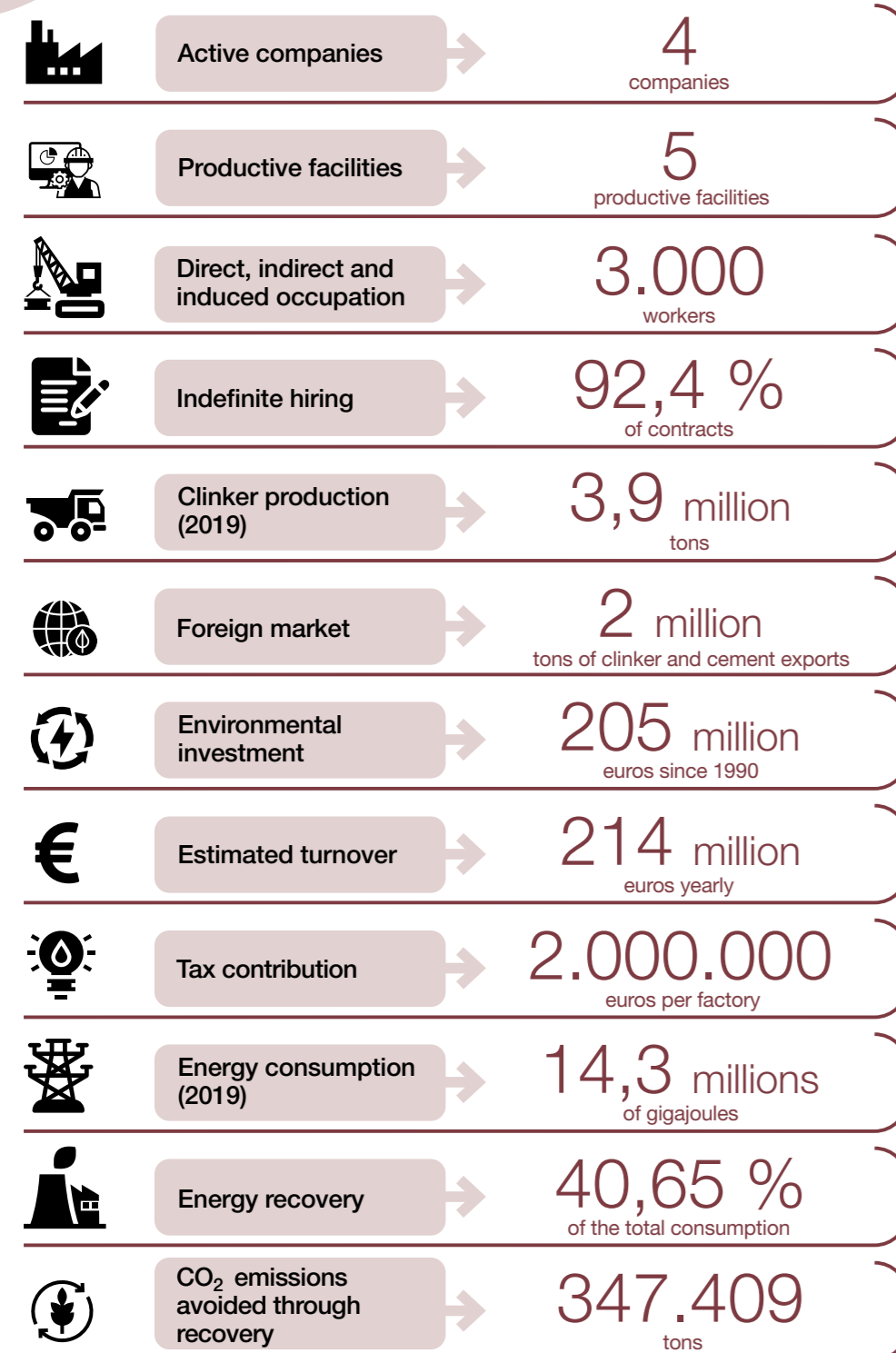


X-RAY TO THE CATALAN CEMENT INDUSTRY

Dimensions, volume and capacity, socioeconomic influence and investment for the protection of natural areas of the industry that manufactures the most sustainable construction material: cement.



2020 ACTIVITY REPORT

ABOUT US

Ciment Català is the entity that brings together all the companies with an integral cement production factory in Catalonia.

OBJECTIVES

- Social responsibility and Sustainability.
- The quality and good use of the product.
- Dissemination of technical knowledge.

ACTIVITIES

- Representation before the Public Administrations.
- Preparation of studies and reports.
- Promotion of Sustainability.

