



CEMBUREAU KEY FACTS & FIGURES

PRODUCTION - CONSUMPTION - EMISSIONS - SAFETY

KEY FACTS & FIGURES

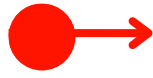
Source: CEMBUREAU data collection unless stated otherwise

PRODUCTION & CONSUMPTION



2021 production

182.5 Mt



CEMBUREAU
The European Cement Association

195Mt



4.3Bt

Source: International Cement Review



2021 Consumption

170.5Mt



CEMBUREAU
The European Cement Association

188Mt

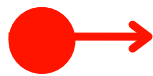


Per capita

381Kg



Plants



260

Source: GCCA

TURNOVER 2020

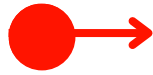


Cement + clinker



20.1 B€

Concrete + mortar



62.5 B€

Construction



1,602 B€

Source: Eurostat

EMPLOYMENT 2021



JOBS

(directly employed)



CEMBUREAU
The European Cement Association

39,258

CONSTRUCTION

13.9 M

Source: Eurostat

GROSS VALUE ADDED 2020



Cement + clinker



7.3 B€

Concrete + mortar



18.7 B€

Construction



659.8 B€

Source: Eurostat

EMISSIONS



CO₂

**EMISSIONS
REDUCTION**



Per tonne
cementitious /
gross

1990-2020

2005-2020

-14%

-7%

Per tonne
clinker (EU-ETS
benchmark)

