



CEMBUREAU KEY FACTS & FIGURES

PRODUCTION - CONSUMPTION - EMISSIONS - SAFETY

KEY FACTS & FIGURES

Source: CEMBUREAU data collection unless stated otherwise

PRODUCTION & CONSUMPTION



2023 production

161.1Mt



175.4Mt



4.03Bt

Source: International Cement Review



2023 Consumption

150.8Mt



169Mt



Per capita

336Kg



Plants
Companies



**200
60**

Source: International Cement Review, EU ETS

TURNOVER 2022



Cement + clinker

Concrete + mortar

Construction



25.8 B€



73.6 B€



2,153 B€

Source: Eurostat

EMPLOYMENT 2023



JOBS

(directly employed)



40,309

CONSTRUCTION

14.5 M

Source: Eurostat

GROSS VALUE ADDED 2022



Cement + clinker

Concrete + mortar

Construction



8.5 B€



20.8 B€



779.8 B€

Source: Eurostat

EMISSIONS



CO2

EMISSIONS

REDUCTION



Per tonne
cementitious /
gross

1990-2022

-18%

2005-2022

-11%

Per tonne
clinker (EU-ETS
benchmark)

1990-2022

-13%

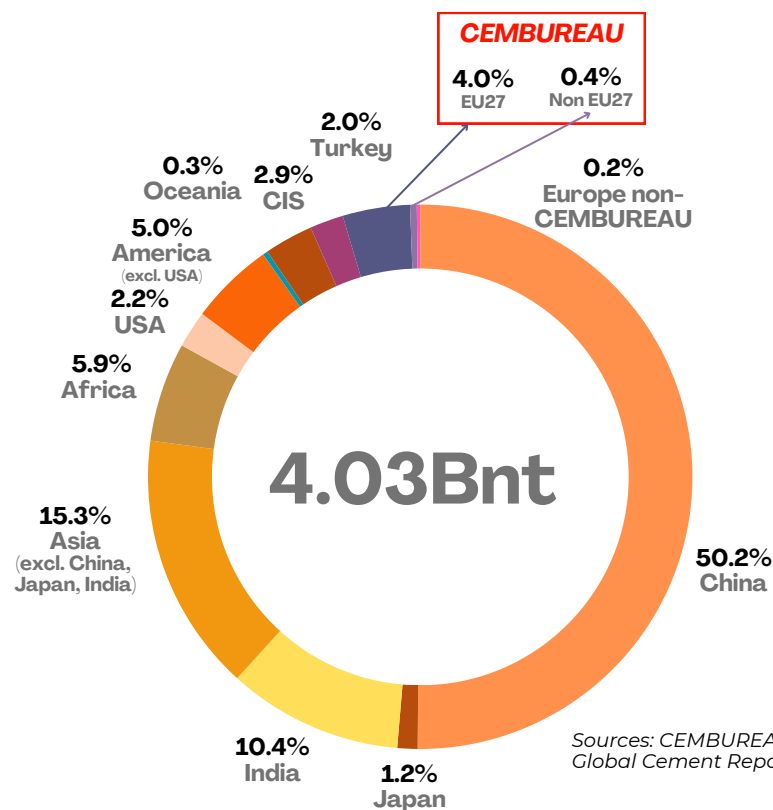
2005-2022

-9%

Source: GCCA

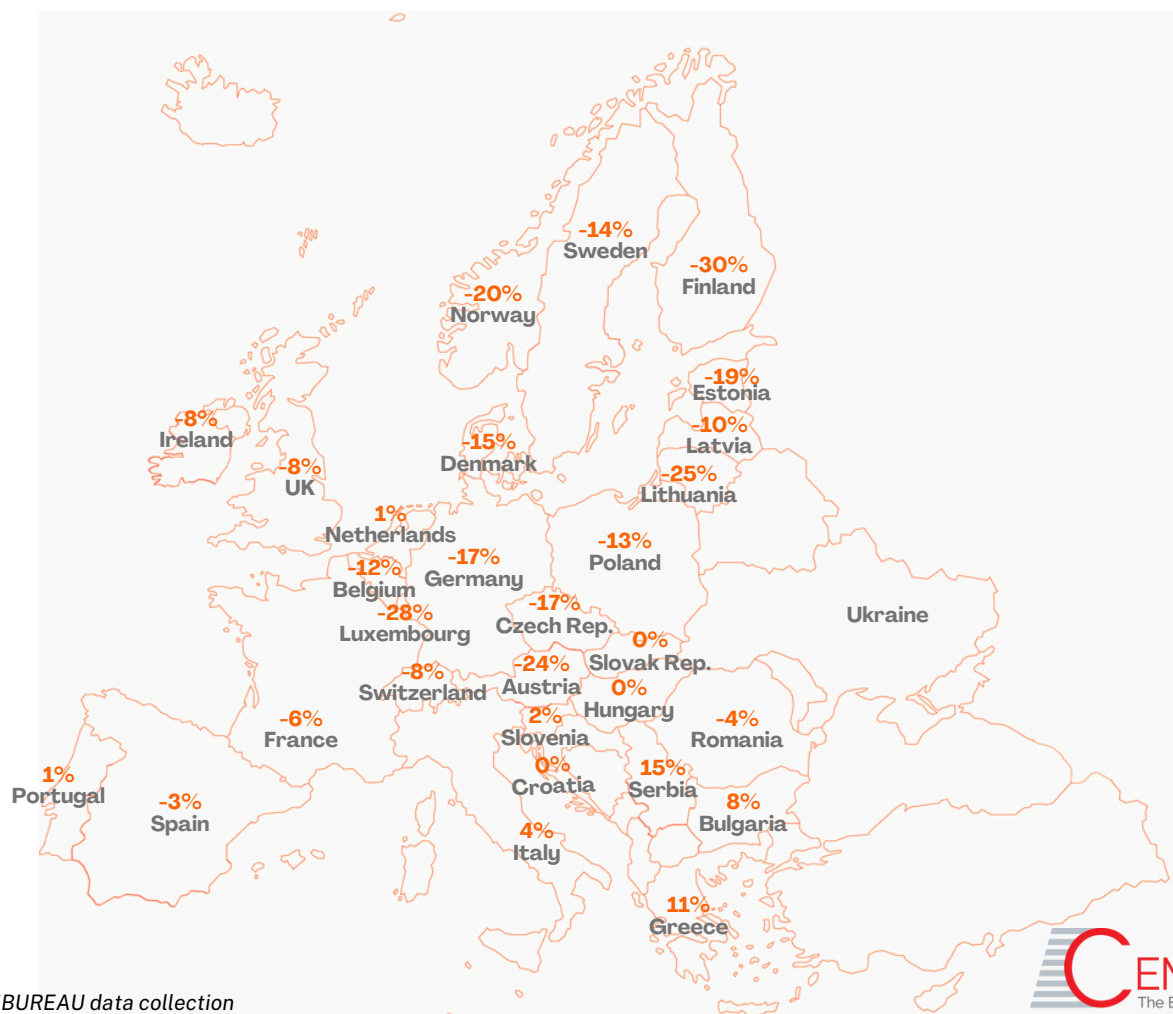
PRODUCTION - CONSUMPTION

WORLD CEMENT PRODUCTION IN 2023



EVOLUTION OF CEMENT CONSUMPTION IN CEMBUREAU COUNTRIES

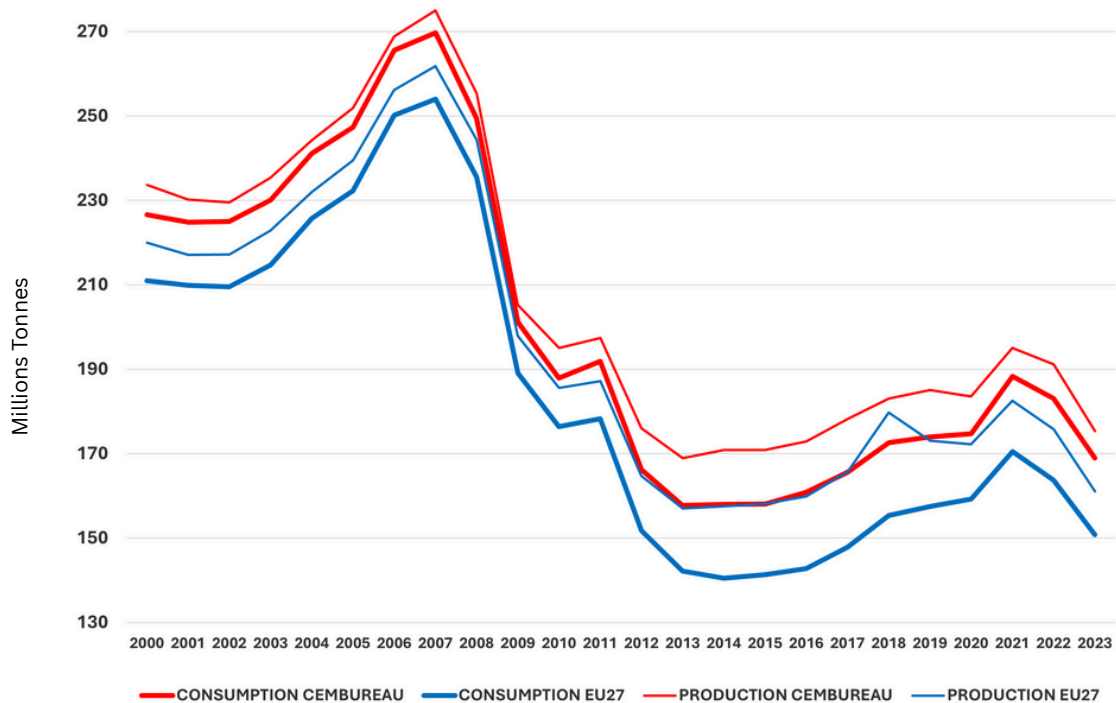
Variation 2023/2022 (%)



Source: CEMBUREAU data collection

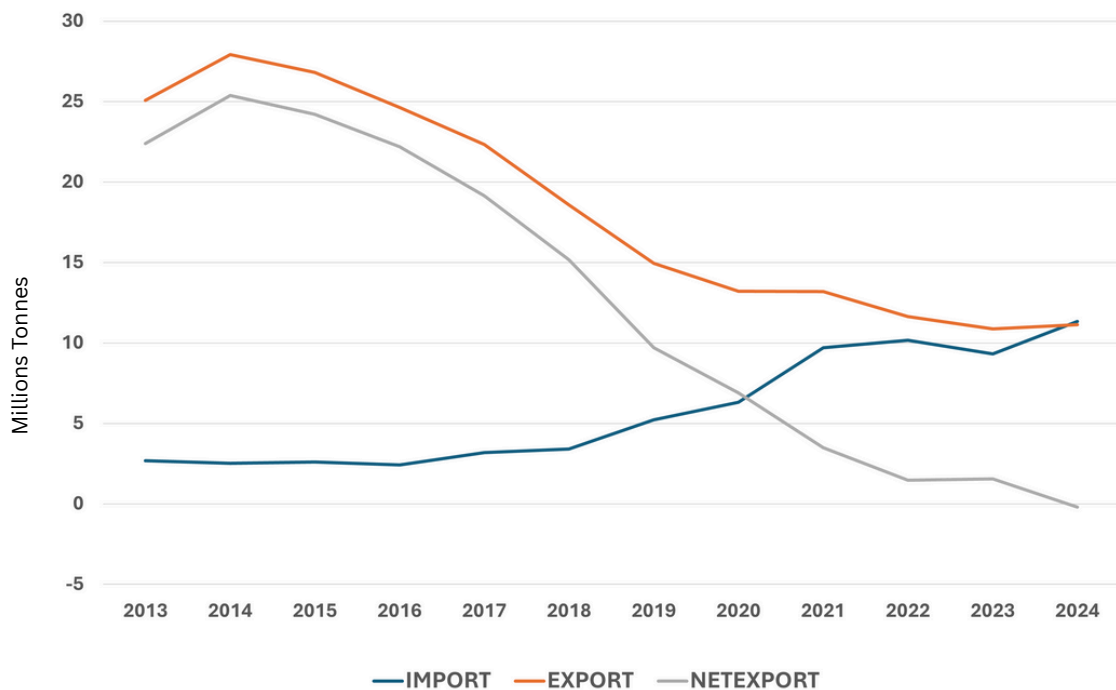
PRODUCTION - CONSUMPTION IMPORT - EXPORT

