The steelmaking process

1. Input raw materials:
The range of input values differ according to route.

2. Raw materials preparation:

3. Ironmaking:

4. Steelmaking:
Two main routes

5. Semi-finished products:

6. Hot-rolled products:

7. Finishing operations:

8. Co-products and their uses:

9. Steel applications:

This diagram depicts the most common steelmaking processes in the 2020s. It does not feature the new input materials and processes being developed that will dramatically change how we make steel in the next 30 years as we transition to a low-carbon economy.