1990-2020

2005-2020

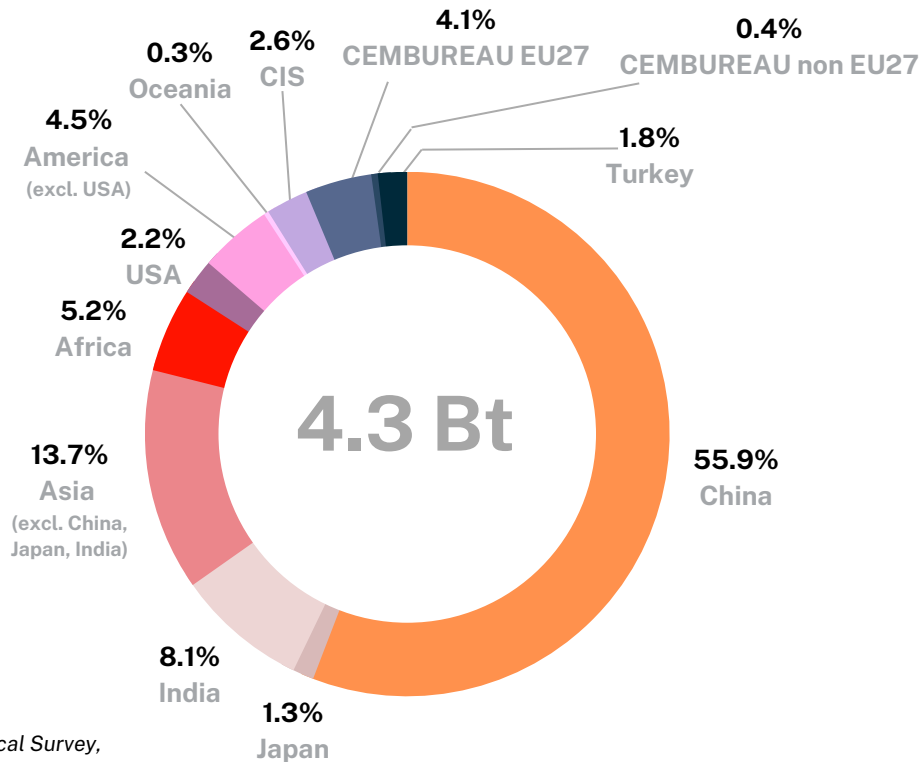
-11%

-7%

Source: GCCA

PRODUCTION - CONSUMPTION

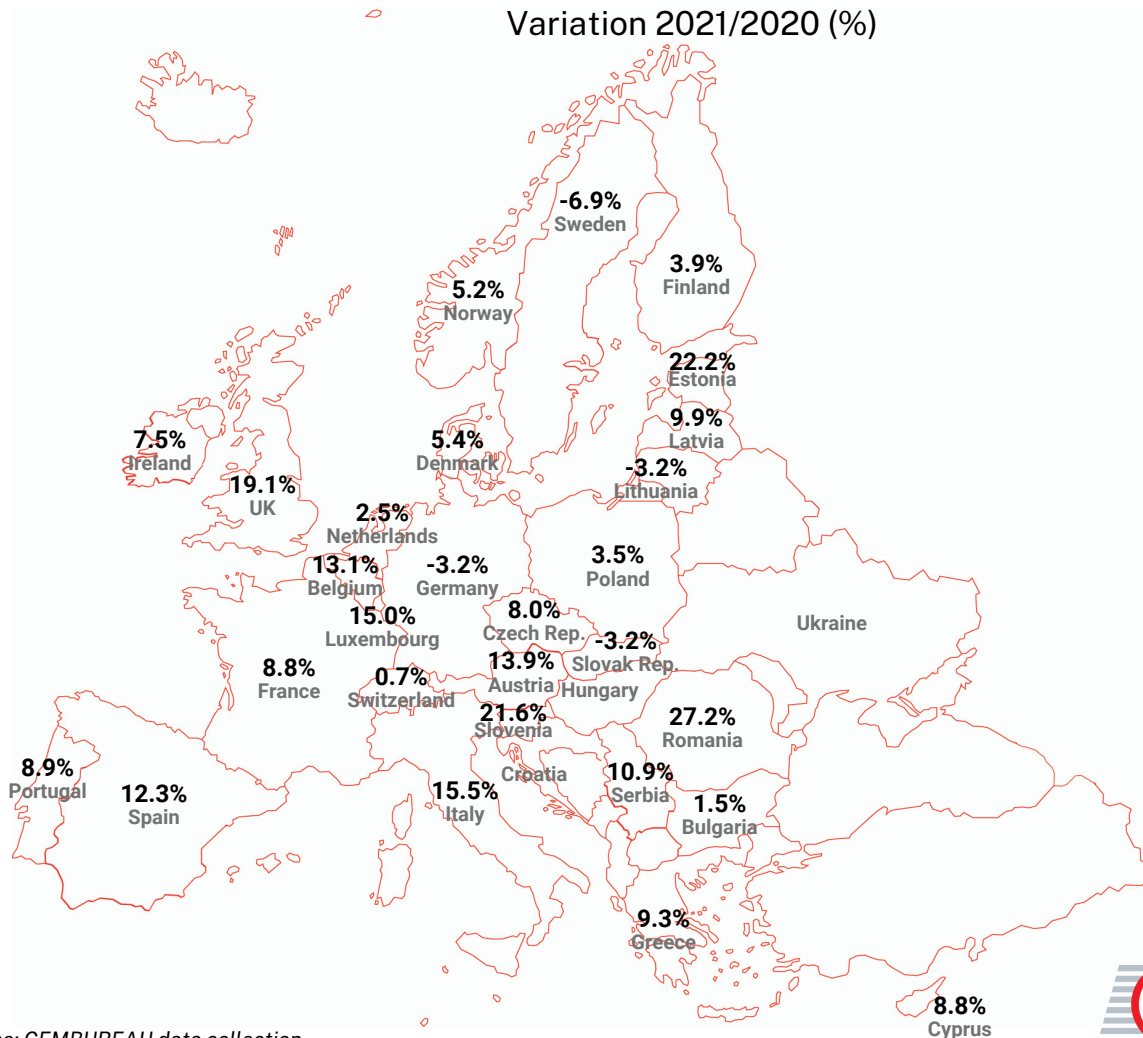
WORLD CEMENT PRODUCTION IN 2021



Sources: CEMBUREAU, US Geological Survey, Global Cement Report, Global Cement Directory

EVOLUTION OF CEMENT CONSUMPTION IN CEMBUREAU COUNTRIES

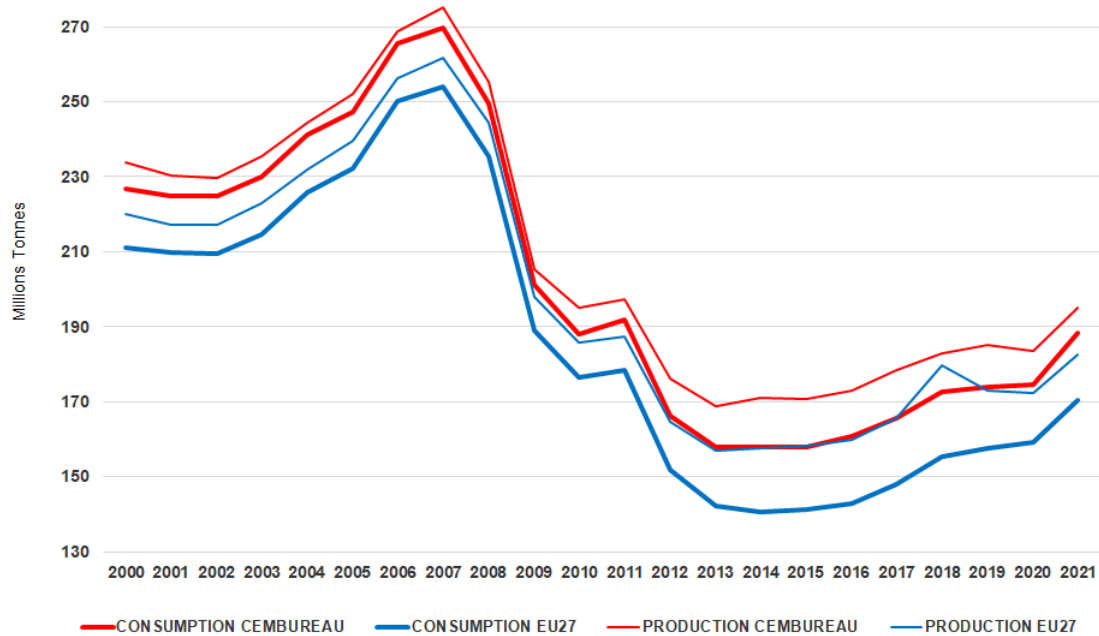
Variation 2021/2020 (%)



Source: CEMBUREAU data collection

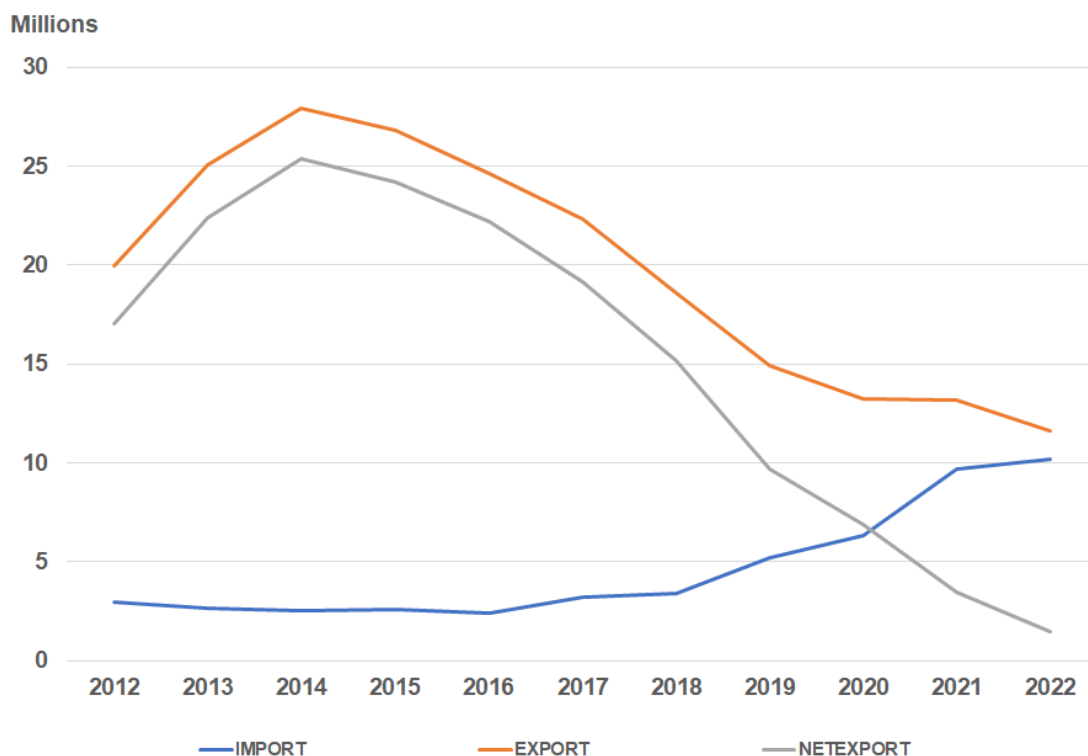
PRODUCTION - CONSUMPTION IMPORT - EXPORT