CEMENT PRODUCTION & CONSUMPTION EU 27 & CEMBUREAU / 2000-2023



Source : CEMBUREAU data collection

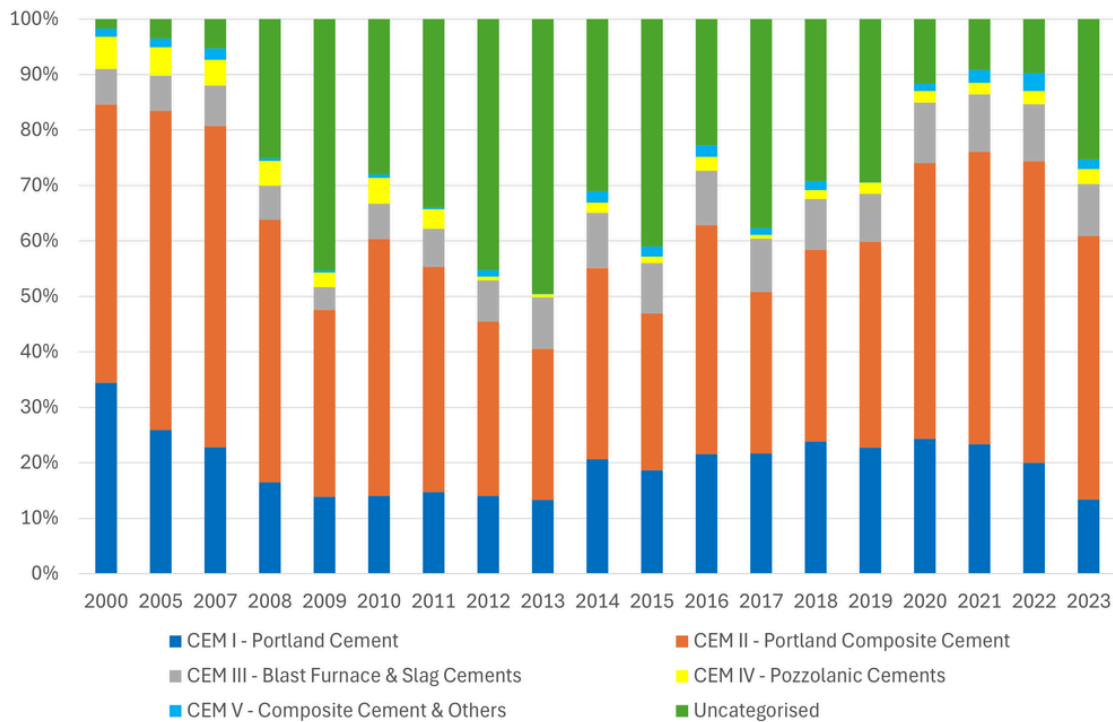
CEMENT+CLINKER IMPORT/EXPORT AT EU27 BORDER



