



CEMBUREAU KEY FACTS & FIGURES

PRODUCTION - CONSUMPTION - EMISSIONS - SAFETY

KEY FACTS & FIGURES

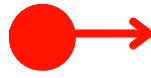
Source: CEMBUREAU data collection unless stated otherwise

PRODUCTION & CONSUMPTION



2022 production

175.8Mt



CEMBUREAU
The European Cement Association

191Mt



4.1Bt

Source: International Cement Review



2022 Consumption

163.8Mt



CEMBUREAU
The European Cement Association

183Mt



Per capita

366Kg



Plants
Companies



**200
60**

Source: International Cement Review, EU ETS

TURNOVER 2021



Cement + clinker



22.5 B€

Concrete + mortar



70.3 B€

Construction



1,903 B€

Source: Eurostat

EMPLOYMENT 2022



JOBS

(directly employed)



CEMBUREAU
The European Cement Association

39,043

CONSTRUCTION

14.3 M

Source: Eurostat

GROSS VALUE ADDED 2021



Cement + clinker



7.6 B€

Concrete + mortar



20.2 B€

Construction



712.6 B€

Source: Eurostat

EMISSIONS



CO2

**EMISSIONS
REDUCTION**



Per tonne
cementitious /
gross

1990-2021

2005-2021

-16%

-9%

Per tonne
clinker (EU-ETS
benchmark)

1990-2021

2005-2021

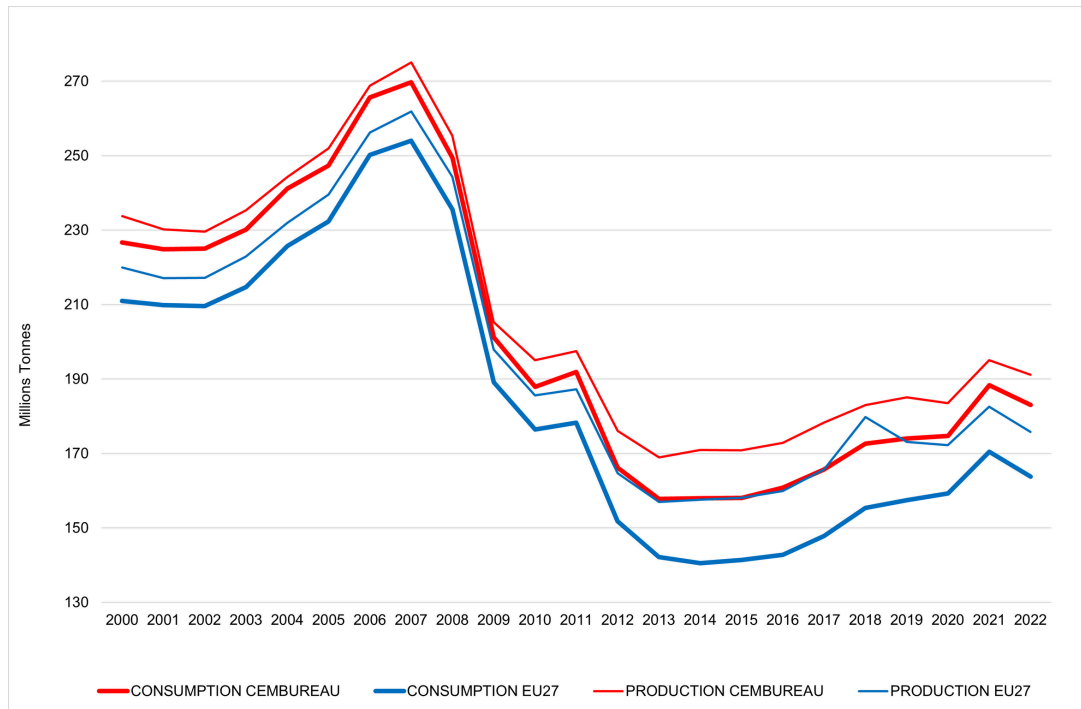
-13%

-9%

Source: GCCA

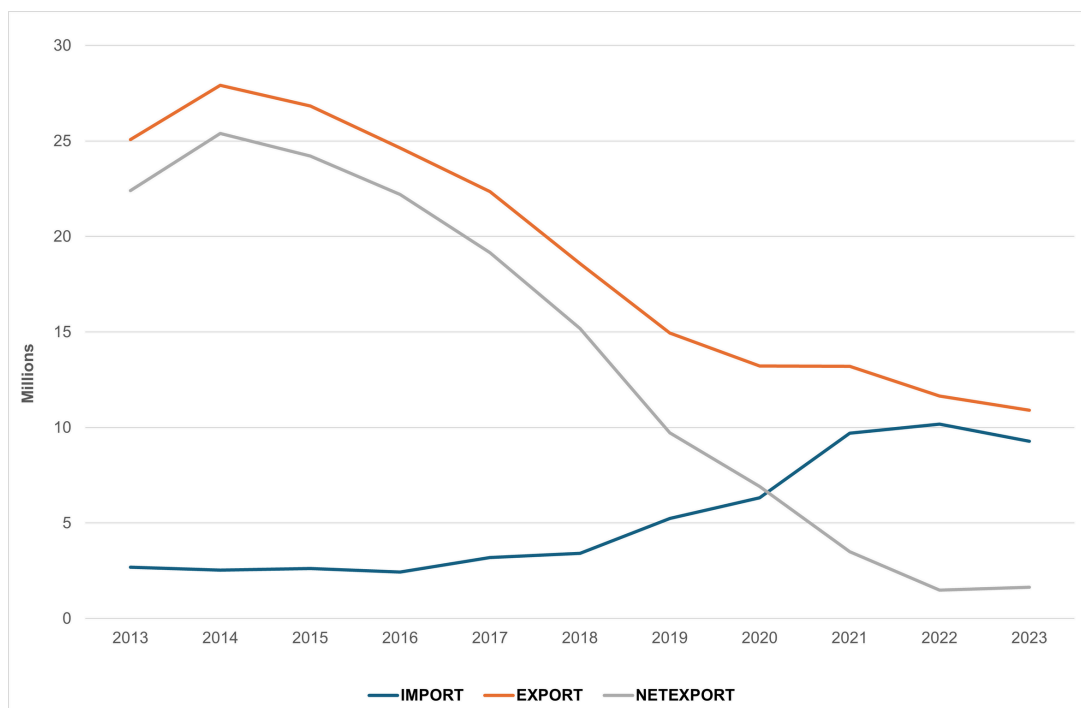
PRODUCTION - CONSUMPTION IMPORT - EXPORT

