



ANNUAL REPORT 2024

Welcome to the EUPAVE Annual Report for 2024.

This year has been a period of significant activity and foundational progress for our organization. A key milestone was the development and release of our Strategic Plan 2024-2030 in October, setting a clear direction for the promotion of concrete in European transport infrastructure.

In 2024, we also organized our 9th Best Practices Workshop focusing on non-destructive auscultation and monitoring techniques, providing valuable insights into pavement performance assessment. Additionally, our webinar on load transfer systems for jointed concrete pavements attracted participants from around the world, demonstrating the growing interest in durable and efficient solutions.

In parallel, we strengthened our advocacy efforts through key publications. We released a Manifesto urging policymakers to prioritize durable and sustainable road infrastructure. Furthermore, our new leaflet, "Safe, Robust and Sustainable Road Restraint Systems – The Case for Concrete Safety Barriers," underscores the role of concrete barriers in achieving European Green Deal objectives.

This report provides a comprehensive overview of our activities, achievements, and the collective efforts of our members and partners. We invite you to explore the following sections to gain deeper insights into our work and the positive impact we are making on sustainable infrastructure.

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ADMINISTRATIVE INFORMATION

Registered office

Avenue des Arts 20
1000 Brussels

Bylaws

The bylaws of the association were modified at the Extraordinary General Assembly held on 6 December 2023.

The revised version is available in French and English. In case of differences between the two versions, the French version shall prevail.

Managing Director

In 2024, and since the Board meeting of 23 March 2009, the Managing Director was Mr. Luc Rens, Consulting Engineer at FEBELCEM.

As of 1 January 2025, Mr. Luc Rens became Technical Director.

Mr. Hervé Camerlynck, Managing Director of Febelcem, took over the role of Managing Director of EUPAVE.

Communications and Office Manager

Ms. Elise Carabédian is Communications and Office Manager since 2 November 2016.

President and Vice-President

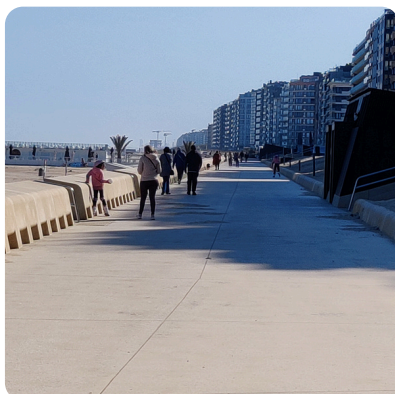
EUPAVE's President remains Mr. Stéphane Nicoud from Holcim.

EUPAVE's Vice-President remains Mr. Rory Keogh from GOMACO.

Board of Directors

The Board of Director is composed of the following members as of 20 June 2024:

- César Bartolomé, Oficemen
- Edwin Vermeulen, Cement&Beton Centrum
- Hervé Camerlynck, Febelcem
- Koen Coppenholle, Cembureau
- Jan Deja , Polish Cement Association
- Rory Keogh, Gomaco
- Ulrich Nolting, InformationsZentrum Beton
- Stéphane Nicoud, Holcim
- Sebastian Spaun, VÖZ



MEMBERSHIP & PARTNERSHIP SITUATION IN 2024

In 2024, EUPAVE had 9 Full Members:

- Cembureau
- Cement&Beton Centrum
- Febelcem
- GOMACO
- InformationsZentrum Beton
- Holcim
- Oficemen
- Polish Cement Association
- VÖZ



EUPAVE had 14 Associate Members including 3 **NEW!** members:

- BETONSUISSE
- Britpave
- Deltabloc
- ERMCO
- France Ciment
- Forta Corp
- GIVASA
- Gütegemeinschaft Betonschutzwand & Gleitformbau e.V.
- Norm Cement
- Premcrete
- Power Curbers
- Somero
- Türkçimento
- Wirtgen



EUPAVE had 20 Partners including 5 **NEW!** Partners::

- AB-Roads
- Besix Infra
- COLAS NOORD
- Chem-crete
- Christian Paglia
- KWS Infra B.V.
- Michael Darter
- MIT Mess- und Prüftechnik GmbH
- Otto Alte-Teigeler
- Otto Brentzel
- Robuco
- Roos Groep
- Sepehr Ghafari
- SICO
- Specbea
- Stadsbader
- TRBA
- Willemen Infra
- ZBS
- Zeta Industry



MEMBERSHIP & PARTNERSHIP SITUATION IN 2024

Our new Members and Partners



www.france-ciment.fr

France Ciment is the French cement industry association that represents and advocates for the interests of cement producers in France, focusing on innovation, sustainability, and decarbonization.



www.fortacorp.com

Forta Corporation is a global leader in the production of synthetic fiber reinforcements for concrete, offering solutions that enhance durability, strength, and performance in construction projects.



