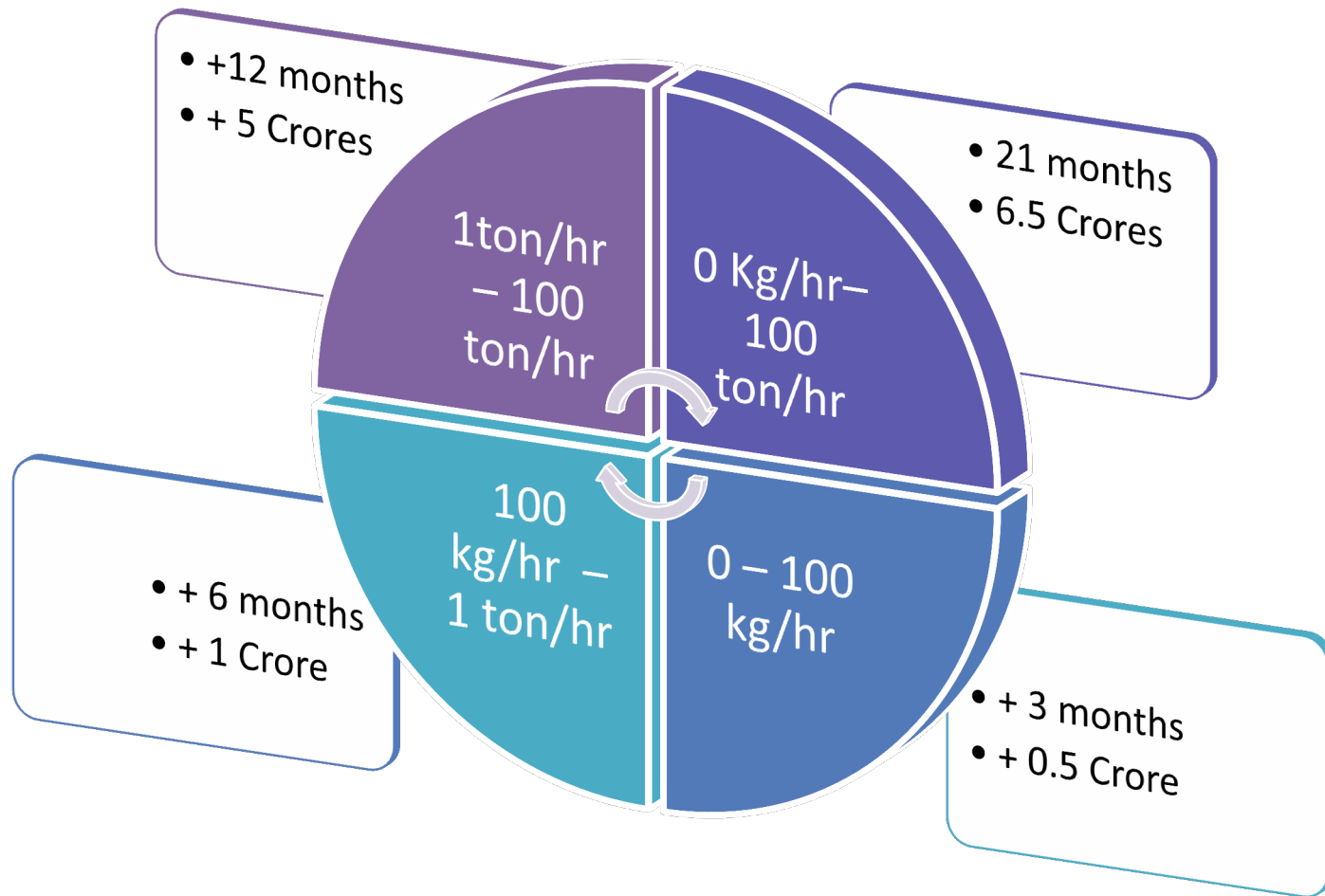
Commercial Viability

Fe₂O₃ Separation

Quantity	Time	Cost
100 kg/per hour	6 Months	1 Crore
100kg to 1 ton per hour	+ 3 Months	+ 50 Lakh
100 Tonnes per hour	1 year	5 Crores
	2 year	6.5 Crores

★ university is undertaking full responsibility of the above along with grade enhancement.

Calculations



Economics

- Iron ore per ton is Rs. 2000; our estimated Cost of production on a pilot scale is almost Rs. 1000 per ton.
- Gross margin is Rs. 1000 per ton.
- Production is 25 ton per hour for 18 hours = 450 ton per day into Rs 9,00,000.
- Projected earning per day is 4.5 lakh. Into 300 days; this is 13.5 crores.
- Plant life cycle is 8 years