CEMENT PRODUCTION & CONSUMPTION EU 27 & CEMBUREAU / 2000-2022



Source : CEMBUREAU data collection

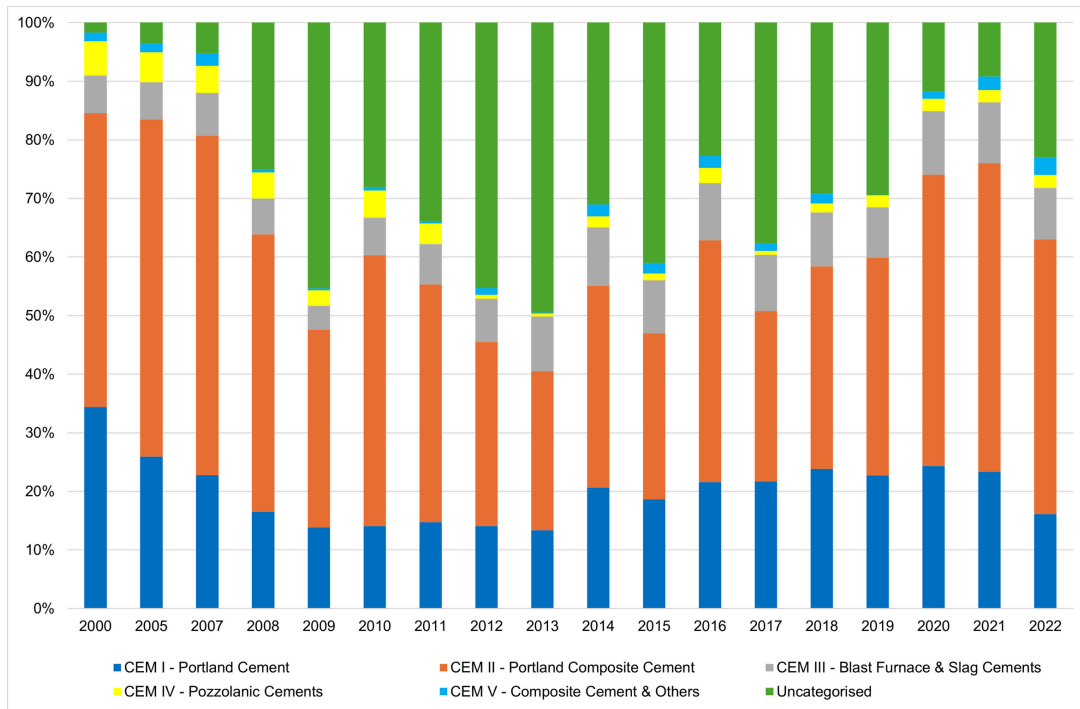
CEMENT+CLINKER IMPORT/EXPORT AT EU27 BORDER



