

STRATEGIC MATERIALS FOR A LOW-CARBON FUTURE

2-3 November 2017
Oxford, UK

The energy-metals nexus

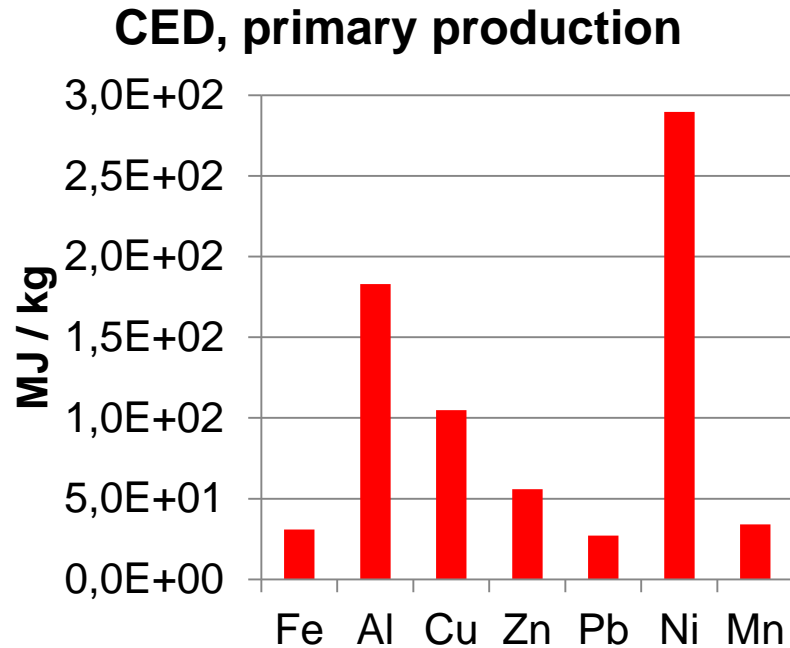
Ester van der Voet

Leiden University

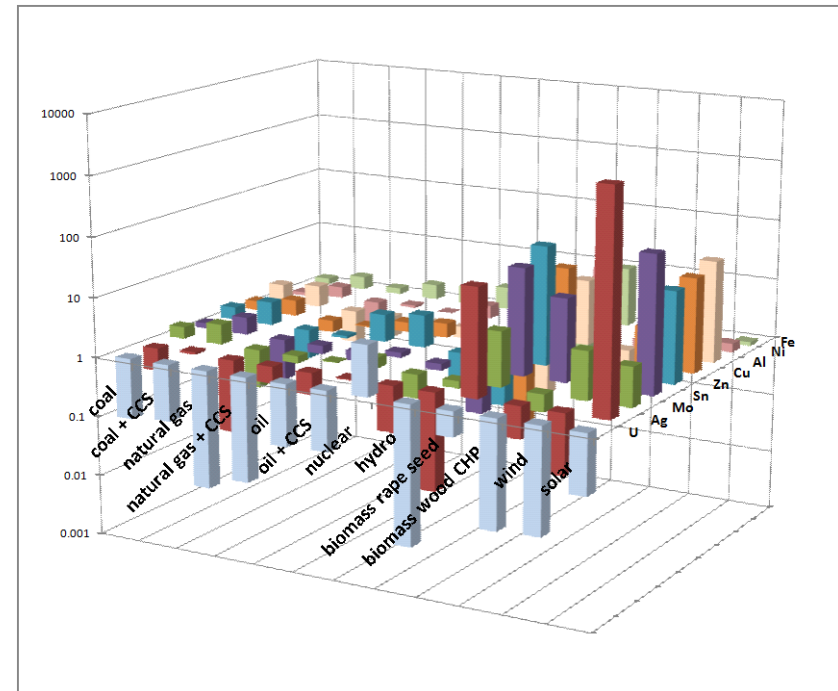
International Resource Panel

The energy-metals nexus

Van der Voet et al., 2017

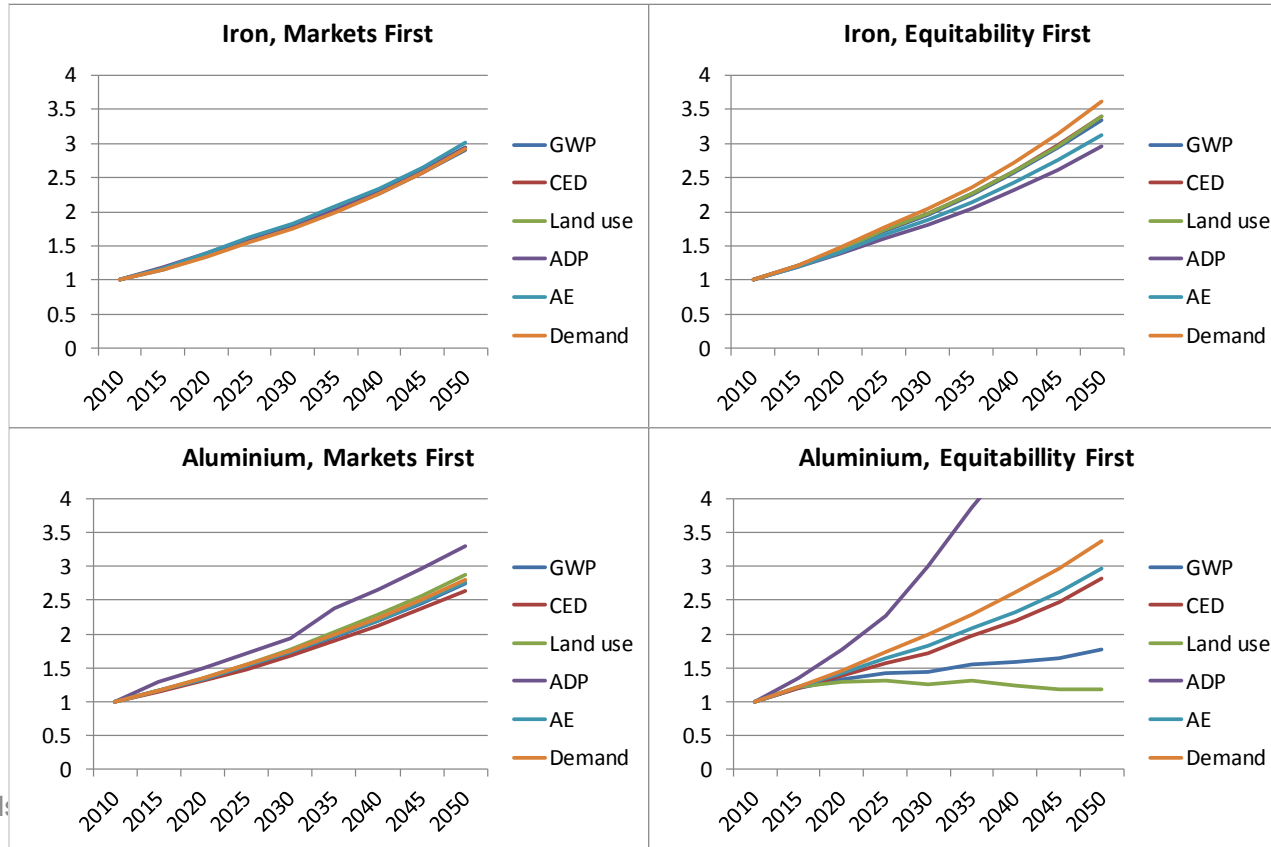