CEMENT PRODUCTION & CONSUMPTION EU 27 & CEMBUREAU / 2000-2021



Source : CEMBUREAU data collection

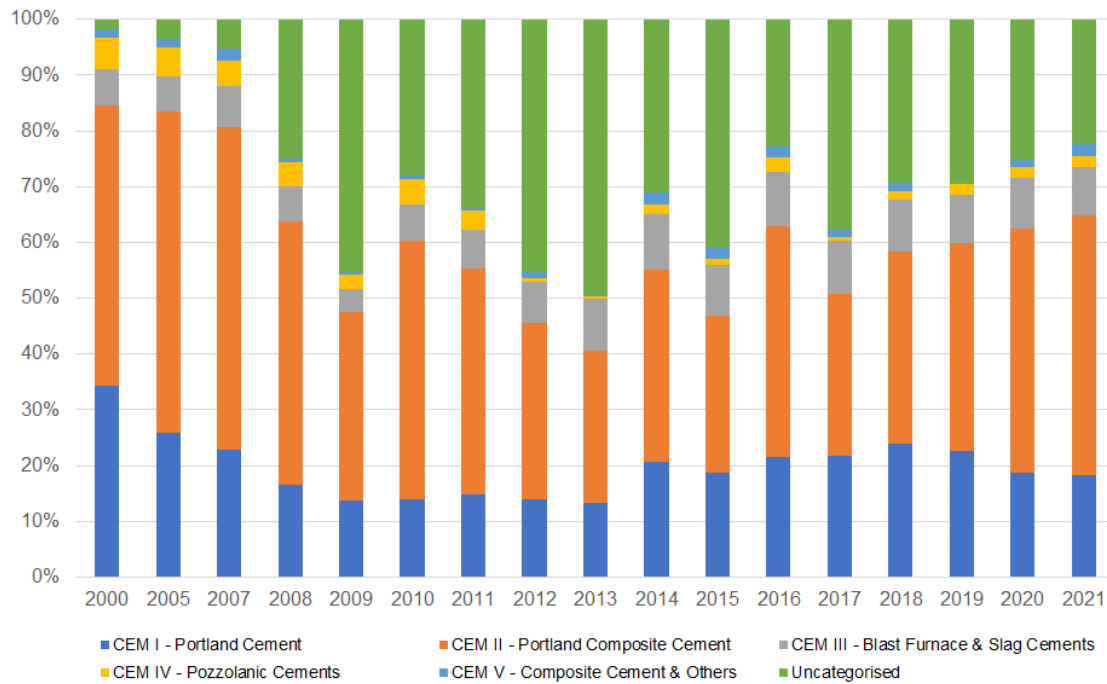
CEMENT+CLINKER IMPORT/EXPORT AT EU27 BORDER



