Background info.

Because ArcelorMittal uses so many pallets without a way to dispose of them or send them back to their suppliers, the best course of action would be to break down the pallets, separate the nails from the wood chips, and ship out the crushed wood pieces to be repurposed.

Objective: Reduce ArcelorMittal’s waste stream by designing an opportunity to recycle pallets from incoming material delivery

Cost and Feasibility Analysis

- One time initial cost, small amount of upkeep.

Life Cycle Assessment – the disposal of the pallets allows for more space to operate in the facility and a cheap method of removing the pallets from the factories.