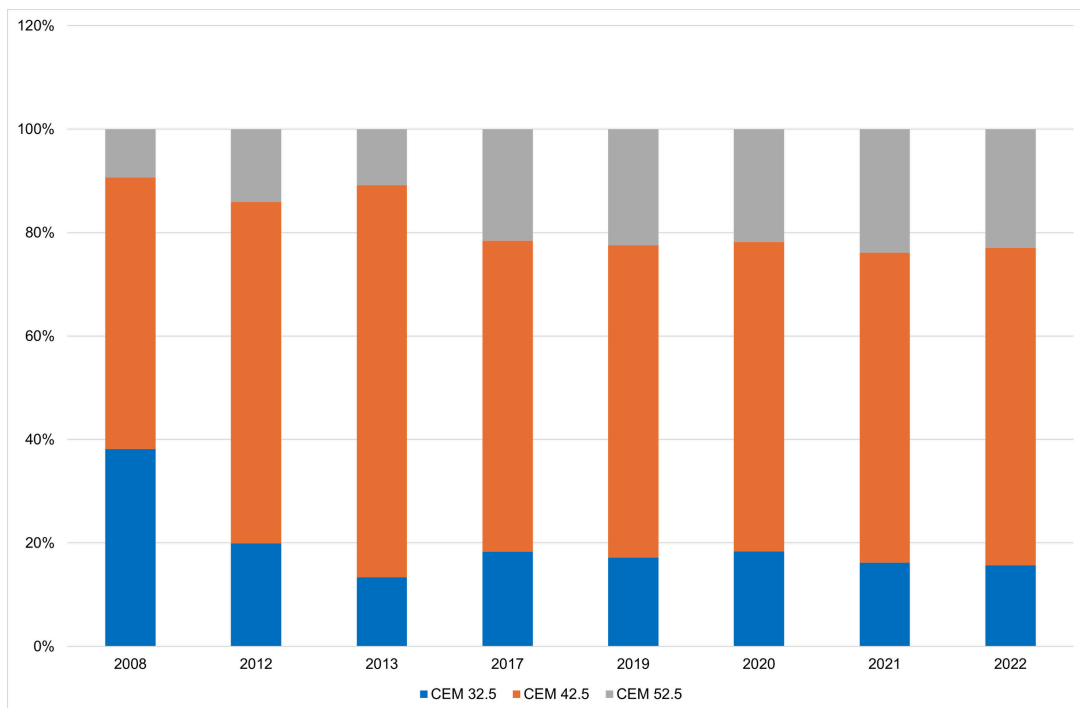
Source: Eurostat

PRODUCTION TYPES - STRENGTHS

CEMENT TYPES - DOMESTIC DELIVERIES - EU27

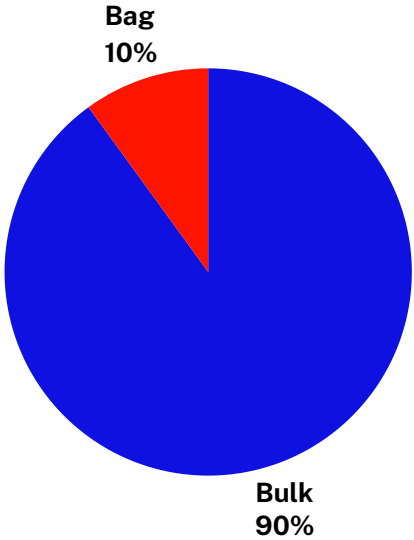


CEMENT STRENGTHS - DOMESTIC DELIVERIES - EU27

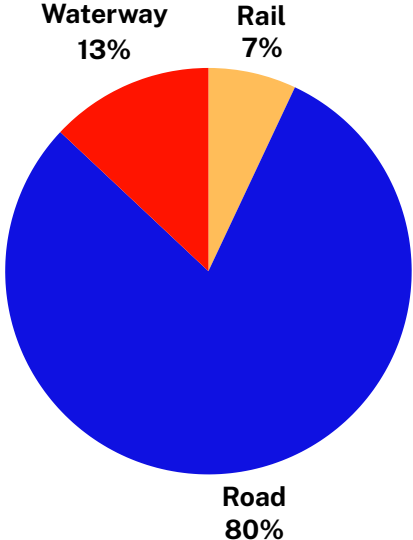


PRODUCTION LOGISTICS & APPLICATIONS

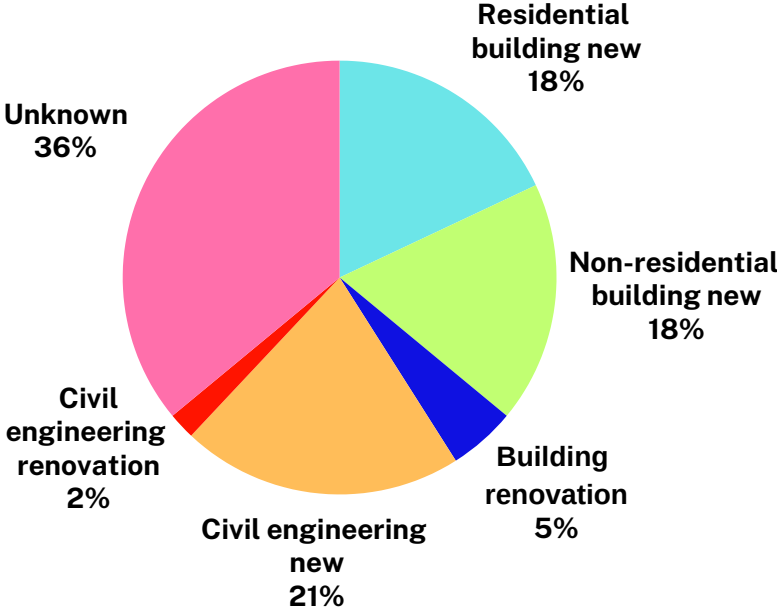
PACKAGING EU27 DOMESTIC DELIVERIES 2022



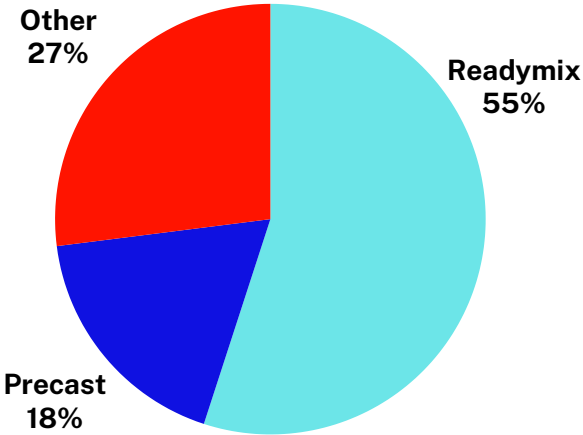
TRANSPORT MODES EU 27 DOMESTIC DELIVERIES 2022



