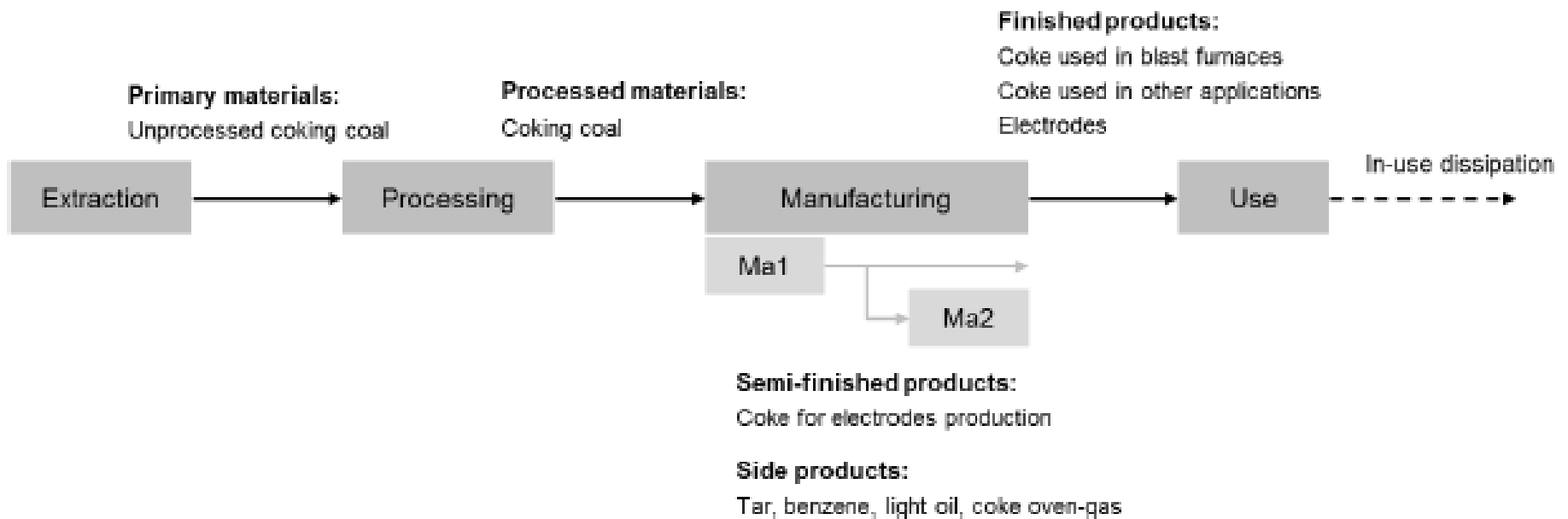


## Coking Coal

Coking coal is a low-ash, low-sulphur bituminous coal. After mining it is usually processed on-site. Processing includes crushing, screening, cleaning, and dewatering. Coking coal is then sent to coke oven plants where the coal is heated with the exclusion from air. This process removes the condensable hydrocarbons (pitch, tar, and oil), and coke-oven gas leaving behind a solid residue named coke. The side product are sent to further processing steps which are not covered in this study. Coke can either be used directly in blast furnaces for steel making or in other applications (foundries, base metals and ferroalloy production, and in the production of non-metallic minerals). Coke can be further processed to produce carbon electrodes as well. The figure below presents the value chain of coking coal with the main uses.



โซ่คุณค่าของ Coking Coal