www.premcrete.com

Premcrete specializes in advanced concrete repair and waterproofing solutions, providing innovative products and services for infrastructure and construction industries.



www.besixinfra.com

A division of the multinational BESIX Group, Besix Infra focuses on designing, building, and maintaining complex infrastructure projects, particularly in roads, bridges, and public utilities.



www.colas.be

Part of the Colas Group, Colas Noord operates in the Netherlands, specializing in road construction, maintenance, and sustainable infrastructure solutions.



www.aannemingsico.be

Sico is a Belgium-based company that provides concrete construction and repair services, offering expertise in structural rehabilitation and innovative concrete technologies.



www.stadsbader.com

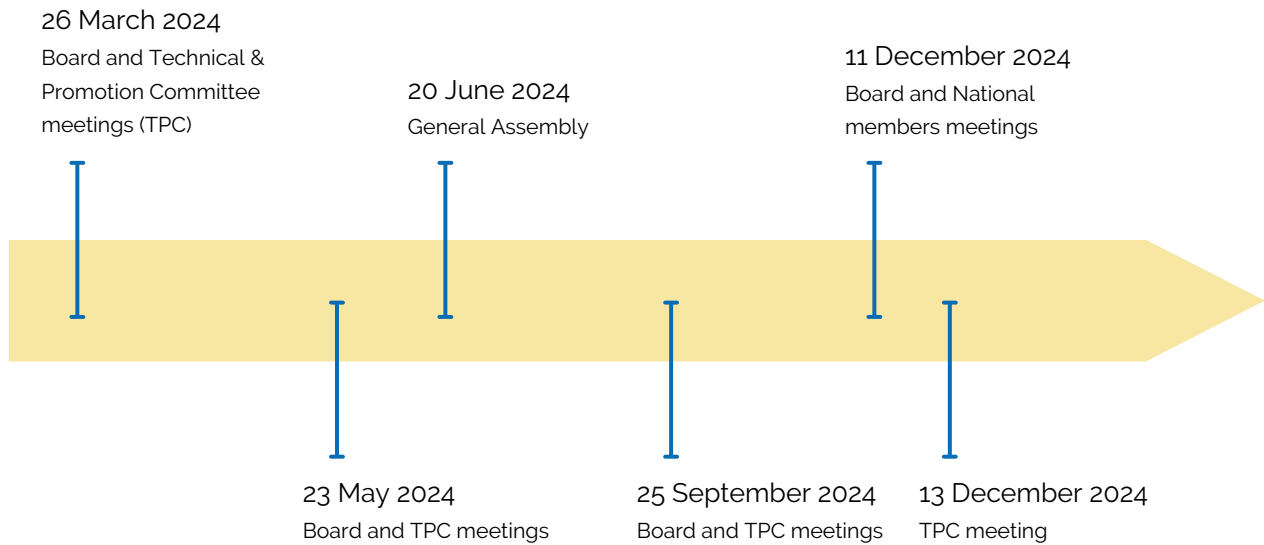
Stadsbader is a Belgian construction company specializing in infrastructure projects, including roadworks, utility networks, and industrial construction.



www.willemen.be

Willemen Infra is part of the Willemen Group in Belgium, focusing on road construction, asphalt production, and civil engineering projects, with a strong emphasis on sustainability.

INTERNAL ORGANISATION



In 2023, EUPAVE organised a "strategic discussion" meeting with the Board of Directors. The aim of the meeting was to look back on the strategic review and business plan of 2014, to take a look at the development of members and partners, our budget and our activities (publications, events). Each member had the opportunity to present the market situation of concrete roads and safety barriers in their country. During this meeting we also discussed our new strategic direction. It was decided to develop a "Strategic Plan" to be presented in 2024.

During the first months of 2024, EUPAVE developed its Strategic Plan 2024-2030, which was published in October 2024. The plan includes two strategic objectives related to the exchange of experiences between the national associations:

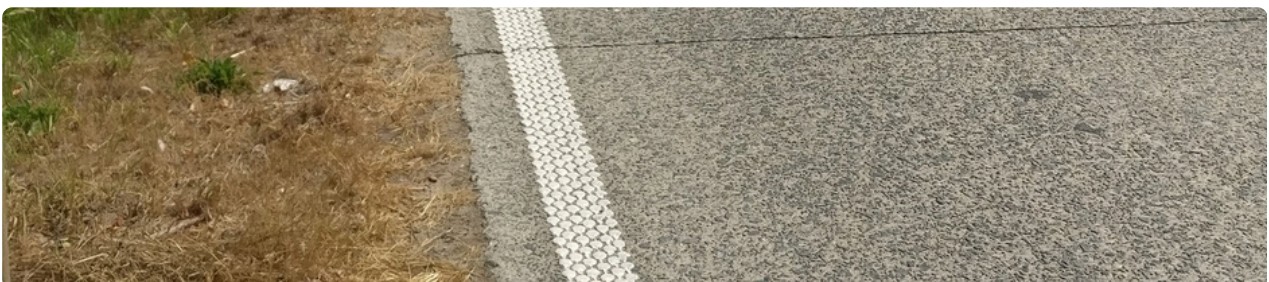
- a first one concerning advocacy messages

- a second one related to the exchange of experiences and best practices.

