















RE IN PROGRAM 863

•mainly meant to narrow the gap in technology between the developed world and China, which still lags behind in technological innovation, although progress is being made.

- focuses on biotechnology, space, information, laser, automation, energy, and new materials.
- The use of rare earth elements can be found in each one of the areas in which Program 863 focuses.







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Magnets will be the growth driver for Rare Earths demand to 2014. Polishing powder demand has dropped due to activities to improve productivity

DEMAND FORECAST BY APPLICATION

2010 Demand by Application			
Application	Demand (%)	Demand (t)	
Magnets	25%	31,500	
 Battery Alloy 	15%	18,600	
Metallurgy ex batt	9%	11,700	
 Auto catalysts 	7%	9,000	
• FCC	17%	21,300	
Polishing Powder	11%	14,000	
Glass Additives	6%	7,800	
Phosphors	6%	7.900	
Others	4%	5,700	
Total	100%	127,500	

2014 Demand Forecast by Application			
Application	Growth (%)	Demand (t)	
Magnets	12%	49,600	
 Battery Alloy 	15%	32,500	
Metallurgy ex batt	2%	12,700	
 Auto catalysts 	8%	12,200	
• FCC	4%	24,900	
Polishing Powder	10%	20,600	
 Glass Additives 	0%	7,800	
 Phosphors 	8%	10.800	
Others	8%	6,100	
Total	8%	177,200	

























RECOMMENDED STRATEGIES

Strengthen the legal and regulatory framework to enable the effective functioning of the rare earths business

Undertake coordinated, comprehensive and continual public awareness program & community engagement

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