Kleijn et al., 2012



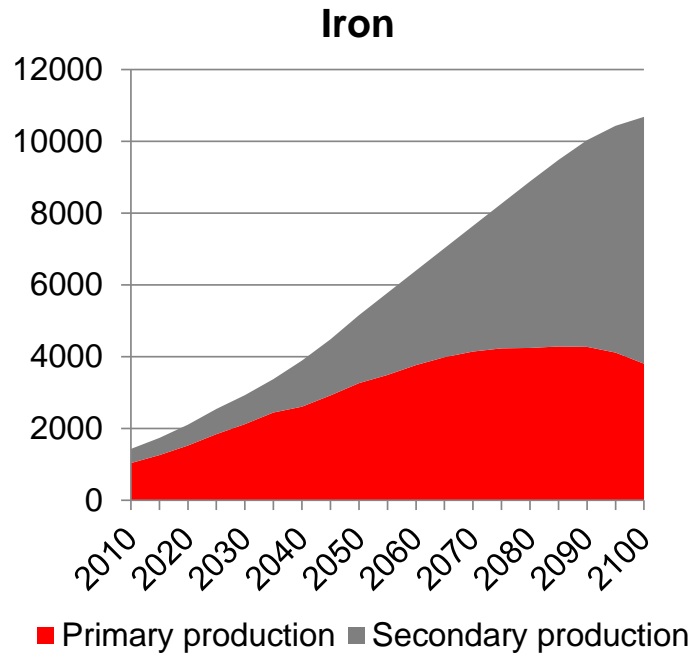
Future developments

- Source: van der Voet et al., 2017

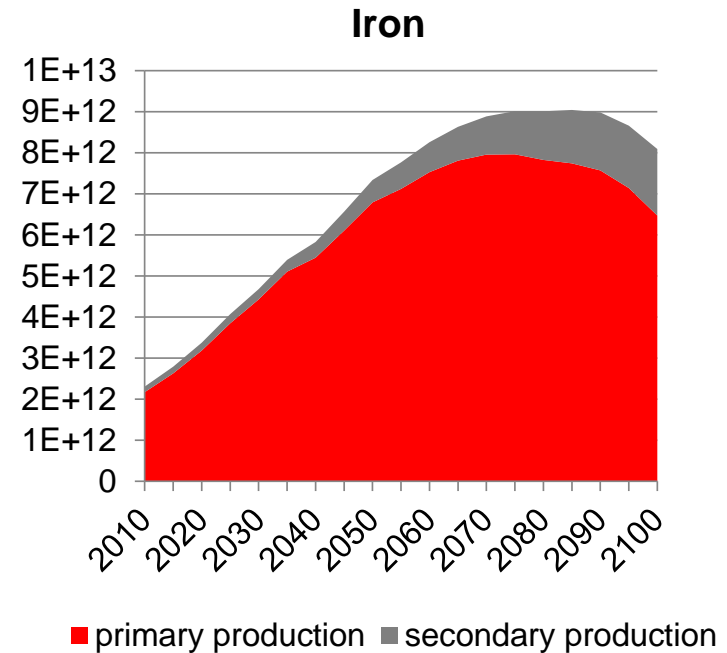


Circular economy

Global level production, 10^9 kg/year
Van der Voet et al., 2017



GHG emissions, kg CO₂-eq/year
Van der Voet et al., 2017



Circular Economy

- Source: Ellen McArthur Foundation

