

JRC Dataset

UI - Atmospheric emissions of CO (LUISA Platform REF2014)

Description:

The indicator shows the spatial distribution of CO (Carbon monoxide) emissions over Europe. The total emissions for each country are derived from the GAINS model. This is the first version of the dataset (1.0) and it has not been extensively validated yet.

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Keywords:

CO, EU Reference Scenario 2014, FUA, GAINS, LUISA, RIAT+, SHERPA, Urban indicator, air pollution, air quality, carbon dioxide

Related resources:

Data access

UI -Atmospheric emissions of CO (FUA)

The compressed zip file contains the projected CO emissions, expressed in quintal/year (1 quintal = 100Kg), for Functional Urban Areas (FUAs) for 2010, 2020 and 2030. The data is stored in csv format.

https://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/LUISA/SecondaryOutput_Indicators/Europe/REF-2014/FUA/UI-CO-emissions-ref-2014-FUA.zip

Publications

European cities: territorial analysis of characteristics and trends - An application of the LUISA Modelling Platform (EU Reference Scenario 2013 - Updated Configuration 2014)

Kompil M, Aurambout J, Ribeiro Barranco R, Barbosa A, Jacobs C, Pisoni E, Zulian G, Vandecasteele I, Trombetti M, Vizcaino M, Vallecillo Rodriguez S, Batista E Silva F, Baranzelli C, Mari Rivero I, Perpiña Castillo C, Polce C, Maes J, Lavalle C.

European cities: territorial analysis of characteristics and trends - An application of the LUISA Modelling Platform (EU Reference Scenario 2013 - Updated Configuration 2014). EUR 27709. Luxembourg (Luxembourg): Publications Office of the European Union; 2015. JRC100001

DOI:[10.2788/737963](https://doi.org/10.2788/737963)

Methods for Regional Integrated Assessment: High resolution gridded emission distribution in the LUISA Platform

Trombetti M, Pisoni E, Maes J, Lavalle C, Thunis P. Methods for Regional Integrated Assessment: High resolution gridded emission distribution in the LUISA Platform . EUR 27005. Luxembourg (Luxembourg): Publications Office of the European Union; 2014. JRC93813

DOI:[10.2788/46604](https://doi.org/10.2788/46604)

Additional information:

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Landing page: <https://ec.europa.eu/jrc/en/luisa>

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