ArcelorMittal: Recycling Materials
TEAM M.A.R.K.
Melecio Carranza, Ali Wickham, Rachel Simansky, Kyle McKnight
Mission Statement:

- We plan to reuse **both the refractory brick and the pallets.**
- We will do so by shipping our brick, using pallets, to accepting companies.
  - The first company is Used Refractory
  - The second is Orbital Radiant Heating
Used Refractory buys used brick
Then, they resell the brick online

Several companies purchase bricks from Used Refractory. Average Costs:
- Lightweight Refractory Brick: $500/ton
- Refractory for Blast Furnaces: $3000/ton
- Silica Brick: $850/ton
Uses brick to create indoor and outdoor products

How it works:

ArcelorMittal can become a distributor to make good use of their used bricks
Design:

- UPS will pick up your shipment
  - International
  - Preparations Required

- REUSE PALLETS!!
  - Pallets
  - Bands (optional)
  - Stretch Wrap (optional)
    - **Efficient** Automated Wrapping Machine
ArcelorMittal’s reduced waste footprint:

- Lower the waste of refractory brick
  - Reusing abundant product rather than dumping onto Earth’s surface

- The world is a safer place
  - Less injuries