THE CEMENT

Due to its properties and applications, it is the product that contributes the most to development and to making the planet habitable. Cement is synonymous with progress.

+ Info
versió en català:



+ Info
versión en español:



+ Info
english version:



València 245, 3r 5a - 08007 BARCELONA
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A year marked by the COVID-19 pandemic, which wreaked havoc on society and the economy due to the restrictions on activity derived from successive lockdowns. However, the factories were able to maintain cement supplies for all the works in progress, without ever causing a material shortage.

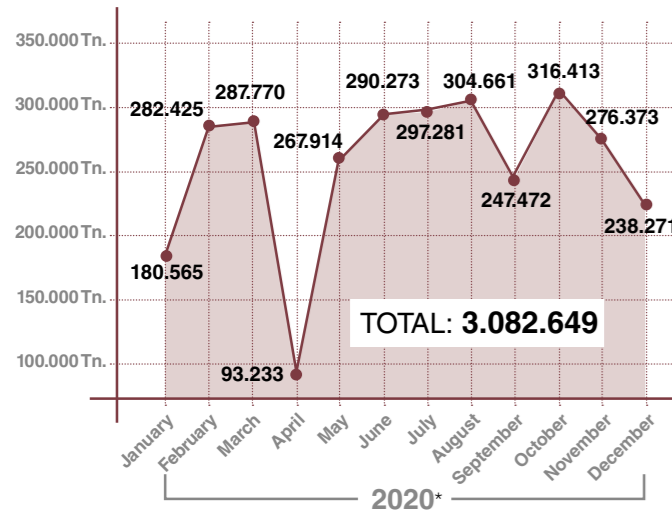


SECTORAL BREAKDOWN



Cement production

A slight increase of 3%, reaching 3,08 million tons despite the cessation of activities decreed by the Government for the first half of April.

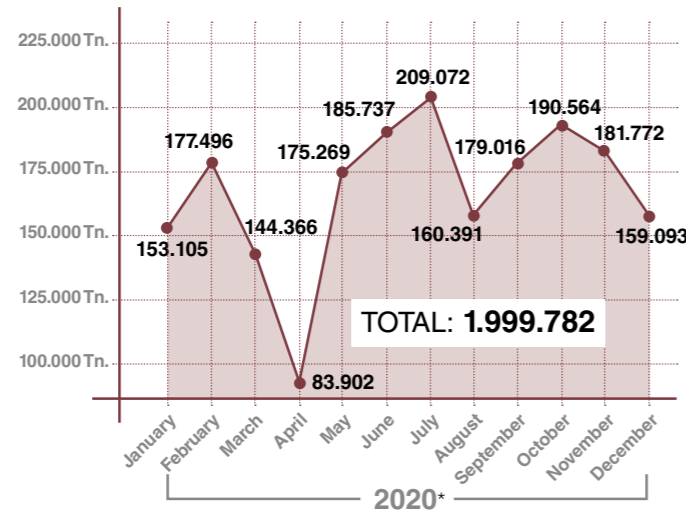


Note: Quantities in tons. * Provisional data
Source: Oficemen



Cement consumption

A 10,6% drop in domestic market consumption, to a total of 2 million tons, which historically corresponds to those consumed in 1968.



Note: Quantities in tons. * Provisional data
Source: Oficemen



Foreign market

After 4 consecutive years of decline, exports from Catalan factories increased by 10%, reaching 2 million tons.

	2020*
Exports	1.977.253
Imports	89.434

Note: Quantities in tons. * Provisional data
Source: Oficemen



Employment and induced economic activity

The drop in activity due to confinements and restrictions on mobility by the pandemic, caused a decline in the volume of employment in the sector, which, as a whole, reached an 8%.

Number of employees evolution		
Year	2020	Var.
Direct employment	448	-4%
Indirect employment	447	-11%
Total employment	895	-8%

Source: Oficemen

SUSTAINABILITY REPORT

Energy recovery

Energy recovery from waste has increased for another year, reaching 41% of the total energy (in terms of heat) consumed in cement kilns. This has allowed to reduce the CO₂ emitted into the atmosphere by more than 347 thousand tons.