END USES EU27 CEMENT CONSUMPTION 2022

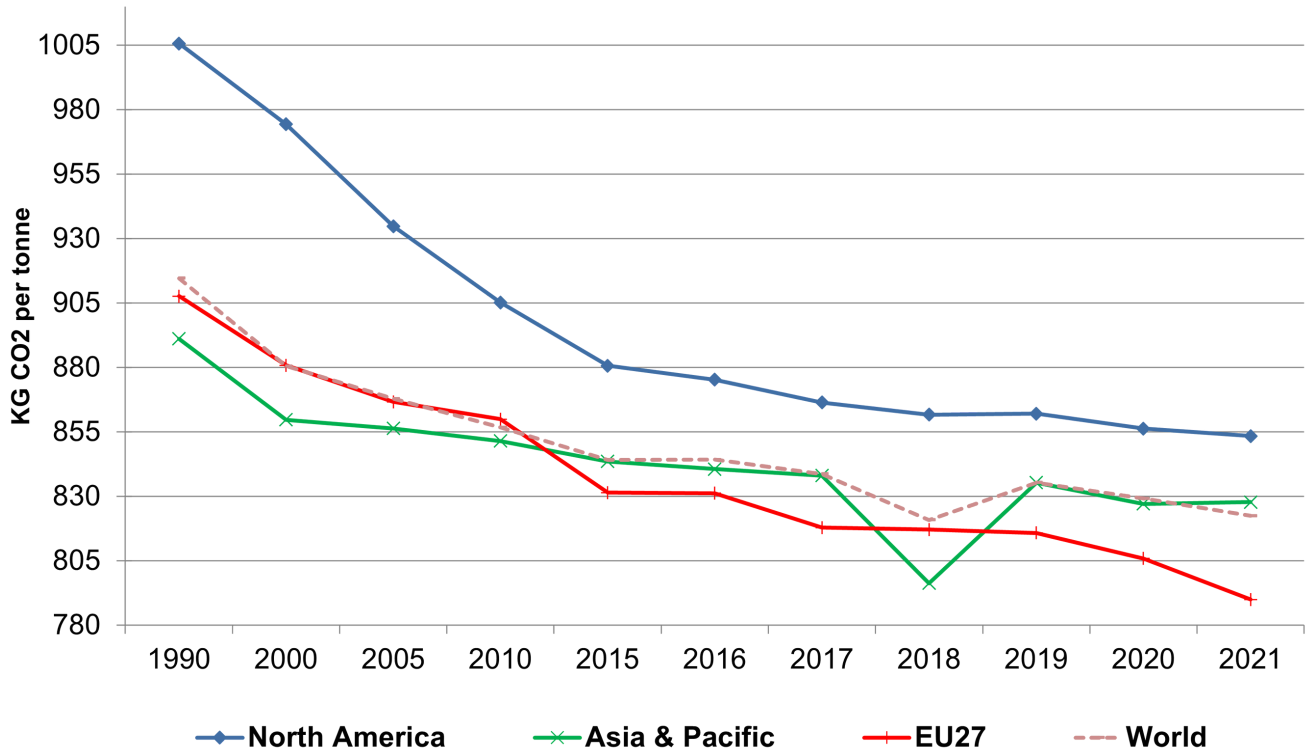


END USERS EU27 DOMESTIC DELIVERIES 2022

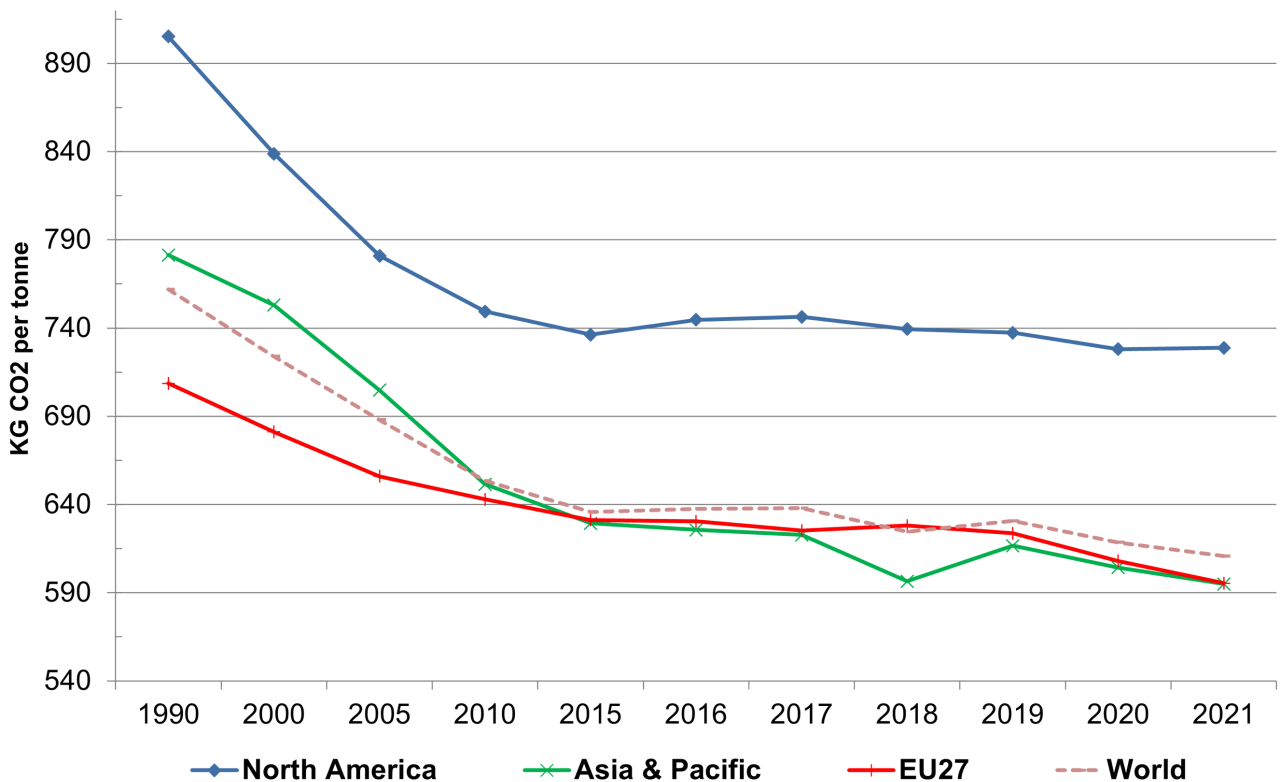