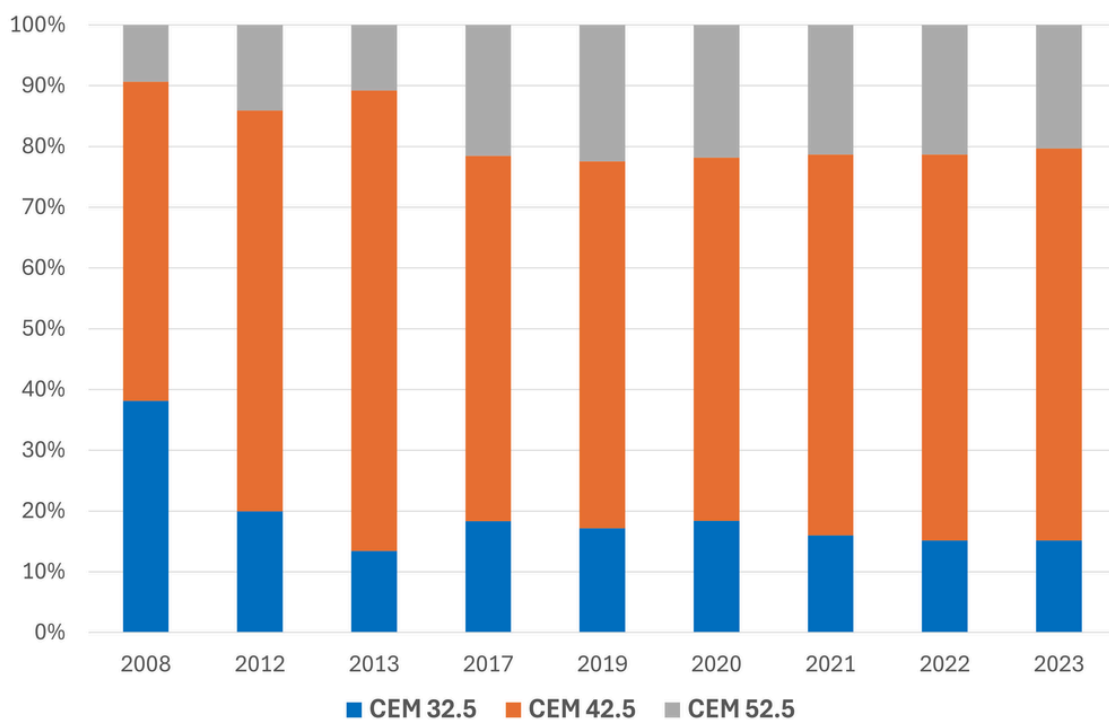
Source: Eurostat

PRODUCTION TYPES - STRENGTHS

CEMENT TYPES - DOMESTIC DELIVERIES - EU27

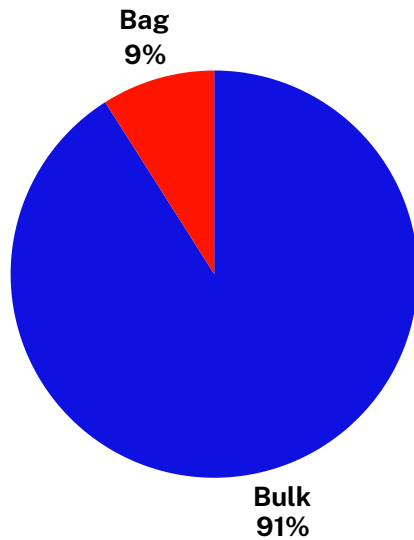


CEMENT STRENGTHS - DOMESTIC DELIVERIES - EU27

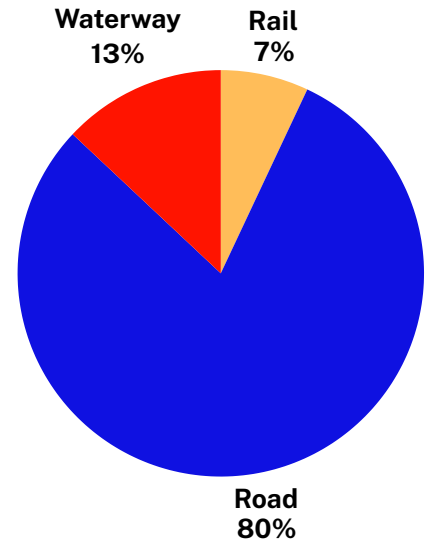


PRODUCTION LOGISTICS & APPLICATIONS

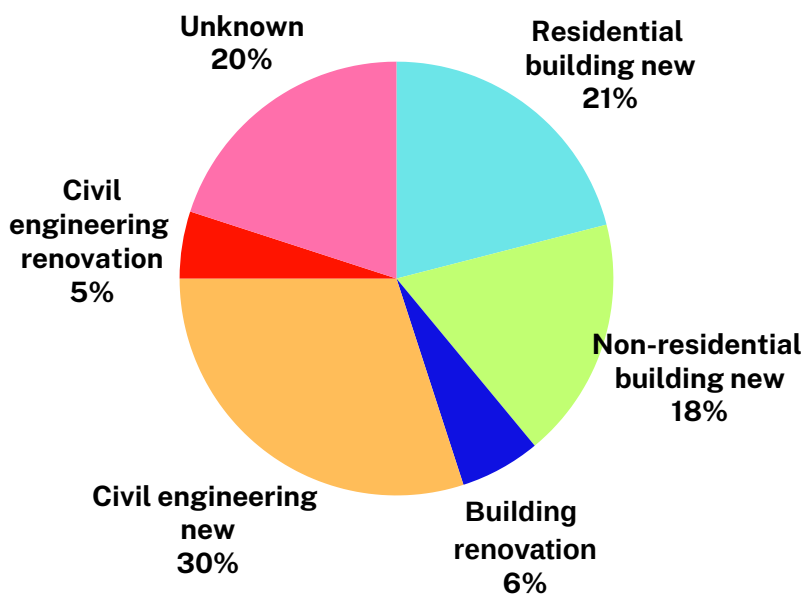
**PACKAGING EU27
DOMESTIC DELIVERIES 2023**



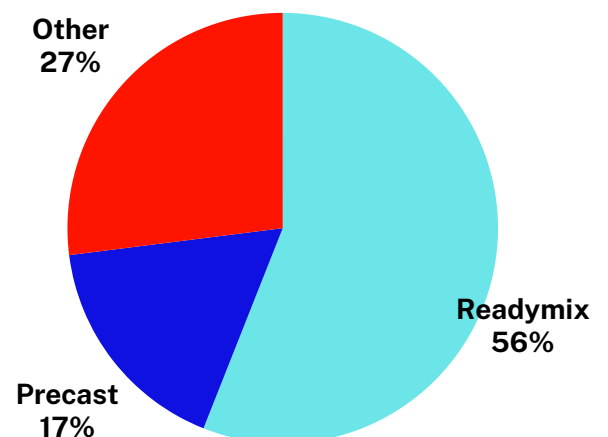
**TRANSPORT MODES EU 27
DOMESTIC DELIVERIES 2023**



