LIFE CYCLE ASSESSMENT DATA
COPPER SHEET

Material: Copper
Product: Roofing sheet
Unit: square metre
Context: Cradle-to-gate

Product Description
- 0.6 mm thickness

Modelling Parameters
- Mining: Global
- Refining/smelting: European
- Fabricating: European
- Recycling: European
- Gold (by value)
- Molybdenum (by value)
- Nickel sulphate (by value)
- Silver (by value)
- Sulphuric acid (by value)
- Steam (not allocated)

Results
- Energy Consumption: 0.14 GJ/m²
- Global Warming Potential: 10.60 kg CO₂ equiv/m²
- Acidification Potential: 0.068 kg SO₂ equiv/m²
- Eutrophication Potential: 0.0040 kg PO₄ equiv/m²
- Ozone Depletion Potential: 5.26 E-07 kg R11 equiv/m²
- Photochemical Ozone Creation Potential: 0.0040 kg Ethene equiv/m²

Without use phase
With use phase