GROSS EMISSIONS GREY CLINKER - CEMENTITIOUS PRODUCTS

EMISSIONS GREY CLINKER

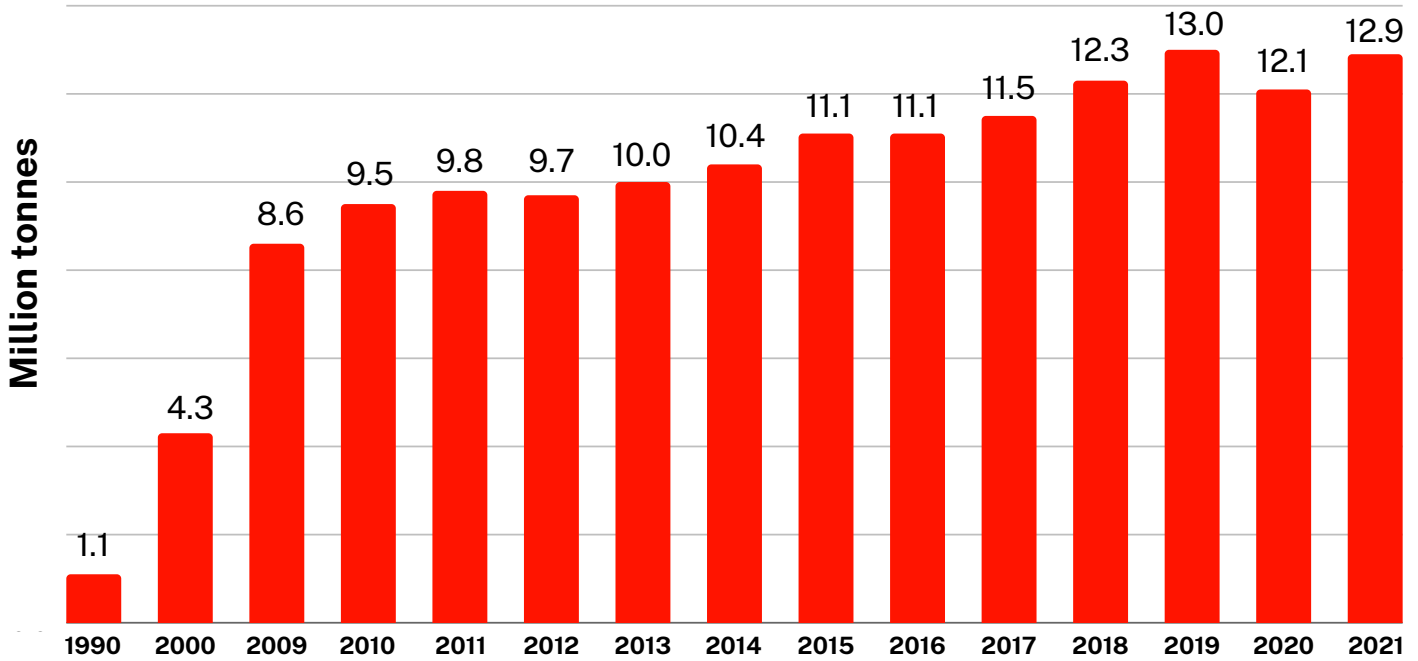


EMISSIONS CEMENTITIOUS PRODUCTS (GREY & WHITE)