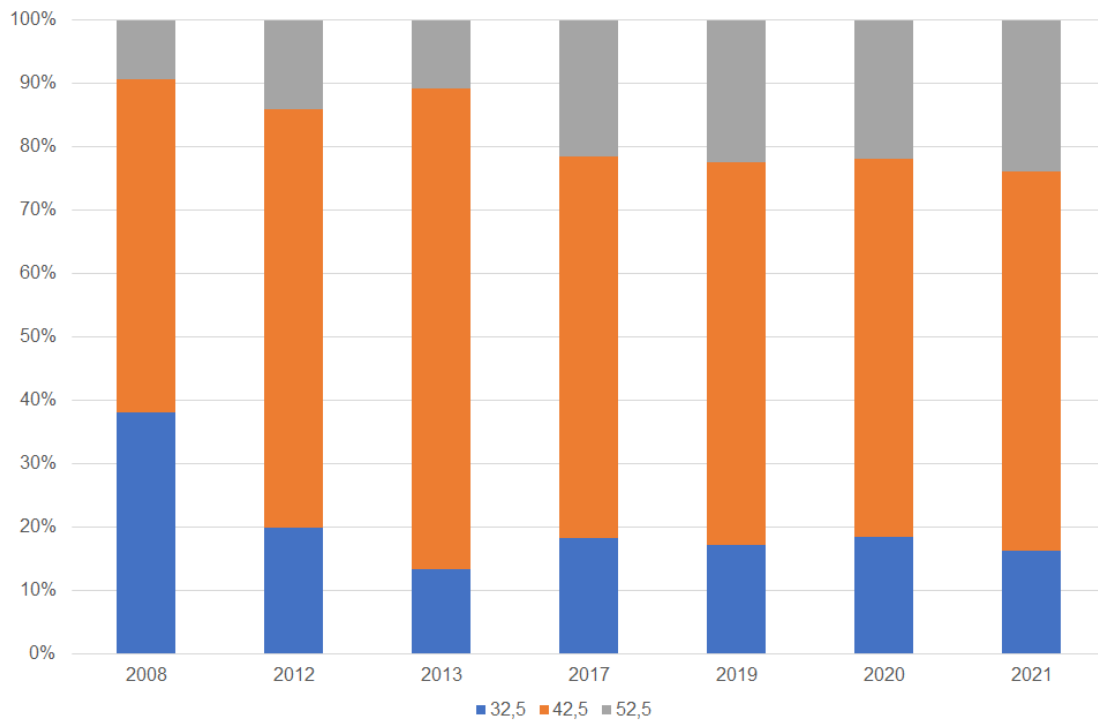
Source: Eurostat

PRODUCTION TYPES - STRENGTHS

CEMENT TYPES - DOMESTIC DELIVERIES - EU27

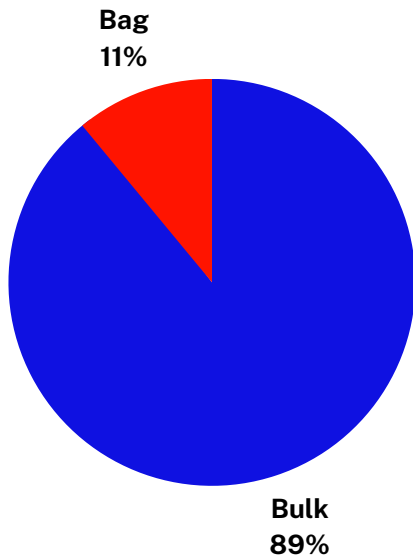


CEMENT STRENGTHS - DOMESTIC DELIVERIES - EU27

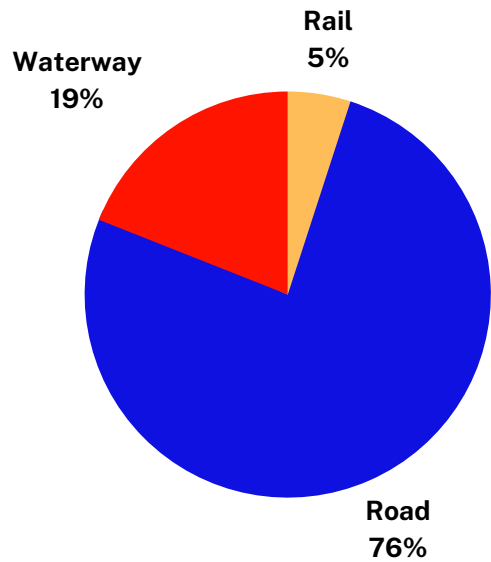


PRODUCTION LOGISTICS & APPLICATIONS

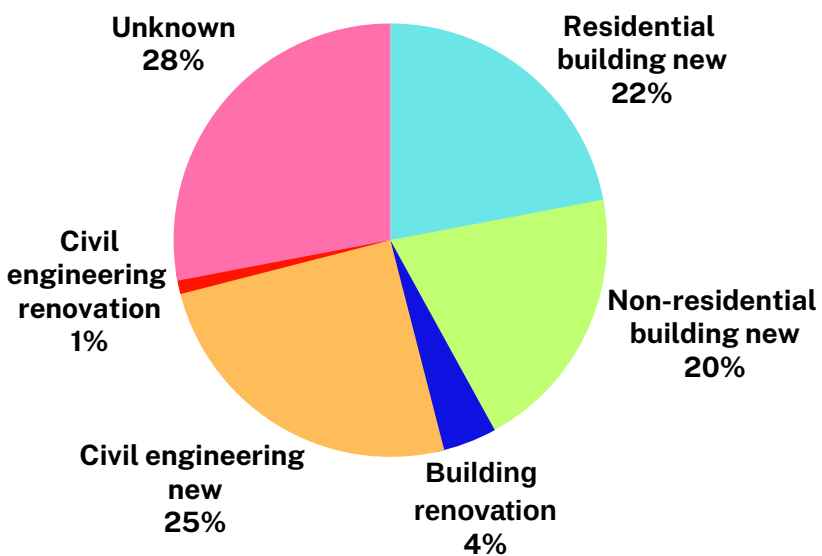
PACKAGING EU27 DOMESTIC DELIVERIES 2021



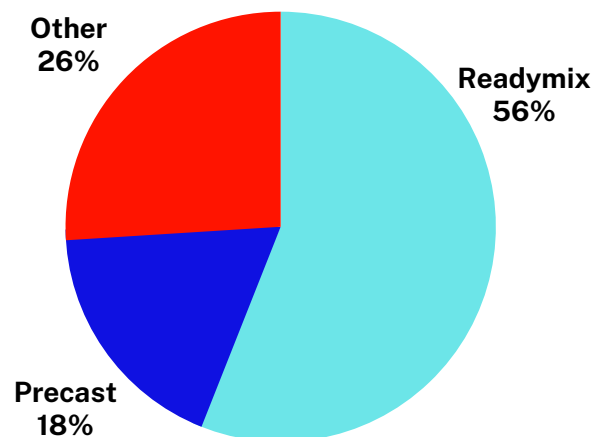
TRANSPORT MODES EU 27 DOMESTIC DELIVERIES 2021