WASTE TYPE	2020	Variation 2019
Plant biomass (industrial of agricultural origin, pineapple, olive bones, industrial of agricultural origin, shell, energy crops, untreated wood)	41.518	0%
RDF-MSW	159.000	15%
Animal meal	40.728	5%
Urban wastewater sludge	6.450	18%
Wood (wood processing cuts, bulky waste, packaging, construction and demolition waste, sleepers, urban and landscape elements)	22.164	47%
TDF	14.759	-54%
Total	284.620	4%
% energy substitution	41%	16%
Avoided t of fossil CO₂	347.409	10%

Note: Quantities in tons.
Source: Generalitat de Catalunya

Environmental investments

During 2020, these investments exceeded 3,5 million euros, adding up to more than 205 M€ in the last 3 decades. Almost a third of them were dedicated to improving visual impact, an aspect highly valued by citizens.

INVESTMENT DESTINATION	IMPORT
Particulate matter emission reduction at localized sources (chimney emissions)	355.493
Prevention and reduction of atmospheric particulate emissions from material storage, handling and transportation operations	143.142
Nitrogen oxides (NO _x) and sulfur (SO ₂) emission reduction	291.478
Sound emission reduction	176.000
CO ₂ saving through recycling and recovery of waste in the manufacture of cement through the use of alternative raw materials (material recovery)	109.350
CO ₂ saving through recycling and recovery of waste in the manufacture of cement through the use of alternative raw materials (energy recovery)	789.325
Odour emission reduction	66.725
Visual impact	1.025.008
Environmental effect control	140.473
Energy efficiency	348.289
Biodiversity	95.943
Total	3.541.227

Note: quantities in €

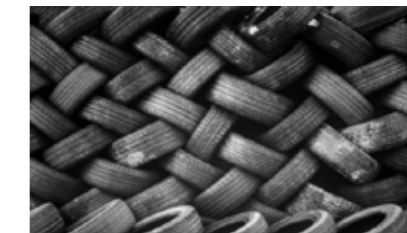
Material recovery

Savings in consumption of natural resources for the production of clinker came close to 74 thousand tons during 2020 thanks to the use of waste or by-products. The use of 114 thousand tons of this type of material, represent an increase of 6% over the previous year.

WASTE TYPE / BYPRODUCT	2020	Variation 2019
Casting sands	0,62	100%
Cement grinding ashes	23.658	-43%
Dehydrated sludge	806	-91%
Carbonated sludge (industrial waste)	6.461	149%
Sands contaminated with hydrocarbons	978	405%
Concrete waste	4.477	-12%
Iron waste (iron silicate)	0	-100%
Other alternative raw materials	5.845	-63%
Iron shavings	26.136	0,3%
Granular slag	27.328	100%
White slag from steel industry	759	100%
Thermal slag	3.178	100%
Industrial rock waste, ornamental and derived from crude oil	14.959	100%
Total	114.585	6%
% materially recovered raw material	1,9%	3%
tons avoided from the exploitation of natural resource	73.909	-9%

Note: Quantities in tons.
Source: Generalitat de Catalunya

2020 MAIN EVENTS



THE PARLIAMENT OF CATALONIA RATIFIES THE ENERGY RECOVERY OF WASTE IN CEMENT FACTORIES

At the Plenary Session held on March 5, the Catalan Chamber of Deputies endorsed the energy recovery from waste by a large majority.



ADHERENCE TO THE COMMITMENTS OF THE CATALAN CLIMATE ACTION SUMMIT

Ciment Català will reduce emissions, prevent commuting and boost the energy transition, among other actions.



FULL COMPLIANCE WITH EMISSIONS-RELATED TARGETS

The Generalitat certifies the achievement of a 100% compliance in all the atmospheric emission limit values.



THE CEMENT INDUSTRY PROPOSES TO MAINTAIN THE ACTIVITY IN CONSTRUCTION AS THE FORMULA TO RECOVER THE ECONOMY

Cement companies believe that this is the best formula for national economy recovery.



PRIOR ANALYSIS ON THE FEASIBILITY OF USING MOR

The study of the material and energetic recovery of the Bio-dried Residual Organic Matter from Ecoparks.



INSTITUTIONAL ACTIVITY FOR THE RESTART OF POST-CONFINEMENT ACTIVITY

Telematic working meetings with the councilors of the Generalitat **Àngels Chacón** and **Jordi Puigneró**.



THE SPECTACULAR VIDEO ABOUT CONCRETE, AVAILABLE IN CATALAN

Concrete is more than just a building material. It is the most widely used artificial product on the planet.



THE AGGREGATES ADVISORY COUNCIL LOWERED THE EXPECTATIONS OF RECOVERY

The working group with the Generalitat foresees a significant drop in public tender during 2020 due to the health emergency.



THE CEMENT SECTOR ENSURES SUPPLY DURING THE HEALTH EMERGENCY

The Catalan cement industry implements protection protocols for its employees, which include teleworking in all areas.