Driven by these objectives, we organised a national members' meeting to share useful information and data on the situation of concrete pavements in Europe.

During the meeting our members had the opportunity to talk about how they work at national level. They also shared the challenges and opportunities they face.

EUPAVE Strategic Plan 2024-2030 is available on [our website](#).



Working Groups

We held **19** online meetings for our working groups.

- The **Sustainability & Resilience WG (S&R WG)** to promote the sustainable benefits of concrete pavements (open to both Members and Partners)
 - The **EU Advocacy WG (EU Adv WG)** to advocate at EU level the use of cement and concrete in European transportation infrastructure (open to Members)
 - The **Best Practices WG (BP WG)** to exchange know-how and best practice amongst our Members and Partners (open to both Members and Partners)
- The **Concrete Safety Barriers WG (CSB WG)** to follow the standardisation activities, monitor developments and undertake promotion actions on road restraint systems (open to Members only),
 - The **Concrete Pavement Statistics WG (CPS WG)** to gather statistical data on the use of concrete in transportation infrastructure (open to Members only)
 - The **Communications Tools WG (Comm tools WG)** to develop EUPAVE's website, newsletter and other tools (open to Members only)

January	31: CSB WG
February	2: S&R WG 8: BP WG 23: EU Adv WG
March	15: CSB WG 19: BP WG 21: EU Adv WG
April	30: BP WG
May	13: CSB WG 27: EU Adv WG
June	27: BP WG

July	4: CSB WG 11: EU Adv WG
September	5: EU Adv WG 9: BP call with Chair 18: CSB WG
October	15: EU Adv WG
November	5: EU Adv WG 19: EU Adv WG
December	12: BP WG

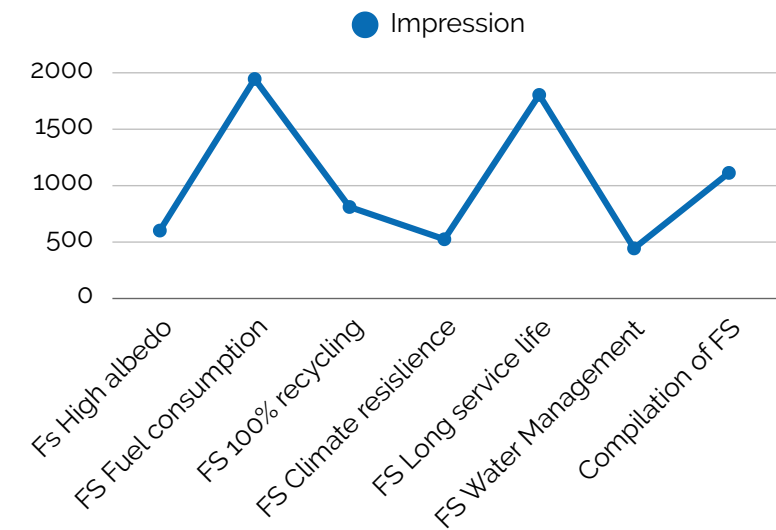
COMMUNICATION

LinkedIn campaigns

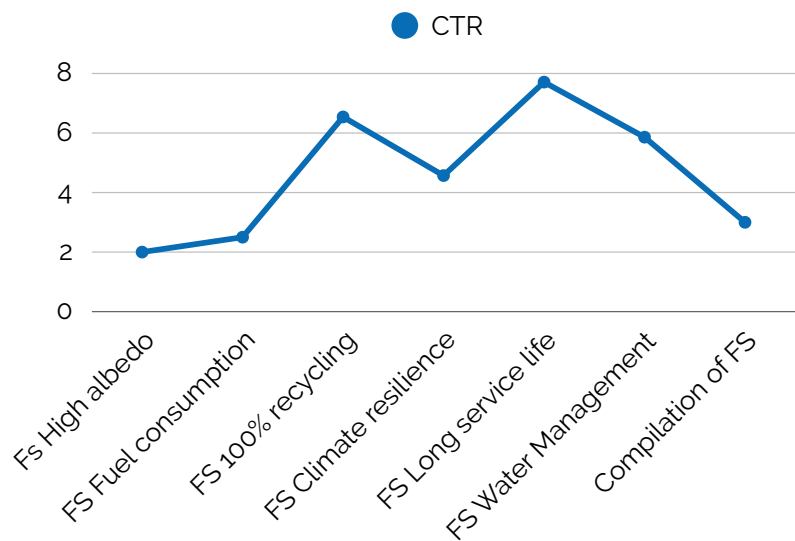
In 2024, EUPAVE shared 33 posts on LinkedIn. It includes 3 campaigns.

