



**REUSABLE  
STEELS**

# STEEL REUSE: CIRCULAR ECONOMY IN ACTION

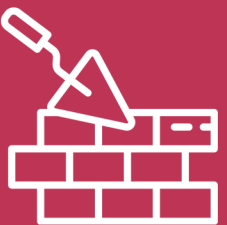


**Tom Howarth**

Senior Engineer, EMR Reusable Steels

# ASBP

**PRODUCT  
CATEGORY**



# THE CIRCULAR STEEL LIFECYCLE



Supply and  
Construction



Design

emr

REUSABLE  
STEELS

De-fabrication  
Re-fabrication



Stockholding



Testing and  
Certification



Careful  
Deconstruction



Survey  
Steel Recovery  
Plan



Existing Structure

STEEL REUSE

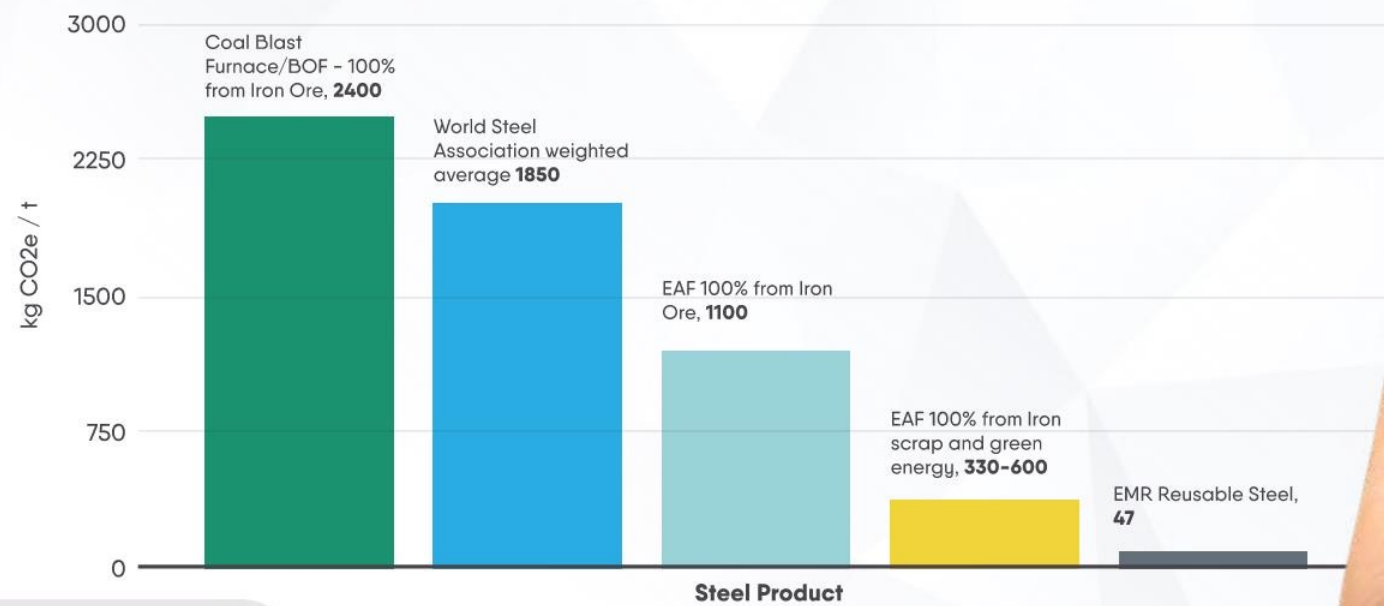


# STEEL REUSE: CIRCULAR ECONOMY IN ACTION

Biodiversity impacts of raw material production are avoided through **re-use**



EMR  
Reusable  
Steel EPD



ASK YOURSELF...

**HAS STEEL  
REUSE BEEN  
DISCUSSED  
ON YOUR  
PROJECTS?**



STEEL REUSE



# SUMMARY

Over **1 million tonnes of steel** is recycled from UK demolition each year.

If we reused only 10% of this we could save **184,530,000kgCO<sub>2</sub>e** of future emissions.

We can make decisions today that will drive the circular economy!

Retain



Reuse



Recycle

