



4th MAY 2023

10.00 AM

Rome

*Auditorium Donat Cattin
Via Rieti, 13*

**POWERFUL
AUTOMATED,
DIGITAL and
VERIFIED
SOLUTIONS for
SUSTAINABLE
ROADS and
HIGHWAYS**

Promoted by the Program operators
EPDItaly and EPD Norway,
by LCA.no with the collaboration
of ICMQ and the Norwegian embassy
in Italy

CONFERENCE

POWERFUL AUTOMATED, DIGITAL and VERIFIED SOLUTIONS
for SUSTAINABLE ROADS and HIGHWAYS



Sustainable Concrete

Marco Borroni

ERMCO President

ERMCO

European Readymix Concrete Organization

The voice of the ready mixed concrete associations since 1967

www.ermco.eu

ERMCO
EUROPEAN READY MIXED CONCRETE ORGANIZATION

Concrete Europe

The backbone of sustainable construction

www.concrete-europe.eu

 Concrete
Europe

“
**Most used building material since
Ancient Rome..**

..Liquid Stone..

**..Most widely used material after
water..”**

What about sustainability?

Sustainability

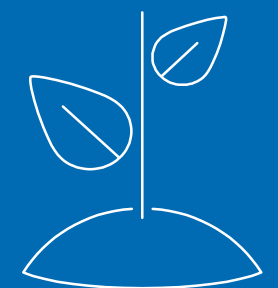
“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs” (Bruntland report, 1987)



SOCIAL: safeguard human beings



ECONOMICAL: safeguard human activities



ENVIRONMENTAL: safeguard environment

Concrete Sustainability Council

Full Value chain and certification for responsibly sourced concrete; *at company level*

M – Management

E – Environmental

S - Social

www.csc.eco

www.concretesustainabilitycouncil.org

Responsible sourcing certificate for concrete and its supply chain

Date of issue: 29-09-2020
Expiration date: 29-09-2023
Update: 12-10-2021

Certification Body

 **ICMQ**
ICMQ S.p.A.
Via G. De Castella, 10
20124 Milano
ITALY

tel: + 39 02 7015081
fax: + 39 02 70150814
icmq@icmq.org
www.icmq.org


Il Direttore Generale
General Manager
Ing. Lorenza Orsini


GOLD
410-CSC19-2018

Hereby is being declared that:
Unical S.p.A. - Orbassano (To) - Ready Mixed Concrete

