

CAMS_81 (2): Global and regional emissions

Description

Air quality and climate change are some of today's most important environmental concerns. Poor air quality and climate change are closely linked and directly relate to the changing composition of the atmosphere. The dominant driver of the changing atmospheric composition over the past decades are human activities like industrial production, agriculture and energy production. All these activities are associated with emissions of air pollutants and greenhouse gases. Therefore, understanding emissions, including where and when they occur, is essential to predict air quality and climate change as well as design effective mitigation options.

The CAMS_81 Global and regional emissions project is designed to provide state of the art information on natural and anthropogenic emissions at the global and European regional scale. The emissions information will be direct input for the Copernicus Atmosphere Monitoring Service (CAMS) Regional and Global Production Systems. Next to the direct use in the CAMS production systems, the CAMS_81 products will be part of the CAMS services and be freely available to CAMS users.

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