

Brescia lighthouse for material recovery

Industrial Symbiosis: business enablers and technology drivers



CORALIS

Industrial Symbiosis
in Energy Intensive Industries



This project has received funding from
the European Union's Horizon 2020
research and innovation programme
under grant agreement No 958337.

Actors of Brescia Lighthouse




Secondary
aluminium



RAFFMETAL



Industrial
companies



Pig Iron

**FONDERIA
DI TORBOLE**
EF GROUP




Steel

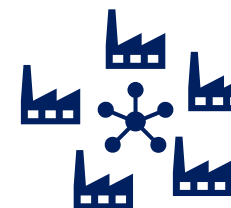


Steel



Lighthouse
coordinator

RISA



Local facilitator



CONFINDUSTRIA
Brescia

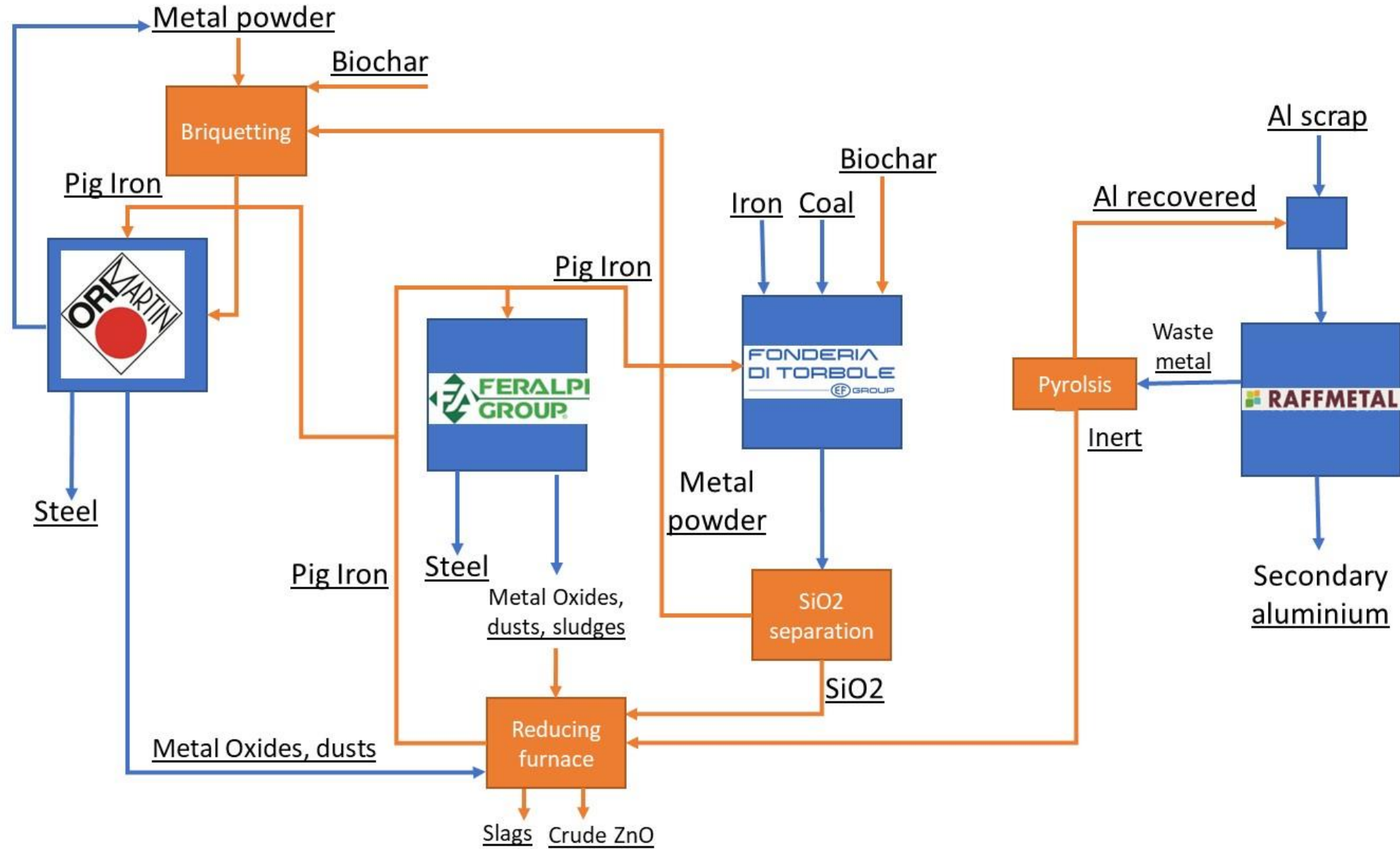


University
of Brescia



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

The symbiosis scheme



From undesired wastes or byproducts to alternative resources

The core business of Brescia industrial symbiosis is material recovery from wastes or byproducts with both economical and environmental benefits:

▷ Reduction of total amount of wastes to be disposed in landfill



▷ Decrease of raw materials requirement as input of industrial process



▷ Enhancement of undesired wastes or byproducts to alternative resources



▷ Development and implementation of key technologies for the recovery of metal wastes



▷ Analysis of the potential for further waste reduction and utilization of waste heat



▷ Characterization of the interaction among companies and their involved processes



▷ Reduction of carbon dioxide emissions and promotion of circular economy