**END USES EU27
CEMENT CONSUMPTION 2023**

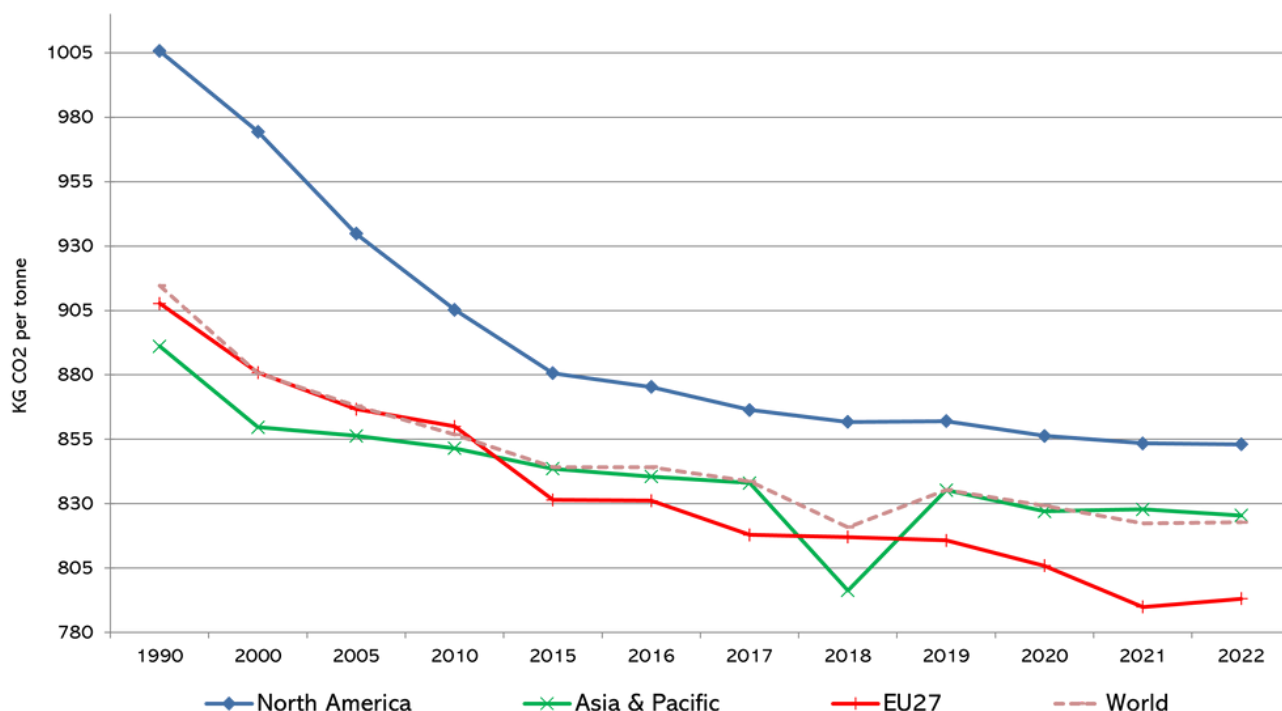


**END USERS EU27
DOMESTIC DELIVERIES 2023**

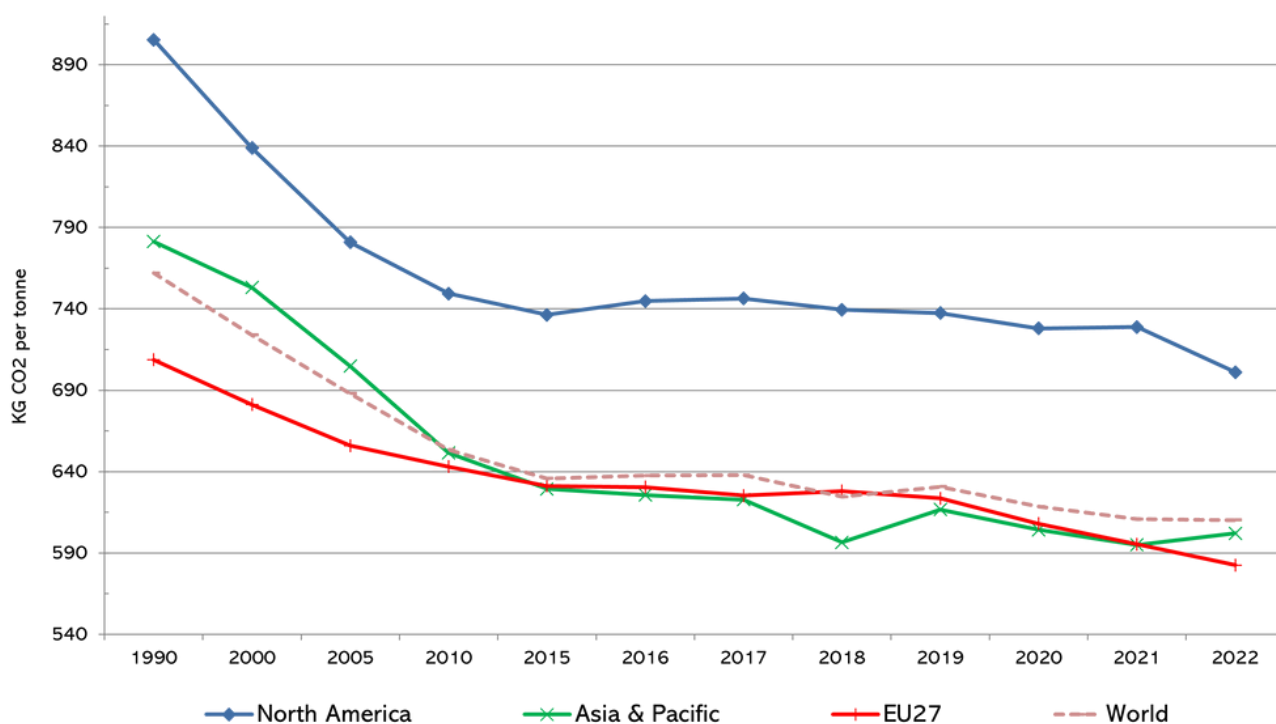


GROSS EMISSIONS GREY CLINKER - CEMENTITIOUS PRODUCTS

EMISSIONS GREY CLINKER



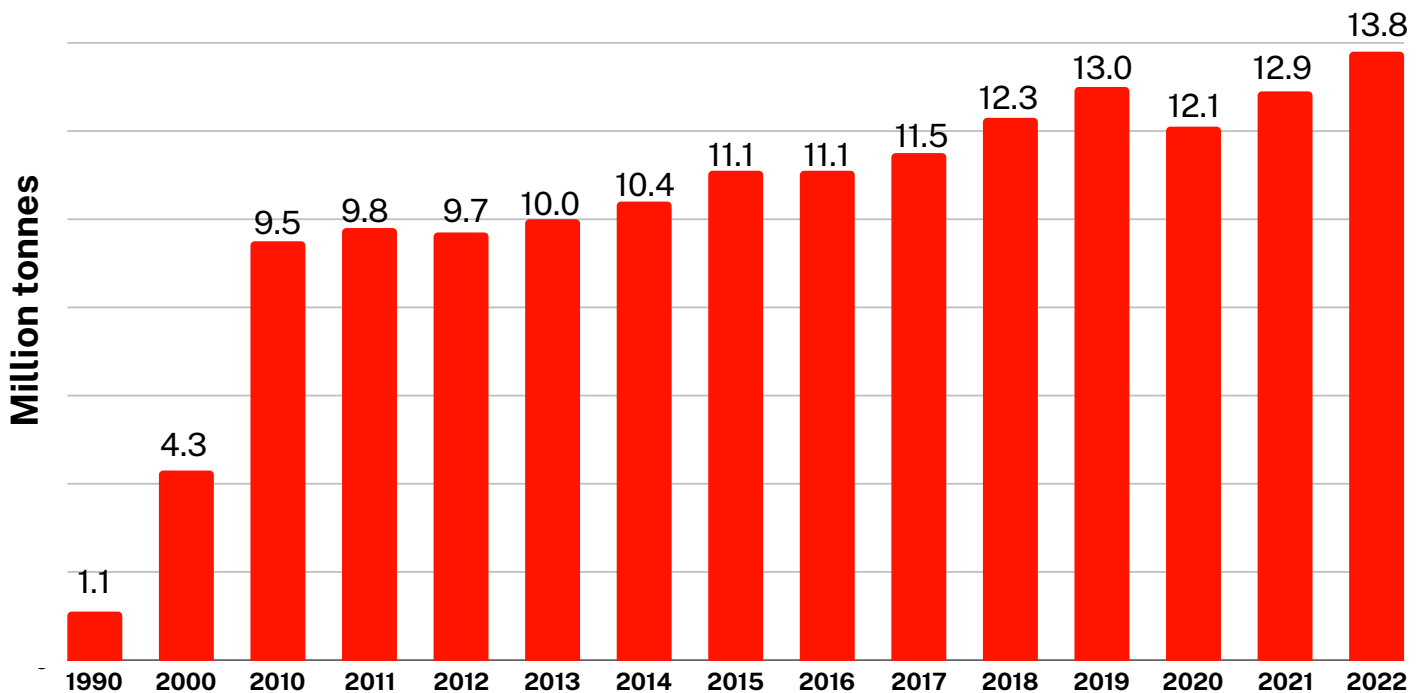
EMISSIONS CEMENTITIOUS PRODUCTS (GREY & WHITE)



