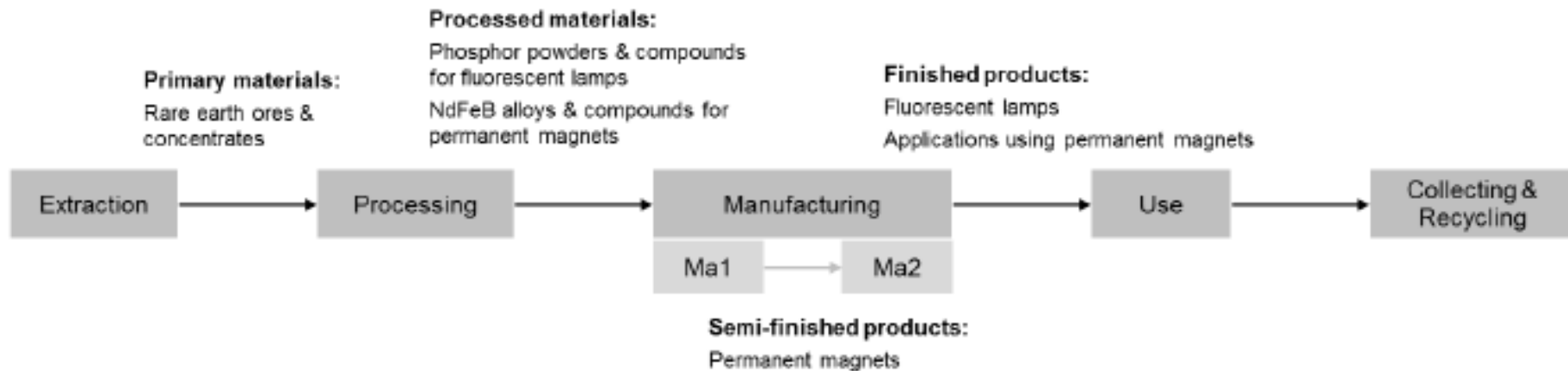


## Rare Earth Elements – Terbium

After extraction, rare earths ores and concentrates are separated and processed into single rare earth oxides and compounds, including Tb oxides and compounds (such as alloys and phosphor powders). These processed materials are converted into semi-finished products such as permanent magnets (from NdFeB alloy), or directly into fluorescent lamps (from phosphor powders). In addition to fluorescent lamps, various applications using permanent magnets are manufactured, such as electric and non-electric vehicles, electronic equipment (HDDs, PCs, phones, printers, small domestic devices, etc.), wind turbines... The figure below presents the value chain of terbium with the main uses.



โซ่คุณค่าของ Rare Earth Elements – Terbium