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

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

1. Title

 Tungsten mining 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)

 Tungsten mine production, in thousand metric tons

7. Unit of analysis

 Country

8. Keywords (5)

 Tungsten, Mine production, W

9. Abstract (200 words)

*Tungsten (W) is a metal with a wide range of uses, the largest of which is as tungsten carbide in cemented carbides. Cemented carbides (also called hardmetals) are wear-resistant materials used by the metalworking, mining, and construction industries. Tungsten metal wires, electrodes, and/or contacts are used in lighting, electronic, electrical, heating, and welding applications. Tungsten is also used to make heavy metal alloys for armaments, heat sinks, and high-density applications, such as weights and counterweights; superalloys for turbine blades; tool steels; and wear-resistant alloy parts and coatings. Tungsten composites are used as a substitute for lead in bullets and shot. Tungsten chemical compounds are used in catalysts, inorganic pigments, and high-temperature lubricants.*

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

10. Time period

 1860-2012

11. Geographical coverage

 Worldwide

12. Methodologies used for data collection and processing

Data inventory

13. Data quality

 Good

14. Date of collection

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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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