

A method for the treatment of ferrous scrap (1) comprising magnetic and non-magnetic materials, said method comprising at least a friction step (110) wherein the ferrous scrap is subjected to a mechanical friction to obtain cleaned scrap (11) and a magnetic sorting step (120) wherein the cleaned scrap (11) is separated into a non-magnetic coarse fraction (12A) and a magnetic coarse fraction (12B). Associated steelmaking method and plant.