END USES EU27 CEMENT CONSUMPTION 2021

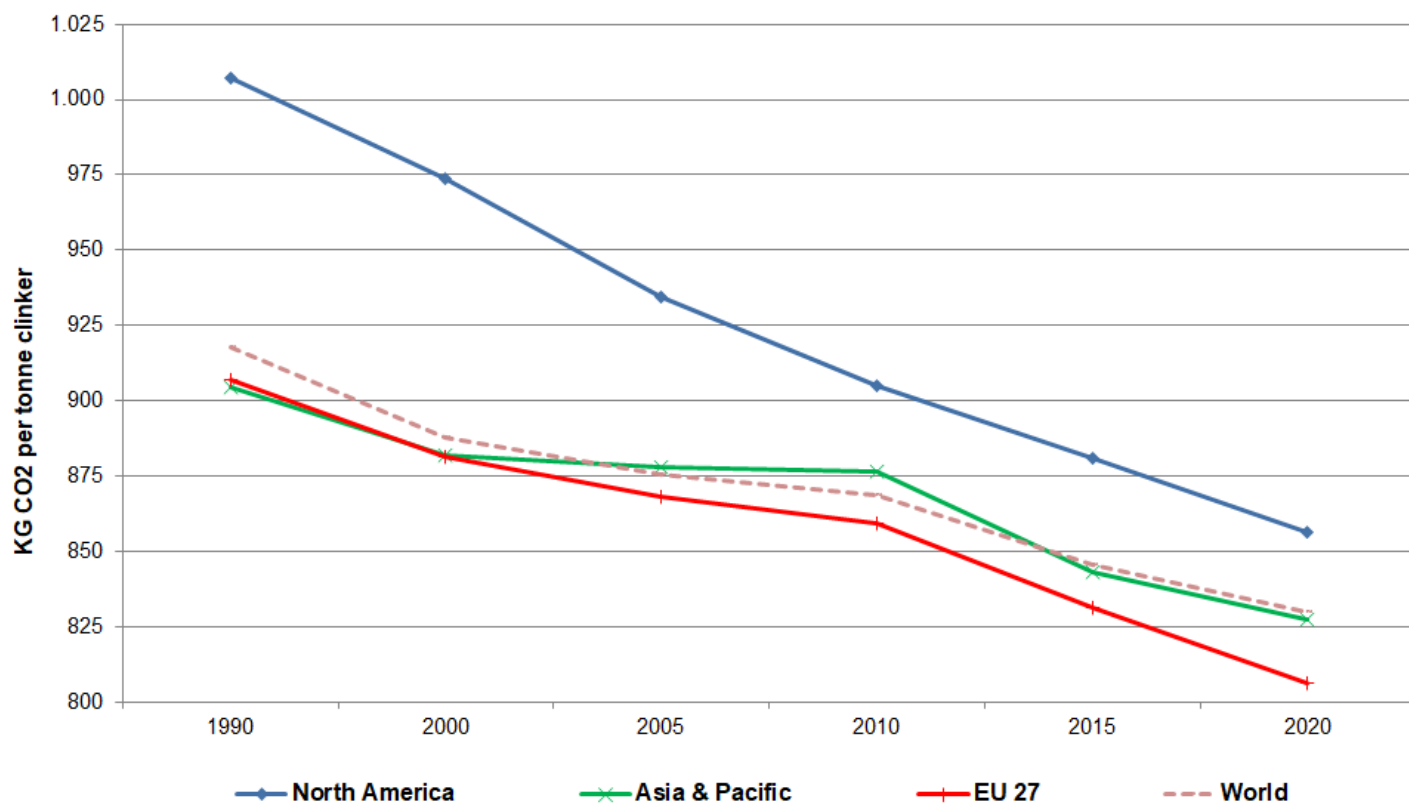


END USERS EU27 DOMESTIC DELIVERIES 2021

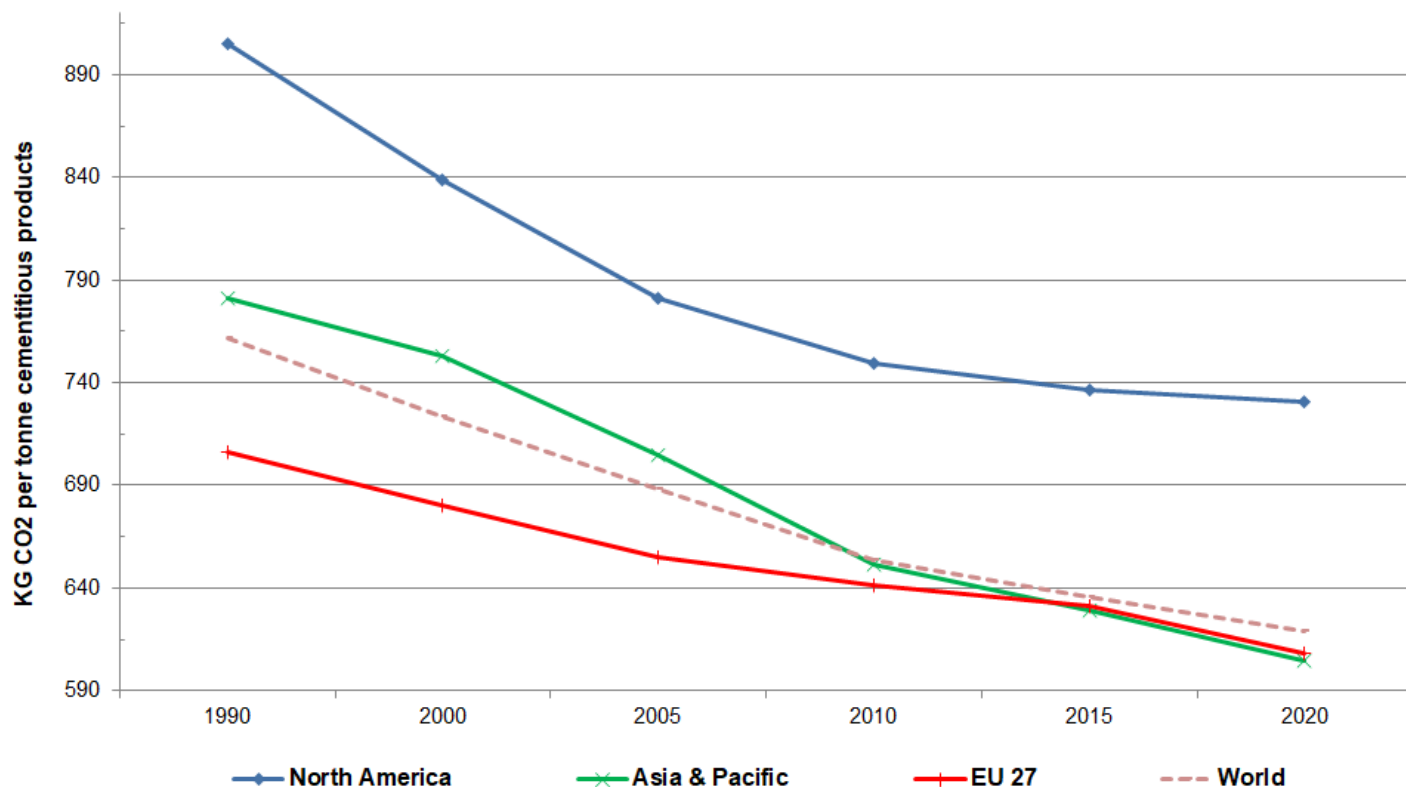


GROSS EMISSIONS GREY CLINKER - CEMENTITIOUS PRODUCTS

EMISSIONS GREY CLINKER

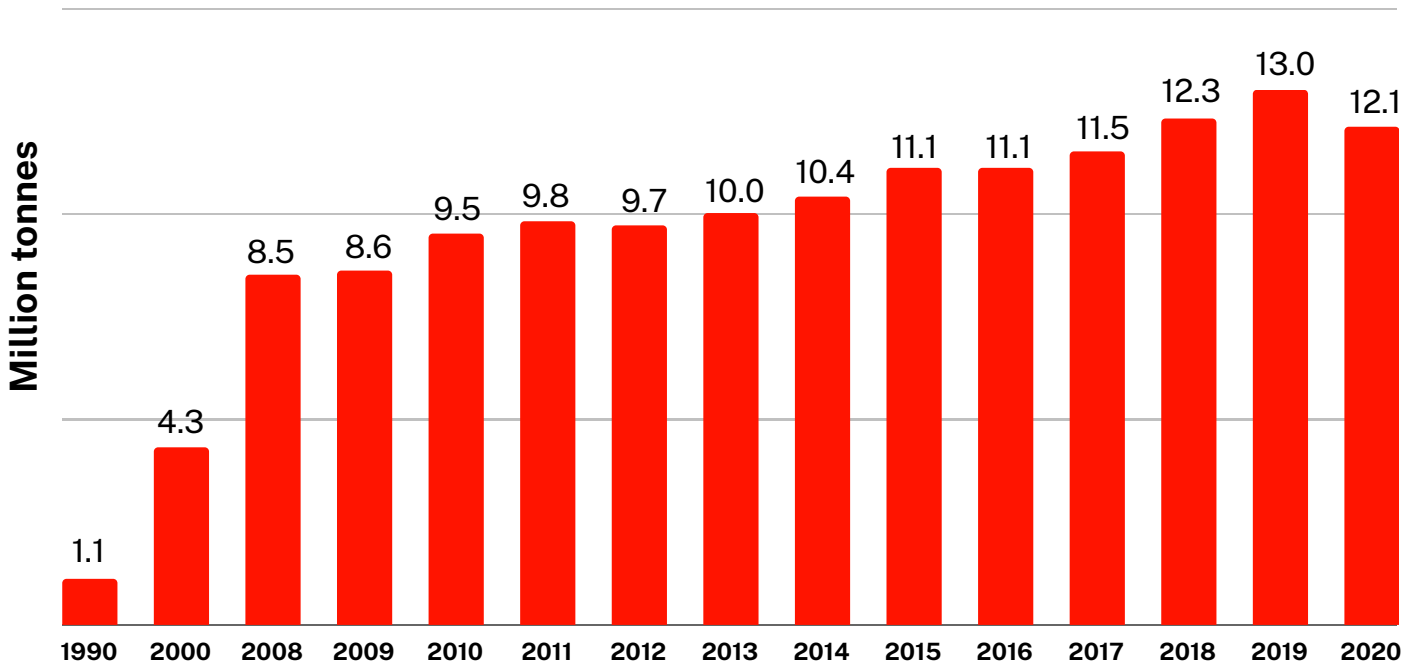


EMISSIONS CEMENTITIOUS PRODUCTS (GREY & WHITE)