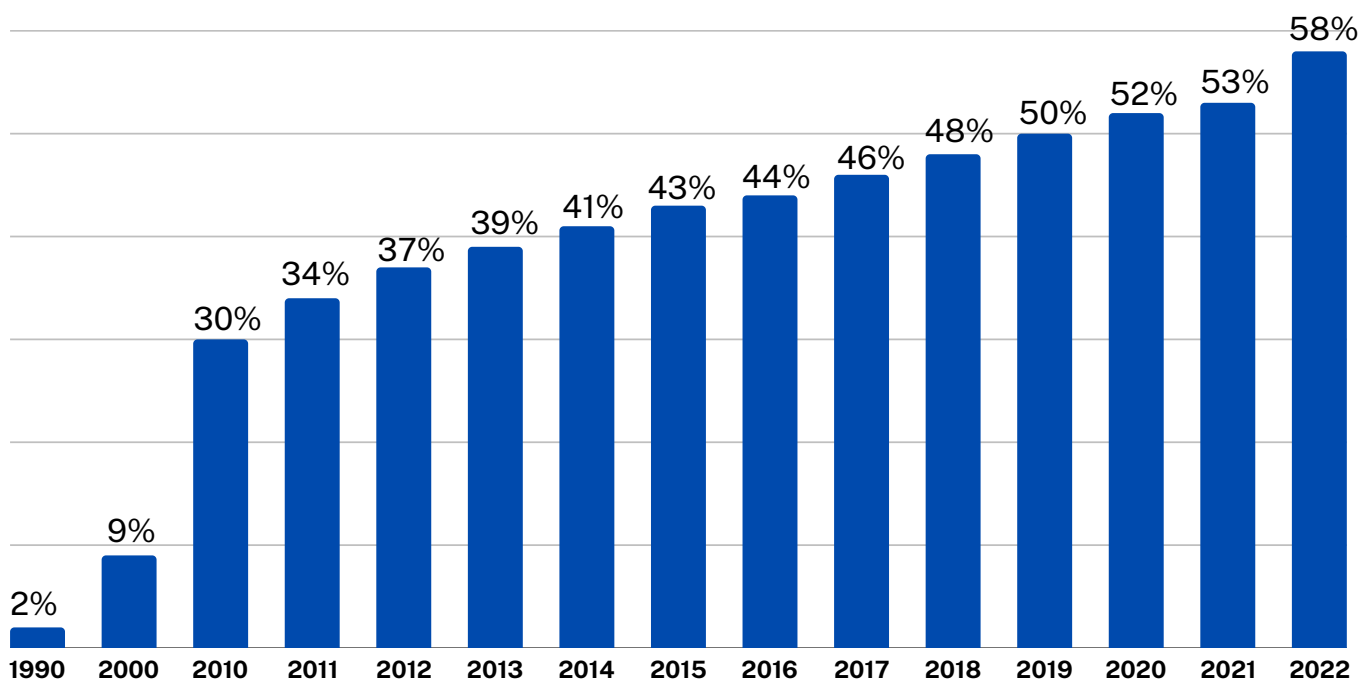
EMISSIONS

CIRCULAR WASTE FUELS

CIRCULAR WASTE FUELS IN THE CEMENT SECTOR IN THE EU



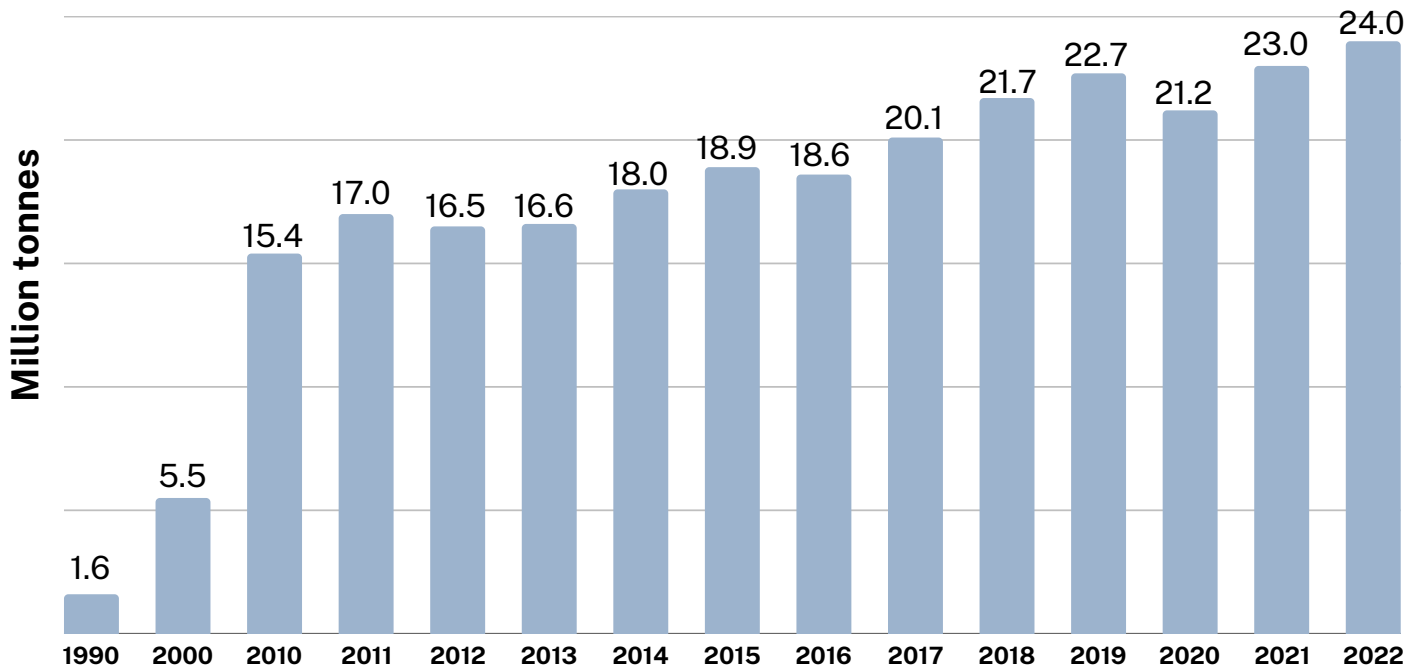
% OF THERMAL ENERGY FROM CIRCULAR WASTE FUELS IN THE CEMENT SECTOR IN THE EU



EMISSIONS

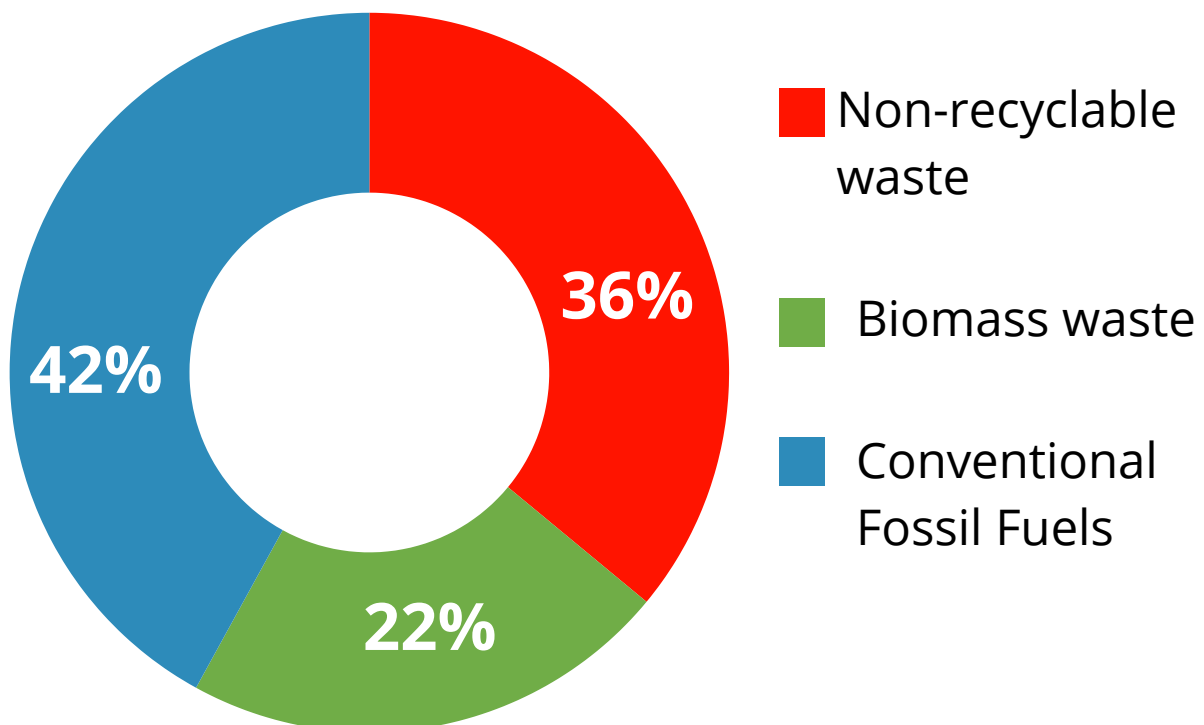
CIRCULAR WASTE FUELS

CO2 EMISSIONS AVOIDED BY USING CIRCULAR WASTE FUELS IN EU



Source: Global Cement & Concrete Association (GCCA)