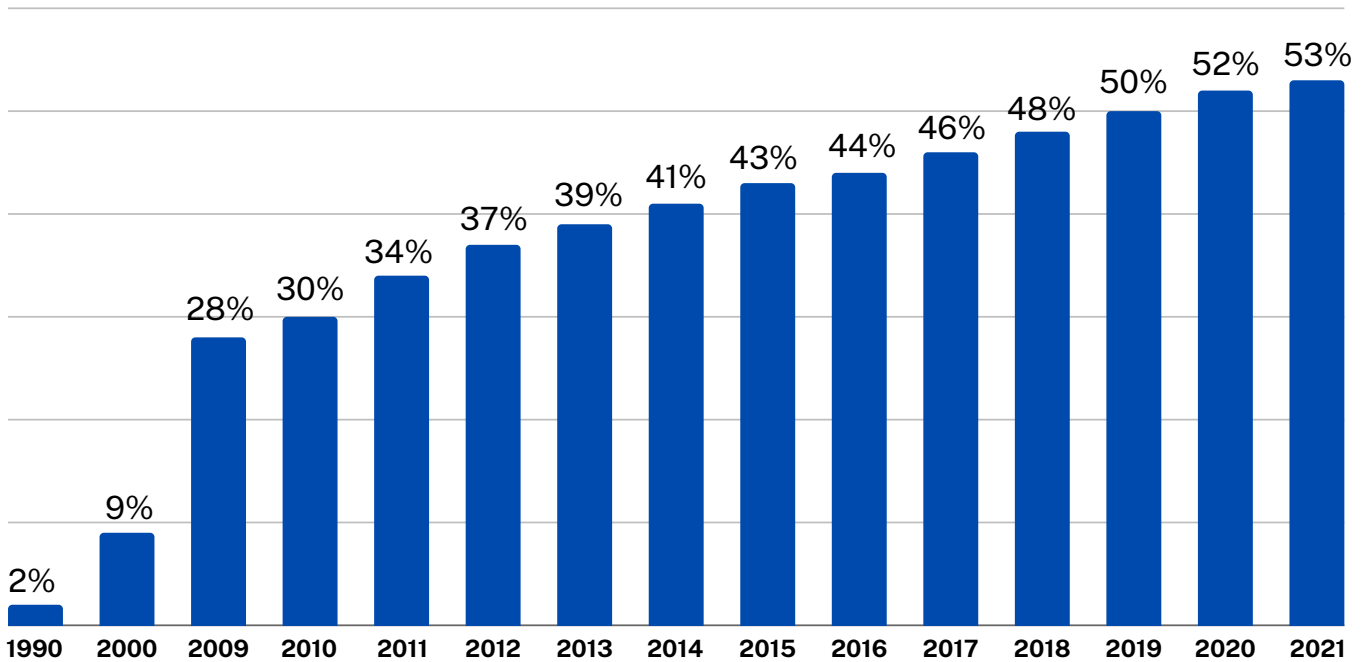


EMISSIONS CIRCULAR WASTE FUELS

CIRCULAR WASTE FUELS IN THE CEMENT SECTOR IN THE EU

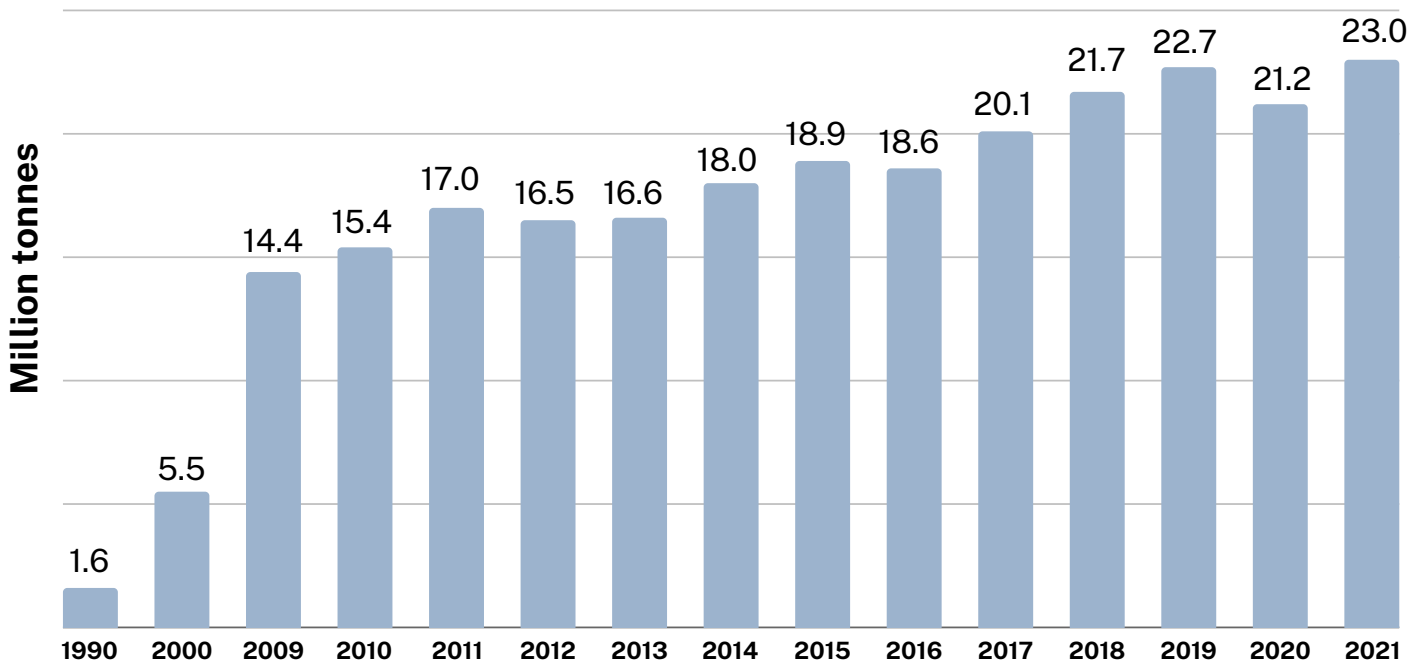


% OF THERMAL ENERGY FROM CIRCULAR WASTE FUELS IN THE CEMENT SECTOR IN THE EU



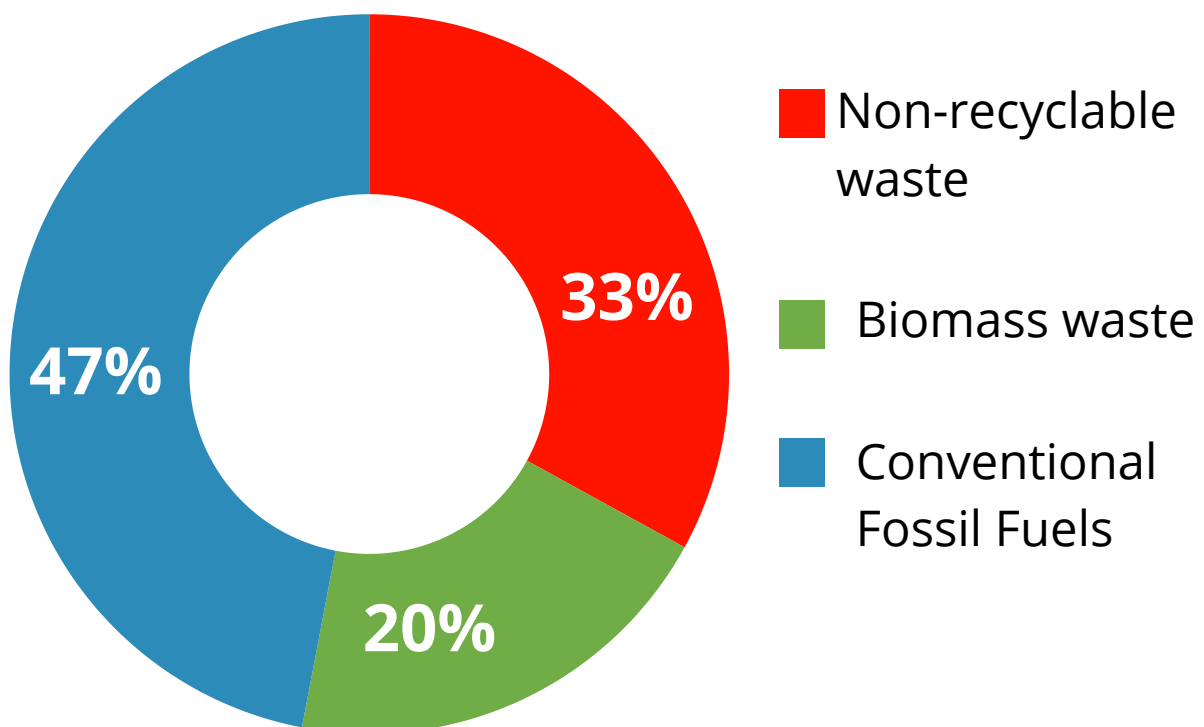
EMISSIONS CIRCULAR WASTE FUELS

CO2 EMISSIONS AVOIDED BY USING CIRCULAR WASTE FUELS IN EU



Source: Global Cement & Concrete Association (GCCA)