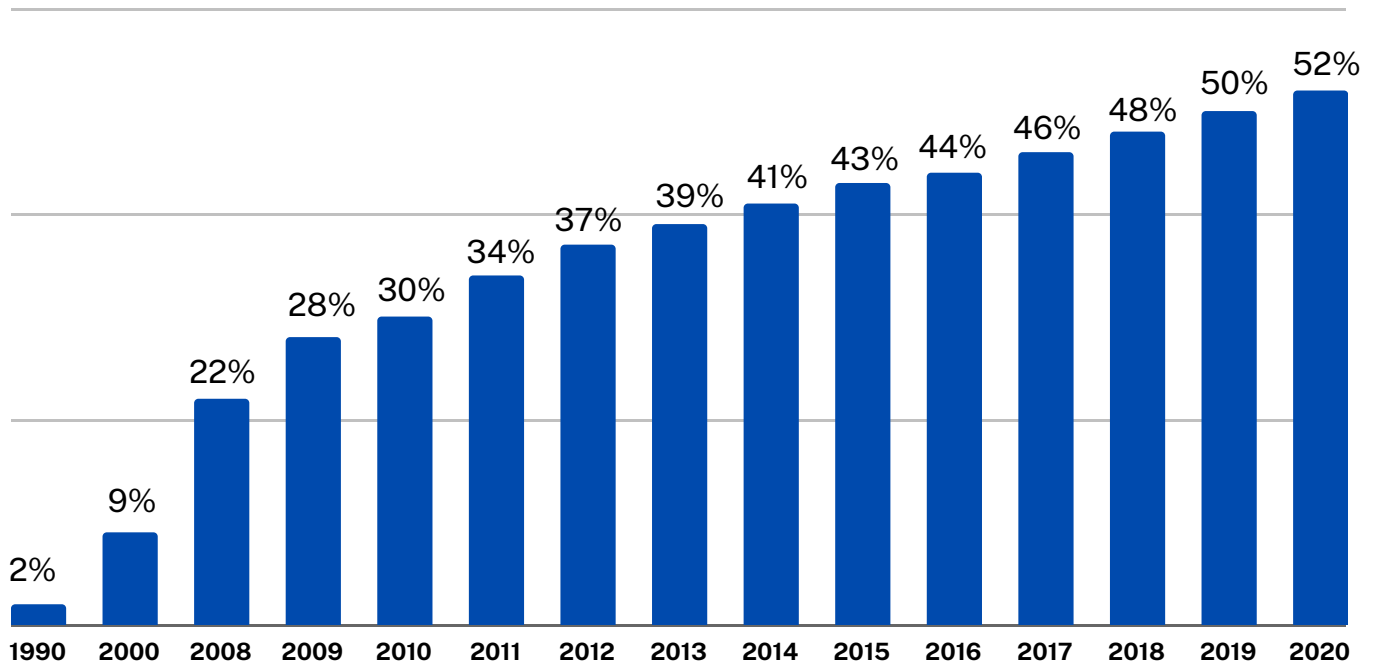


EMISSIONS CIRCULAR WASTE FUELS

CIRCULAR WASTE FUELS IN THE CEMENT SECTOR IN THE EU

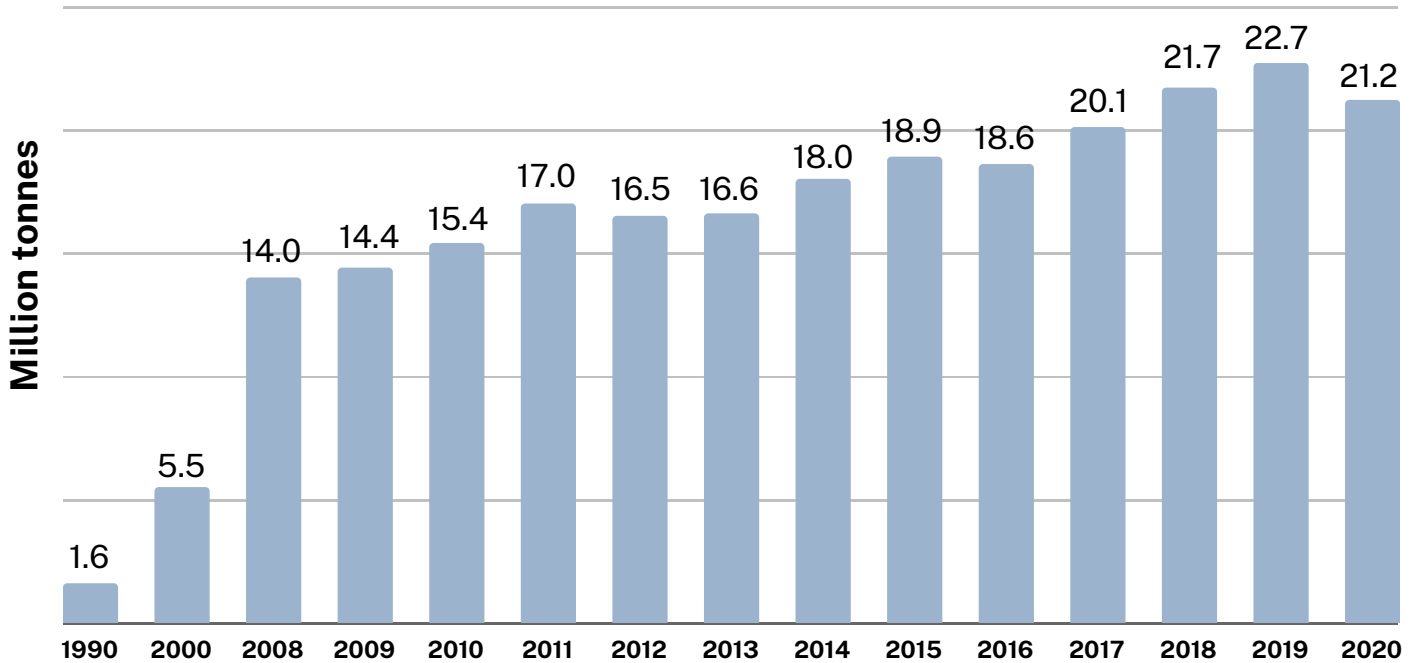


% OF THERMAL ENERGY FROM CIRCULAR WASTE FUELS IN THE CEMENT SECTOR IN THE EU



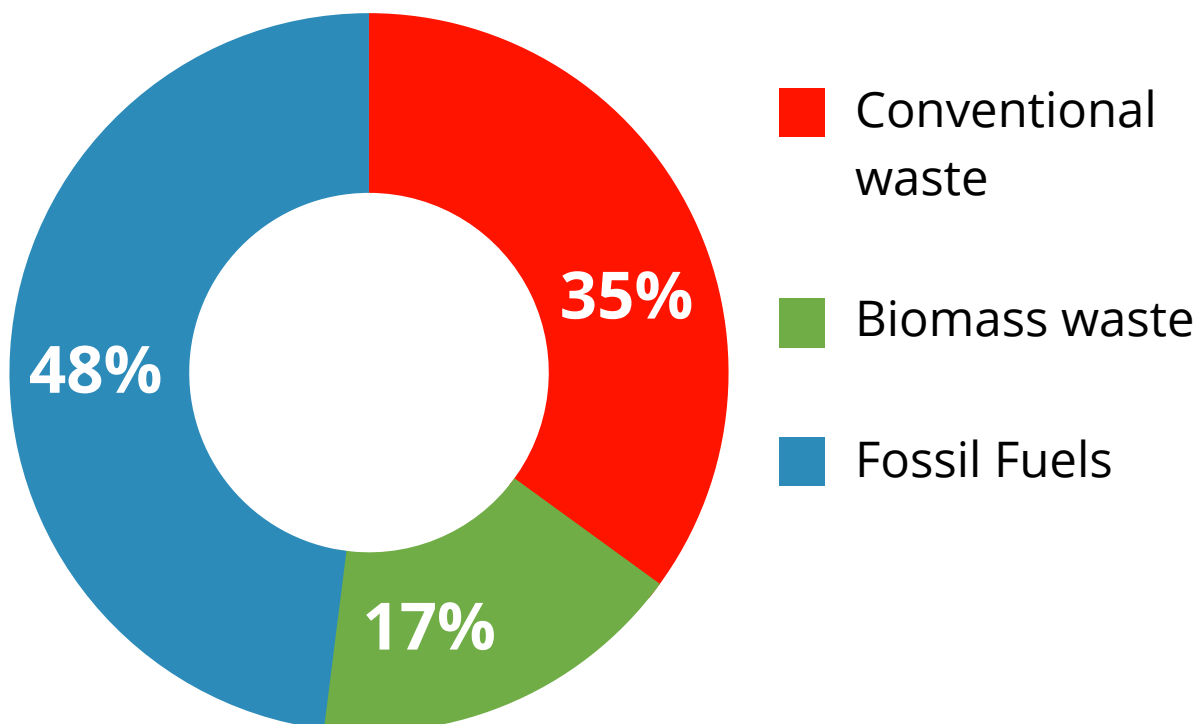
EMISSIONS CIRCULAR WASTE FUELS

CO2 EMISSIONS AVOIDED BY USING CIRCULAR WASTE FUELS IN EU



Source: Global Cement & Concrete Association (GCCA)