THERMAL ENERGY CONSUMPTION BY FUEL TYPE FOR THE YEAR 2022

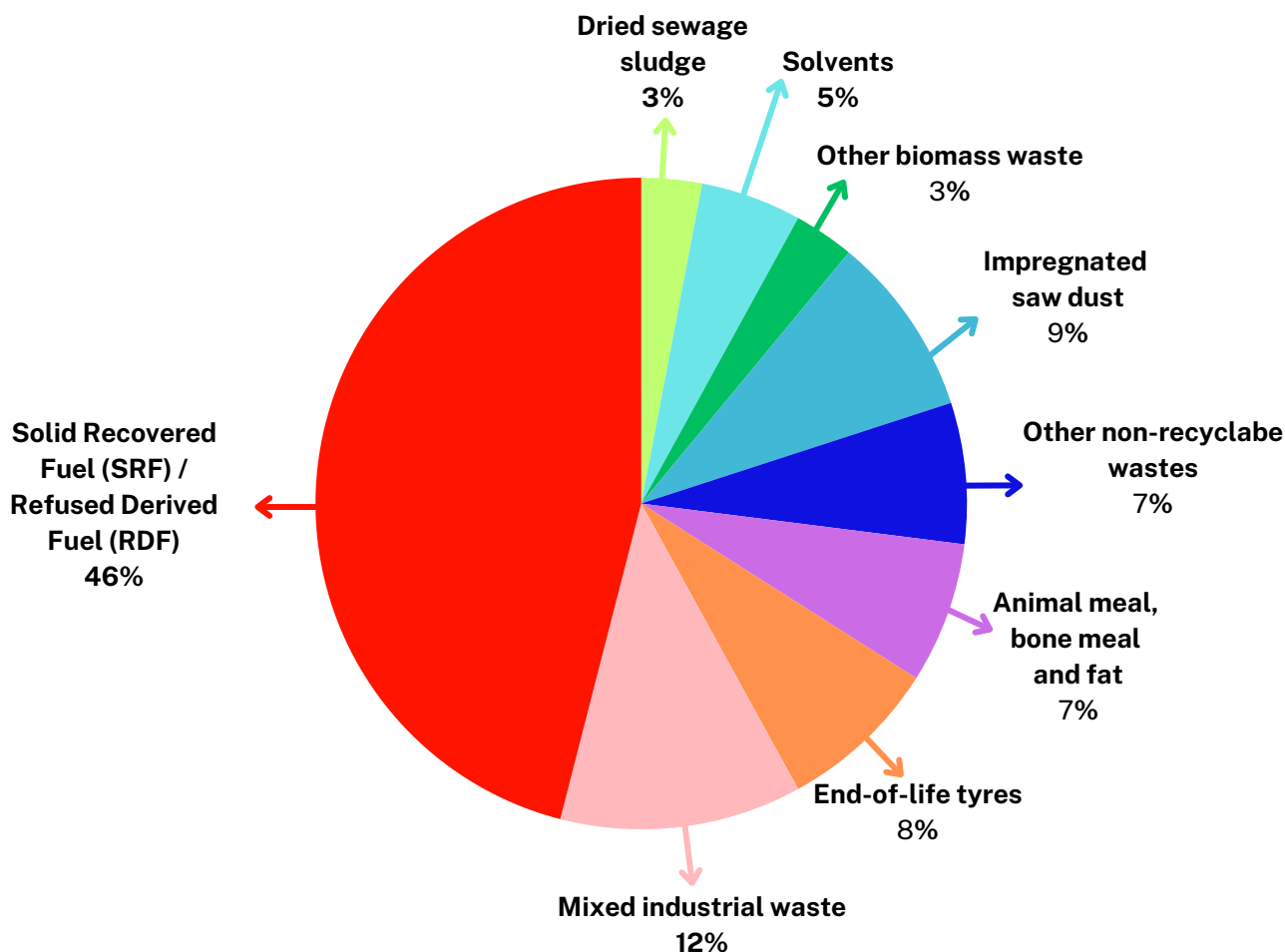


Source: Global Cement & Concrete Association (GCCA)

