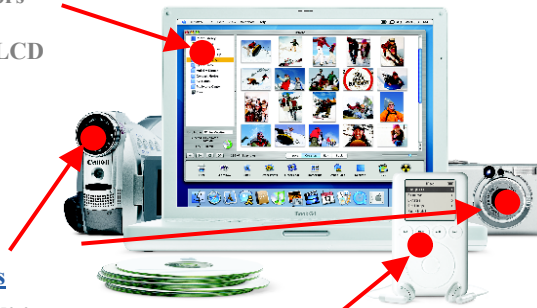


applications in the electronics' industry

Screen

- Eu, Tb phosphors
– CRT & PDP
– Backlight for LCD
- Ce glass polish



Hard Disk Drive/CD/DVD

- Nd magnet in spindle
- Nd magnet in voice coil motor



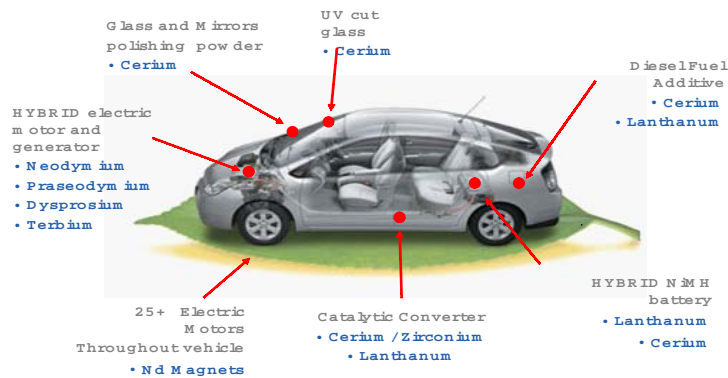
Optical Lenses

- La glass additive
- Ce glass polish

Speakers

- Nd magnets in headphones of Ipod and MP3 Players

applications in the automotive industry



important developments in our society

Greenhouse Gas Reduction



Reduction in car exhaust

- Catalytic converter
- Hybrid vehicles

Digital Technology



Enabling miniaturisation

- Rare Earth magnets
- Flat panel displays

Energy Conservation



Energy efficient products

- Compact fluorescent lights
- NiMH batteries

Title: Industrial Applications of Lanthanide Elements

Date: January 2008

Approved: Final

Drawing No.: Exhibit 1.4

Report: Preliminary EIA & QRA of the Proposed Advanced Materials Plant Gebeng Industrial Estate, Kuantan, Pahang

Consultant: ENVIRON

Project Proponent: Lynas MALAYSIA SDN. BHD.