**Required content of Working Paper CLIO-INFRA**

***Please include the following elements into any working paper entered into the CLIO-INFRA system:***

1. Title

Aluminum primary production by decade and country

2. Author(s)

Kees Klein Goldewijk & Jonathan Fink-Jensen, Utrecht University

3. Production date

2014-11-1.

4. Version

1

5. Variable group(s)

Environmental sustainability

6. Variable(s)

Aluminum primary production, in thousand metric tons

7. Unit of analysis

Country

8. Keywords (5)

Aluminum, primary production, Al

9. Abstract (200 words)

*Aluminum is the second most abundant metallic element in the Earth's crust after silicon, yet it is a comparatively new industrial metal that has been produced in commercial quantities for just over 100 years. It weighs about one-third as much as steel or copper; is malleable, ductile, and easily machined and cast; and has excellent corrosion resistance and durability. Measured either in quantity or value, aluminum's use exceeds that of any other metal except iron, and it is important in virtually all segments of the world economy. Some of the many uses for aluminum are in transportation (automobiles, airplanes, trucks, railcars, marine vessels, etc.), packaging (cans, foil, etc.), construction (windows, doors, siding, etc), consumer durables (appliances, cooking utensils, etc.), electrical transmission lines, machinery, and many other applications. (..)*

Source: <http://minerals.usgs.gov/minerals/pubs/commodity/aluminum/>

10. Time period

1850-2012

11. Geographical coverage

Worldwide

12. Methodologies used for data collection and processing

Data inventory

13. Data quality

Good

14. Date of collection

-

15. Data collectors

British Geological Survey (BGS)

[U.S.](http://www.doi.gov/) Bureau of Mines, [U.S. Geological Survey](http://www.usgs.gov/) (USGS)

16. Sources

British Geological Survey, *World Mineral Statistics*, website: <https://www.bgs.ac.uk/mineralsuk/statistics/worldArchive.html> (Last visited on: 13-11-2014).

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Schmitz, Christopher J., *World Non-Ferrous Metal Production and Prices, 1700-1976* (London, 1979).

U.S. Geological Survey, *Historical Statistics for Mineral and Material Commodities in the United States*, website: <http://minerals.usgs.gov/minerals/pubs/historical-statistics/> (Last visited on: 13-11-2014).