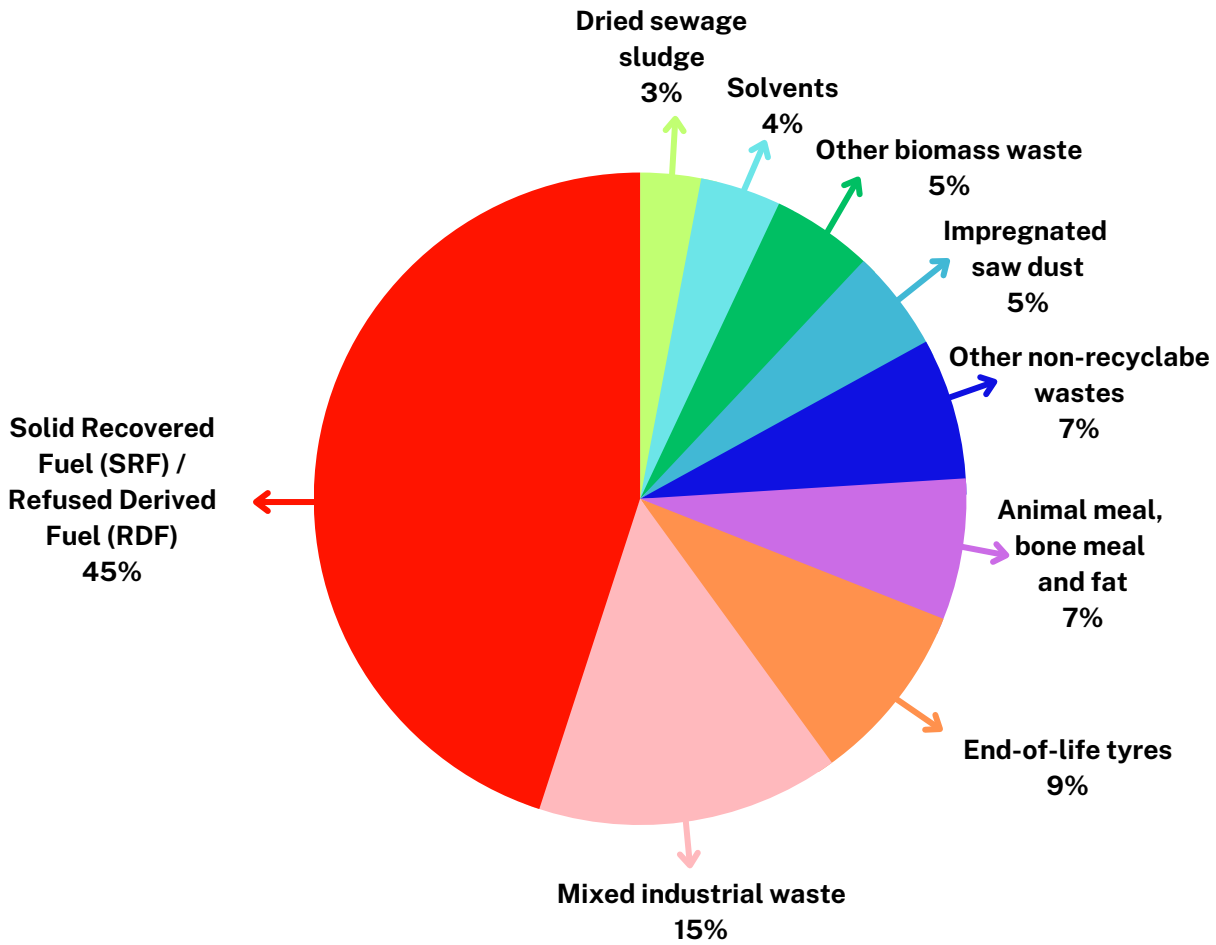
THERMAL ENERGY CONSUMPTION BY FUEL TYPE FOR THE YEAR 2020



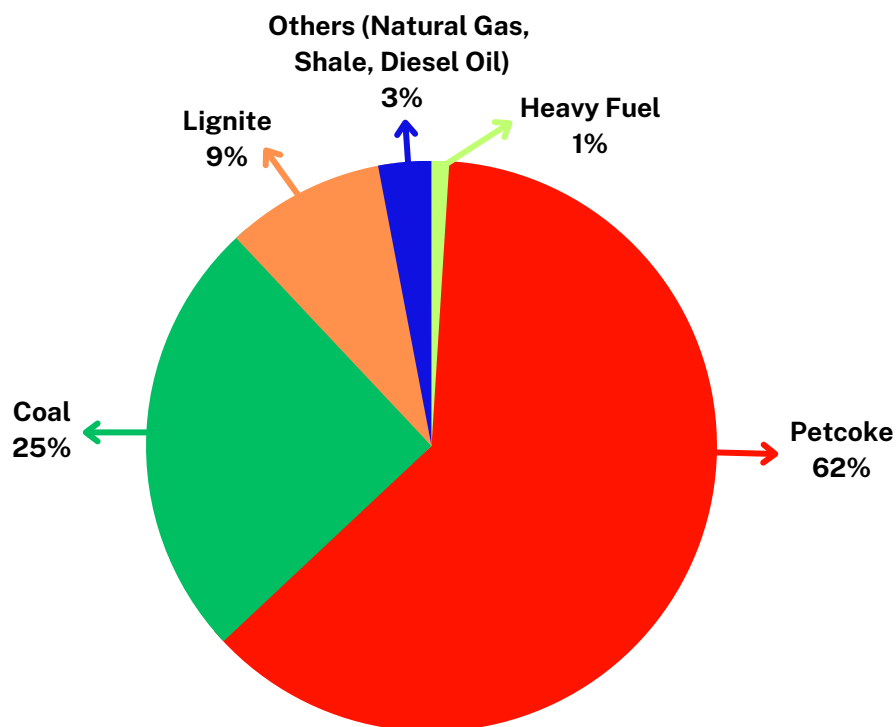
Source: Global Cement & Concrete Association (GCCA)

EMISSIONS CIRCULAR WASTE FUELS VS. FOSSIL FUELS

BREAKDOWN OF CIRCULAR WASTE FUELS 2020 IN THE EU

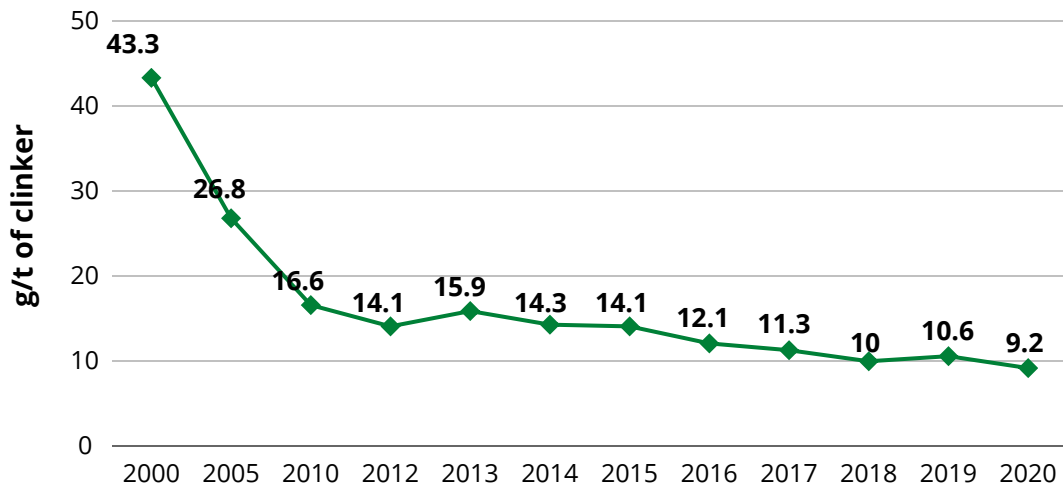