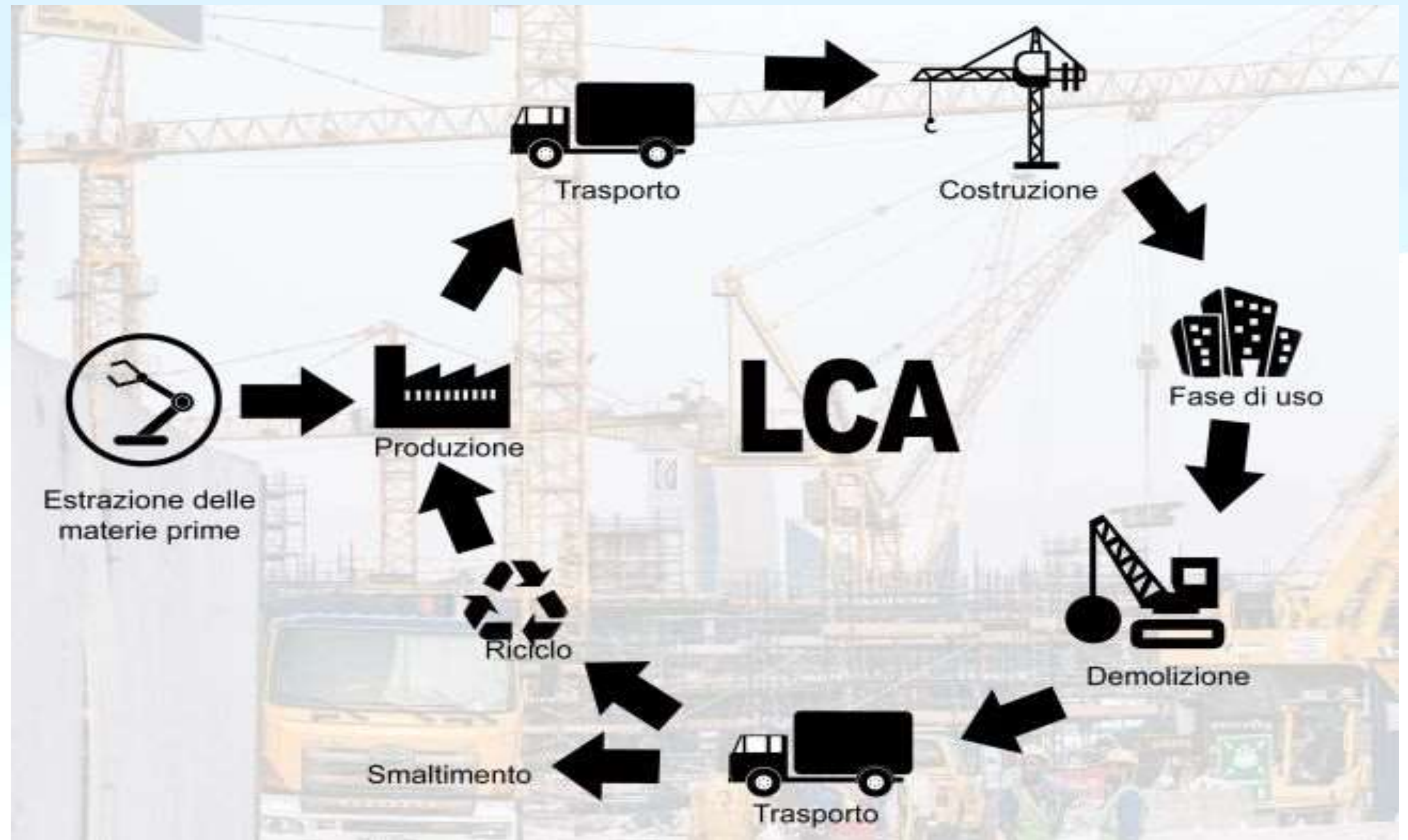
Via San Luigi 20, 10043 Orbassano, Italy

has been assessed according to:
Concrete Sustainability Council (2019) (Concrete) 2.0 English

Questo certificato attesta la conformità ai requisiti del Concrete Resourcing Sustainability Scheme Indicato e alle evidenze addizionali stabilite dal Regional System Operator Federbeton. Il certificato è valido fino al periodo di scadenza indicato, a meno che intervengano variazioni rispetto ai dati e alle informazioni fornite dal titolare del certificato a ICMQ o qualora sia ICMQ a sospenderlo o revocarlo nei casi previsti.

This certificate attests to the compliance with the requirements of the Concrete Resourcing Sustainability Scheme established by Regional System Operator Federbeton. The certificate remains valid until the expiry date indicated, unless changes occur with respect to the data and information provided by the certificate holder to ICMQ or if it is ICMQ to suspend or revoke it in the foreseen cases.

Life cycle sustainability



Material Neutrality

Performances, not prescriptions.

