STEEL IN THE CIRCULAR ECONOMY A LIFE CYCLE PERSPECTIVE

WITH TODAY’S FINITE RESOURCES the world must move towards a circular economy in order to bring about a more sustainable world.

THE STEEL INDUSTRY IS AN INTEGRAL PART OF THE GLOBAL CIRCULAR ECONOMY DUE TO ITS ABILITY TO:

- **Reduce** to improve fuel efficiency. The increased strength of modern steel makes Sarah’s new car lighter, safer, and more fuel efficient.
- **Reuse** to extend its life cycle. The beams in Hiro’s new house were reused from an old factory.
- **Remanufacture** to restore used products to like-new condition. Omar’s wind turbines in Belgium were built by restoring disassembled wind turbines in Denmark.
- **Recycle** to conserve valuable resources. Steel is magnetic so it’s easier for Maria to recycle and it can be recycled again and again without any loss of quality.

THE REDUCTION, REUSE AND RECYCLING OF MATERIALS IS INTEGRAL TO THE GLOBAL CIRCULAR ECONOMY AND A FUNDAMENTAL ADVANTAGE OF USING STEEL.

FOR MORE INFORMATION ON STEEL’S RECYCLABILITY, VISIT WORLDSTEEL.ORG