UPDATE 2020 DATA: FOSSIL FUELS USE IN THE EU

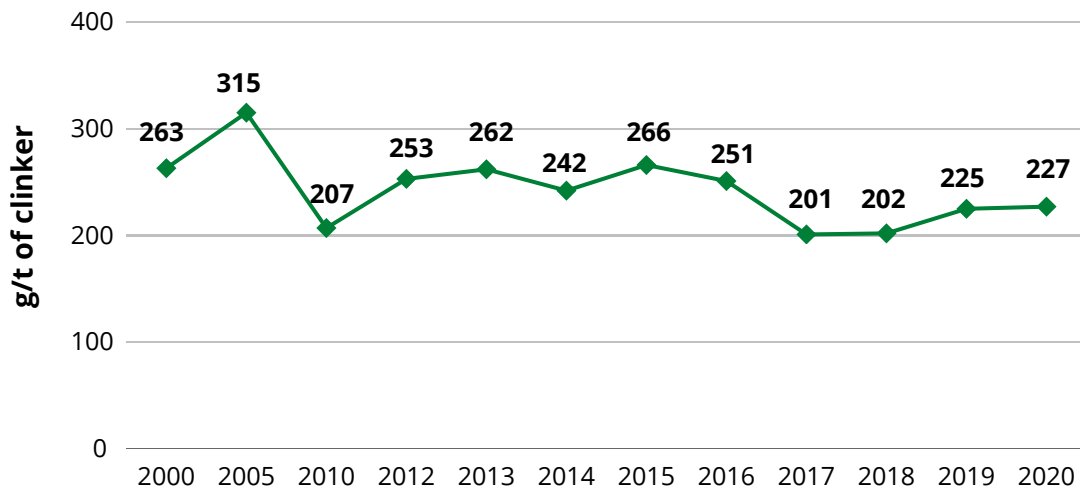


EMISSIONS DUST-SO₂-NO_x / CLINKER PRODUCTION

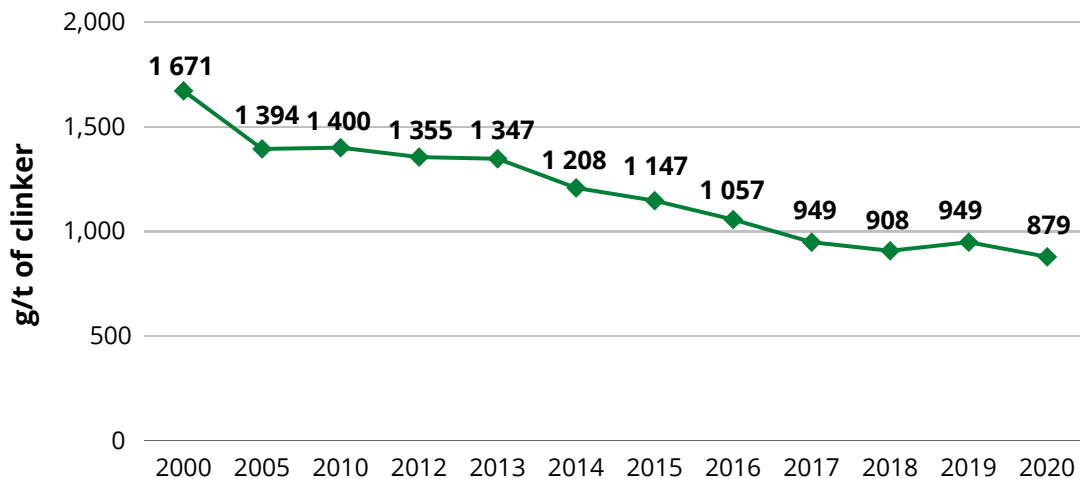
Dust emission/clinker production



SO₂ emission/clinker production



NO_x emission/clinker production



SAFETY KPI

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

