

CAMS product	Atmospheric composition tracers	Horizontal resolution	Number vertical levels	Initial conditions: meteorology	Initial conditions: atmospheric composition	Time availability observations/analysis of atmospheric composition	Time availability of product
AN_CHEM	Reactive gases ( <b>CO</b> , <b>O<sub>3</sub></b> , <b>NO<sub>2</sub></b> , etc.) and aerosols	80 km	L60	Own analysis	Own analysis	< 1 day	< 1 day
FC_CHEM	Reactive gases ( <b>CO</b> , <b>O<sub>3</sub></b> , <b>NO<sub>2</sub></b> , etc.) and aerosols	80 km	L60	AN_CHEM	AN_CHEM	< 1 day	0 days (real time)
AN_GHG	<b>CO<sub>2</sub></b> , <b>CH<sub>4</sub></b>	40 km	L137	Own analysis	Own analysis	2–4 days	4 days
FC16s	<b>CO<sub>2</sub></b> , <b>CH<sub>4</sub></b> and <b>linCO</b>	16 km	L137	ECMWF operational analysis	Previous 1-day forecast	n/a	1 day
FC9s	<b>CO<sub>2</sub></b> , <b>CH<sub>4</sub></b> , <b>linCO</b> and tagged tracers	9 km	L137	ECMWF operational analysis	AN_GHG 4-day fc for <b>CO<sub>2</sub></b> / <b>CH<sub>4</sub></b> and AN_CHEM for <b>linCO</b>	4 day for AN_GHG; < 1 day for AN_CHEM	1 day