At product level



Dichiarazione ambientale di prodotto
Calcestruzzo preconfezionato - EL40001 - Techbau SpA - Cantiere Polo Logistico Teddy - Gatteo (FC)



Registration N°:
EPDITALY0083

Based on:
PR EN 12620:2016/15/02 7.1
In compliance with:
EN 15804:2018 +A1
ISO 14025

Date of issue:
23/07/2019

Location of production site:
SAVIGNANO

Update e Versioni:
23/07/2019 0

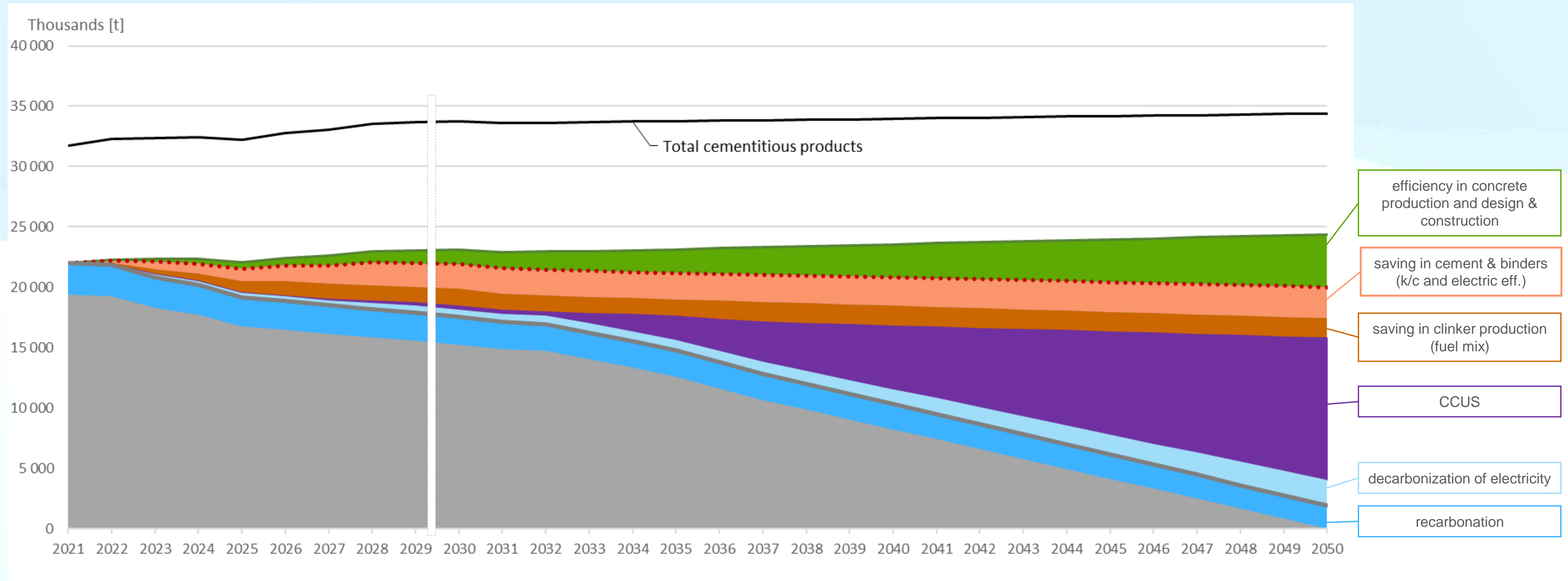
Valid until:
23/07/2024



ABSOLUTE EMISSIONS scope1 GROSS + scope2 – [t CO₂]

breakdown by levers including electricity

decarbonization: **GCCA Roadmap**



EU Taxonomy

The Taxonomy Regulation establishes six environmental objectives:

- Climate change mitigation
- Climate change adaptation
- The sustainable use and protection of water and marine resources
- The transition to a circular economy
- Pollution prevention and control
- The protection and restoration of biodiversity and ecosystems

www. https://finance.ec.europa.eu/sustainable-finance/tools-and-standards/eu-taxonomy-sustainable-activities_en



Sustainability path

Constructions are an essential part in building a more sustainable future.

An holistic approach involving the whole value chain: owners, designers, engineers, building companies and suppliers is needed.

Cement and Concrete industries have already established goals, reporting tools and certification schemes to assure robust, affordable and transparent data.

**Thank
you!**

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