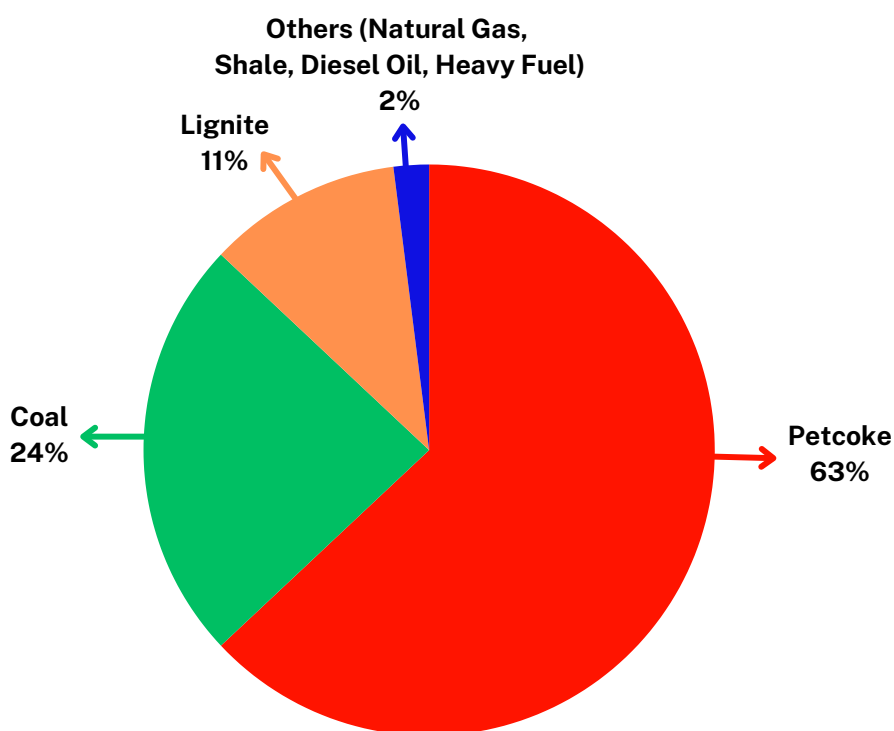
EMISSIONS

CIRCULAR WASTE FUELS VS. FOSSIL FUELS

BREAKDOWN OF CIRCULAR WASTE FUELS 2022 IN THE EU

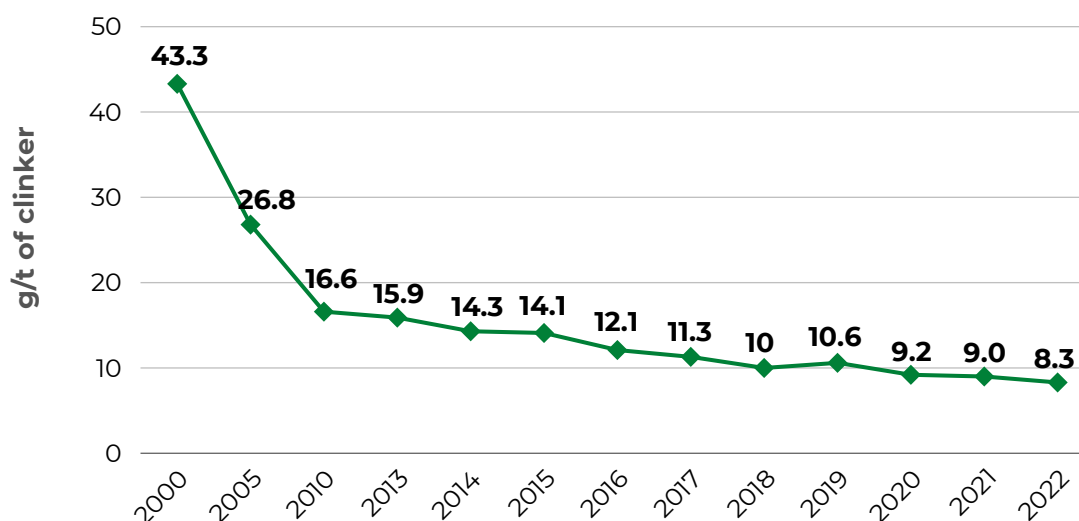


UPDATE 2022 DATA: FOSSIL FUELS USE IN THE EU

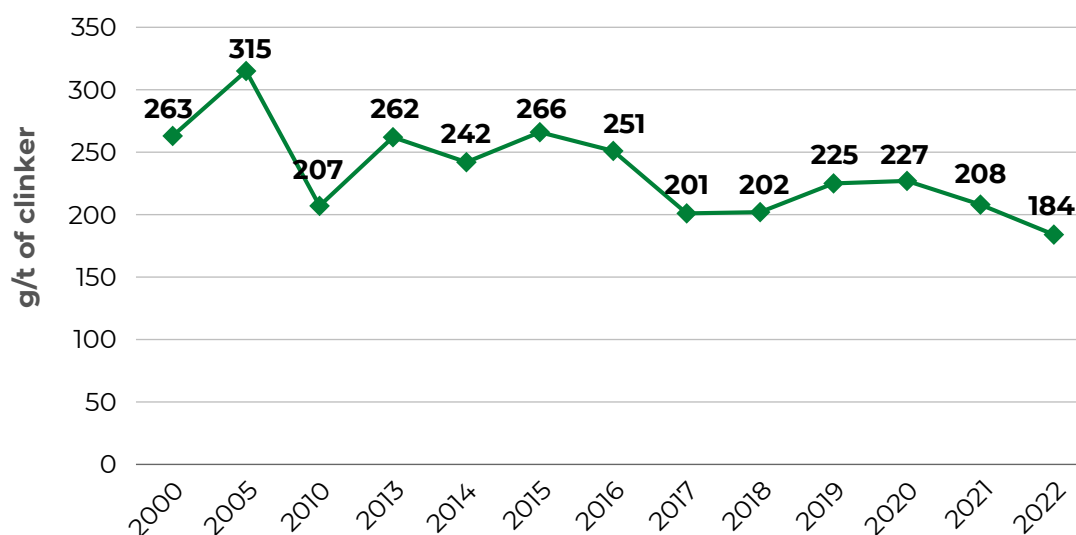


EMISSIONS DUST-SO₂-NO_x / CLINKER PRODUCTION

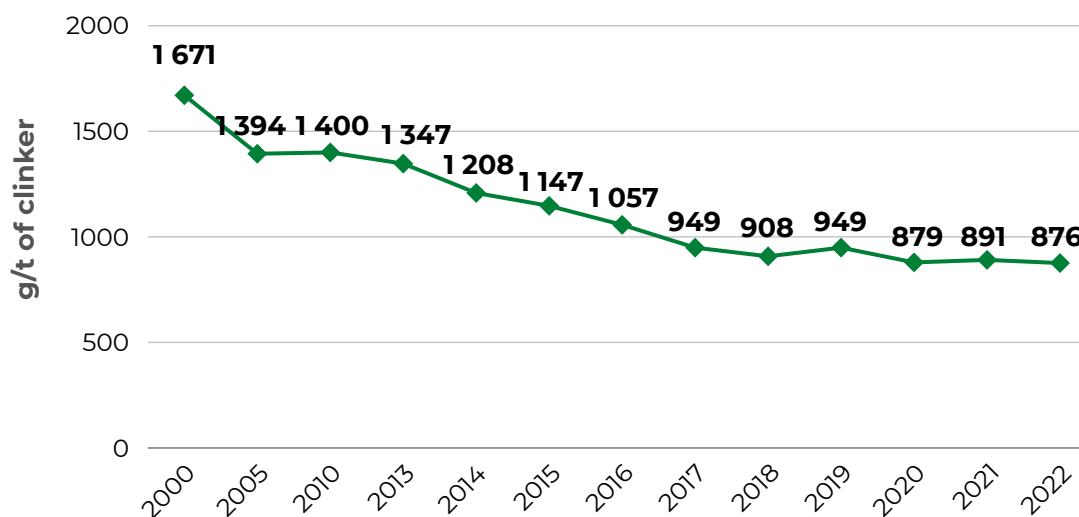
Dust emission/clinker production



SO₂ emission/clinker production



NO_x emission/clinker production



SAFETY KPI

SAFETY KPI FOR DIRECTLY EMPLOYED IN EU27 COUNTRIES (PER MILLION MAN HOURS)