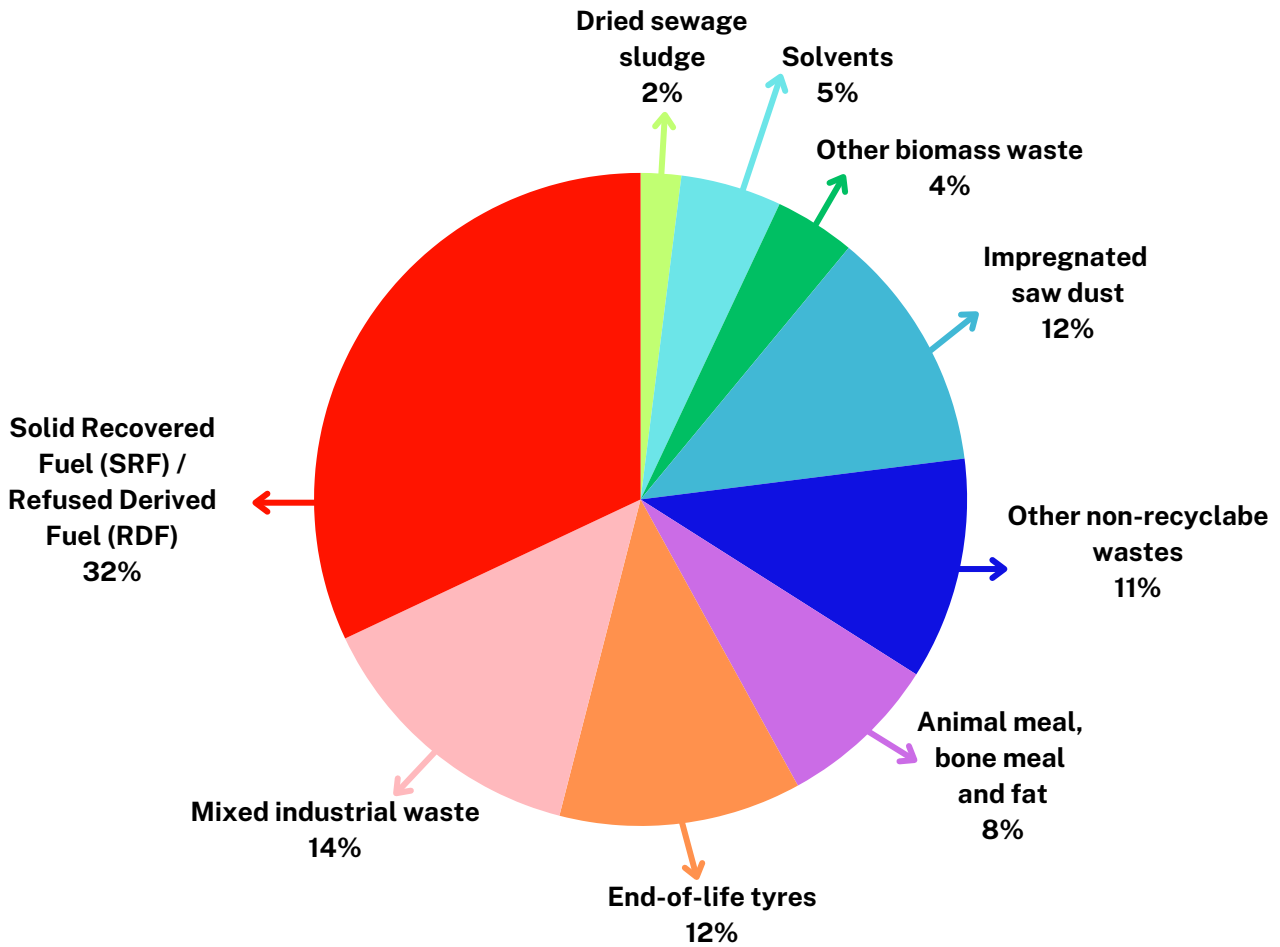
THERMAL ENERGY CONSUMPTION BY FUEL TYPE FOR THE YEAR 2021



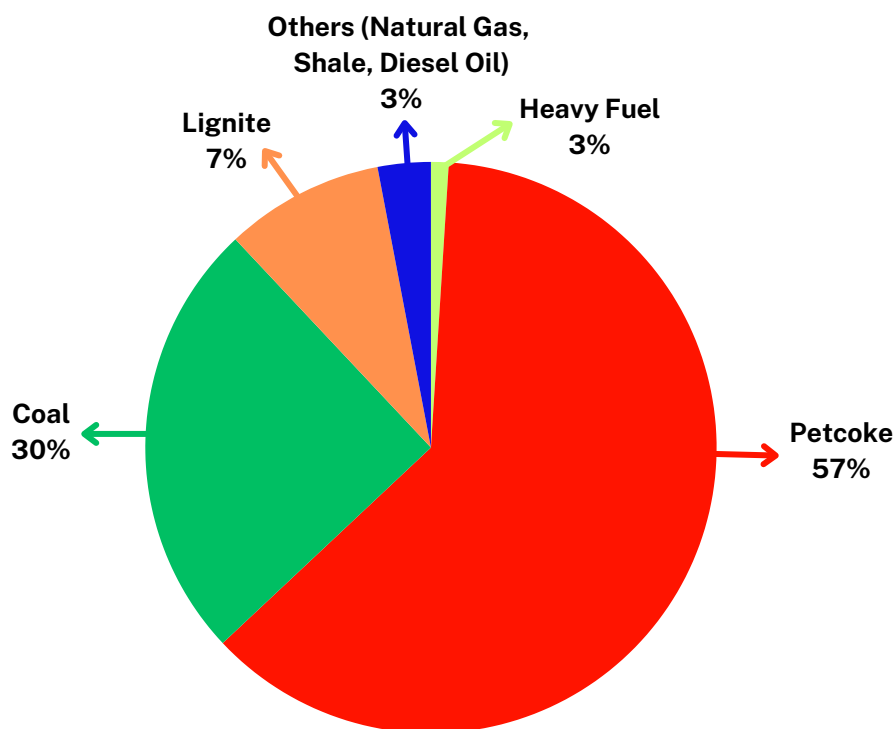
Source: Global Cement & Concrete Association (GCCA)

