JRC Dataset

Steel hot rolled section; blast furnace and electric arc furnace route; production mix, at plant (Location: GLO)

Description:
Good data quality. Data collected on site by steel industry experts in accordance with the IISI methodology and ISO 14040 standards, and consistency-checked by worldsteel LCA-experts. DEAM database used for upstream electricity data. DEAM data modified by worldsteel for Iron Ore by direct contact with 4 Iron Ore Mining Companies. Global coke production was based on worldsteel site specific data, for 28 coke making plants. An update of the data is being carried out in 2007/2008. Technical Purpose: A steel section rolled in a hot rolling mill. Steel section includes I-beams, H-beams, wide-flange beams, and sheet piling. It can be found on the market for direct use. This product is used in construction, multi-story buildings, industrial buildings, bridge trusses, vertical highway supports, and riverbank reinforcement. Geographical Representation: GLO

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How to cite:
Fazio, Simone; Pennington, David(2000): Steel hot rolled section; blast furnace and electric arc furnace route; production mix, at plant (Location: GLO). European Commission, Joint Research Centre (JRC) [Dataset] PID: http://data.europa.eu/89h/jrc-eplca-f9d4581e-14de-417e-8f9f-6c74e6f14051

Keywords:
Materials production, Metals and semimetals

Related resources:
Data access
- Full ELCD Database
  Landing Page to download the full ELCD Database.

Additional information:
Issue date: 2000-01-01
Geographic area: America, Europe, Antarctica, Oceania, Africa, Asia
Update frequency: None
Language: English
Data theme(s): Environment; Science and technology
EuroVoc domain(s): 36 SCIENCE; 52 ENVIRONMENT
Identifier: http://data.europa.eu/89h/jrc-eplca-f9d4581e-14de-417e-8f9f-6c74e6f14051