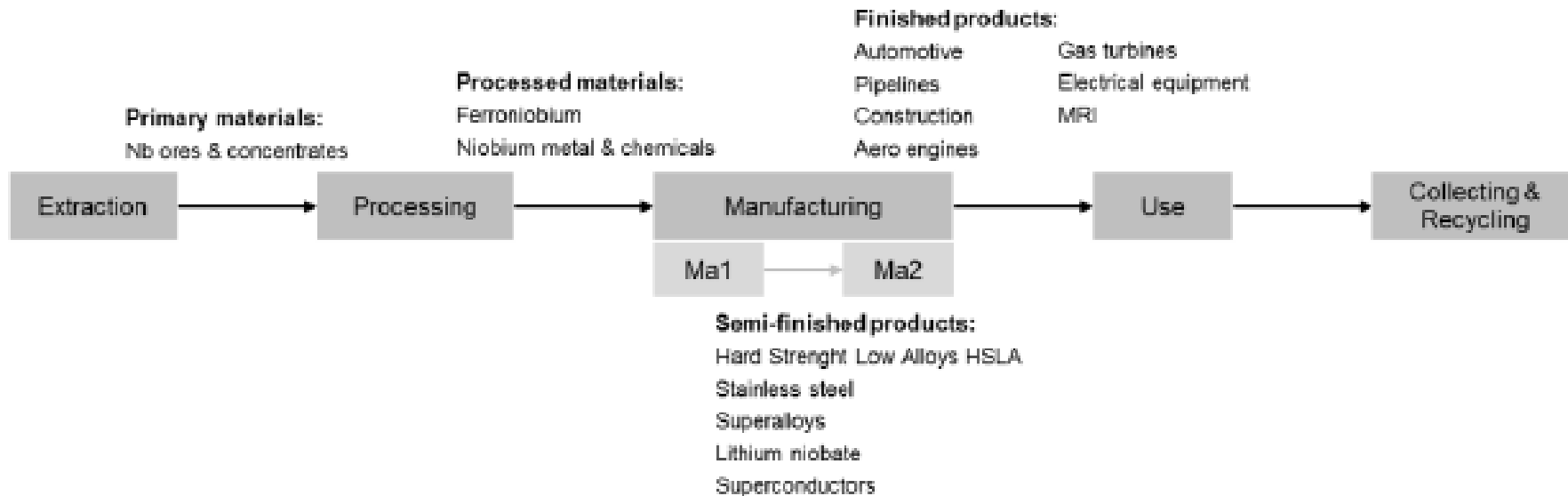


# Niobium

After extraction, niobium ore is processed into ferroniobium and niobium metal and some chemical compounds. Ferroniobium is used to make high strength low alloy steels and stainless steels and niobium metal & chemicals are used to make superalloys, superconductors and lithium niobate. These semi-finished products are used in various applications such as vehicles, pipelines & construction (from HSLA and stainless steel), aircraft engines (from superalloys), MRI, electronic equipment, etc. The figure below presents the value chain of niobium with the main uses.



โซ่คุณค่าของ Niobium