EMISSIONS CIRCULAR WASTE FUELS VS. FOSSIL FUELS

BREAKDOWN OF CIRCULAR WASTE FUELS 2021 IN THE EU

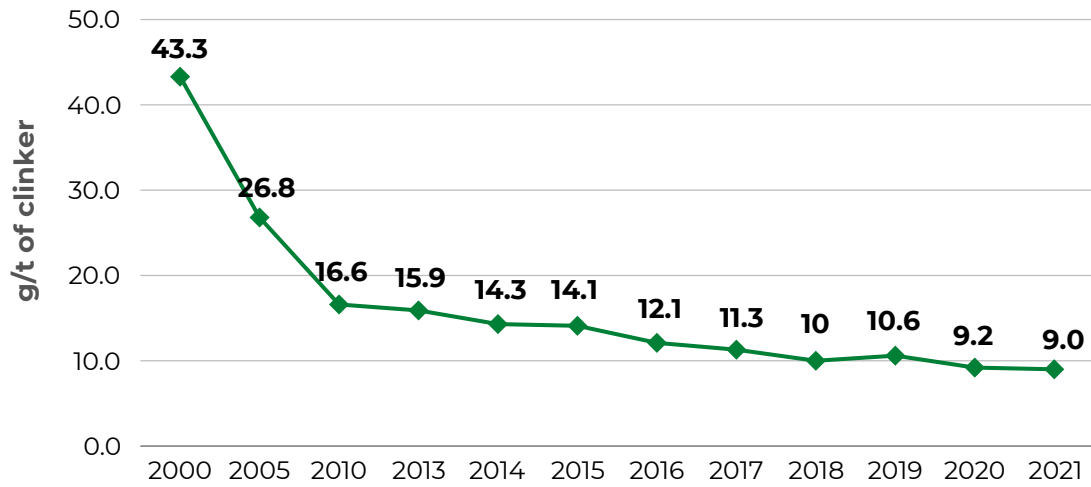


UPDATE 2021 DATA: FOSSIL FUELS USE IN THE EU

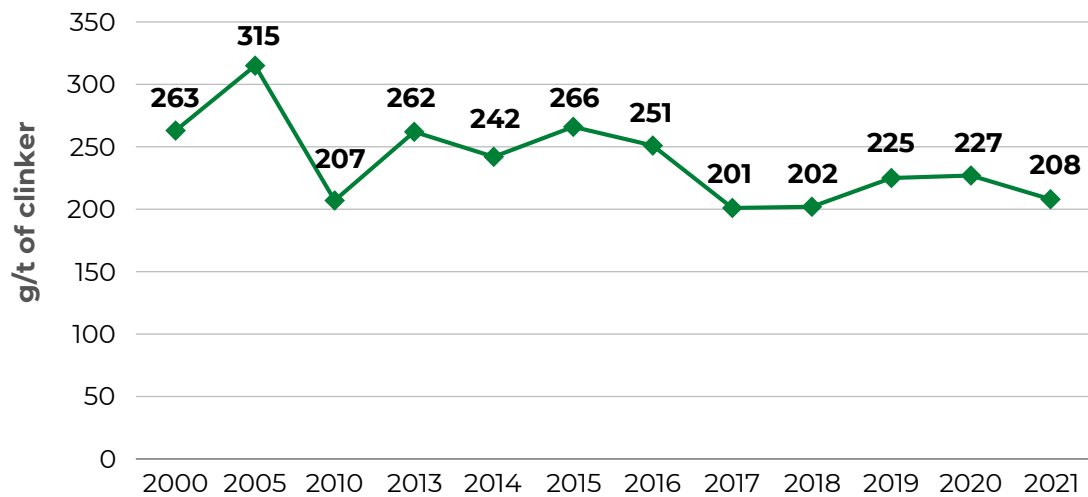


EMISSIONS DUST-SO₂-NO_x / CLINKER PRODUCTION

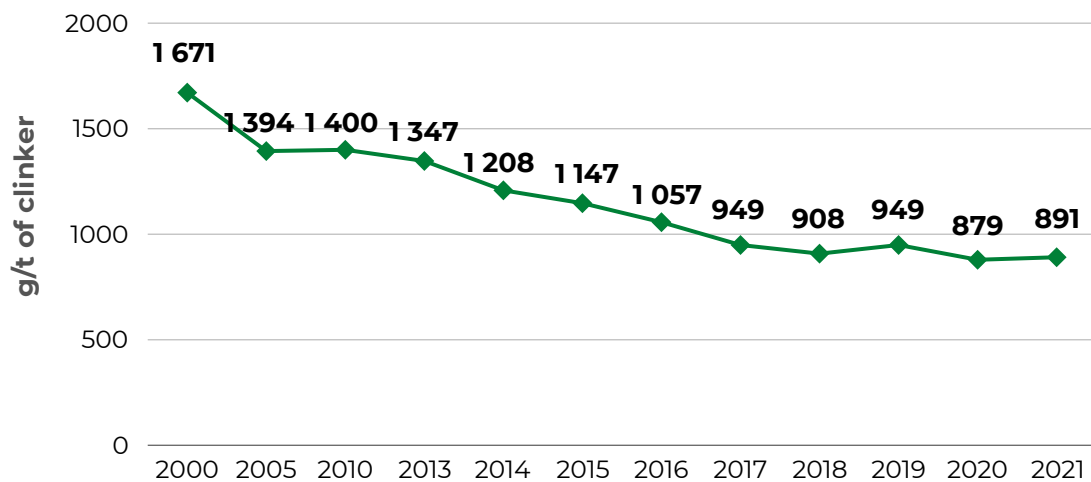
Dust emission/clinker production



SO₂ emission/clinker production



NO_x emission/clinker production



SAFETY KPI

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