1

The first one was shared in February and March 2024. Each post was focused on one fact sheet and the last one on the compilation of fact sheets developed by the Sustainability & Resilience WG.



On LinkedIn, **impressions** refer to the total number of times a post appears on someone's feed. Each time the post is displayed, it counts as one impression—even if the same person sees it multiple times.



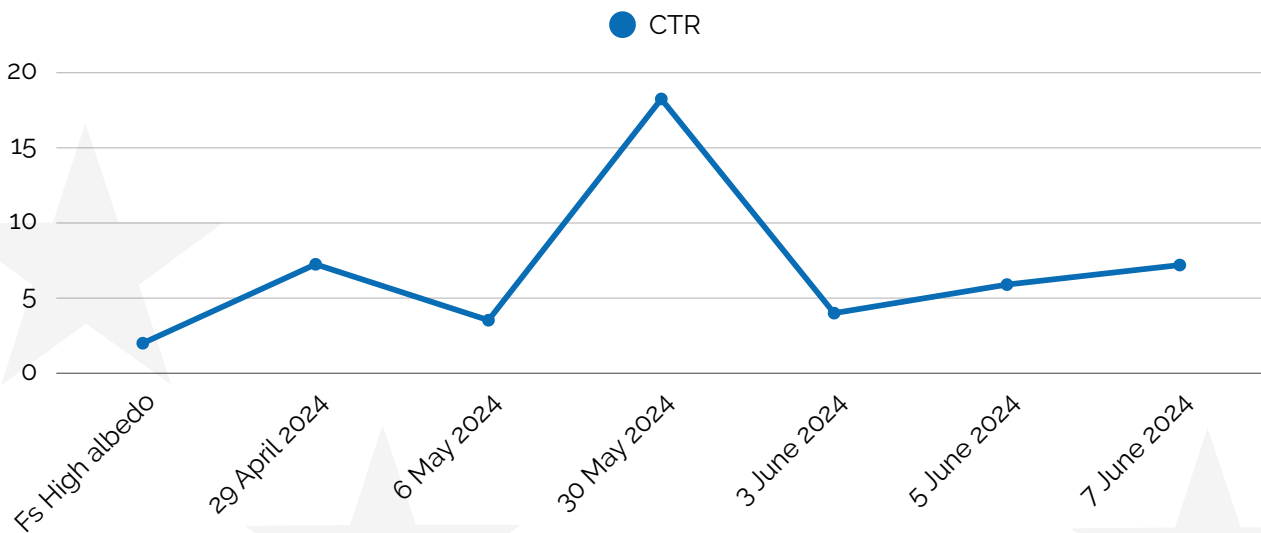
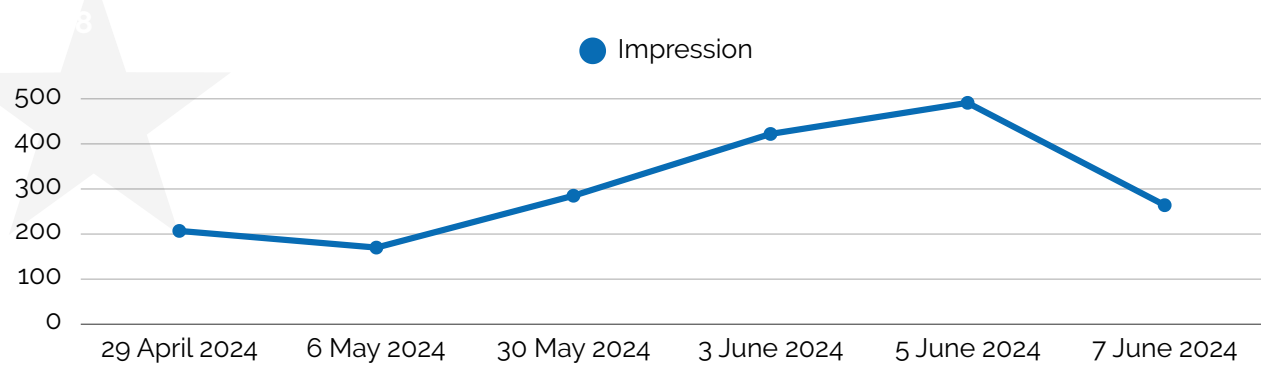
Click-Through Rate (CTR) on LinkedIn shows how many people clicked on a link in a post compared to how many saw it. It helps see which posts get the most interest and encourage action.

For regular (non-paid) posts, a CTR between 2% and 5% is average.

A higher CTR means the audience is very engaged.

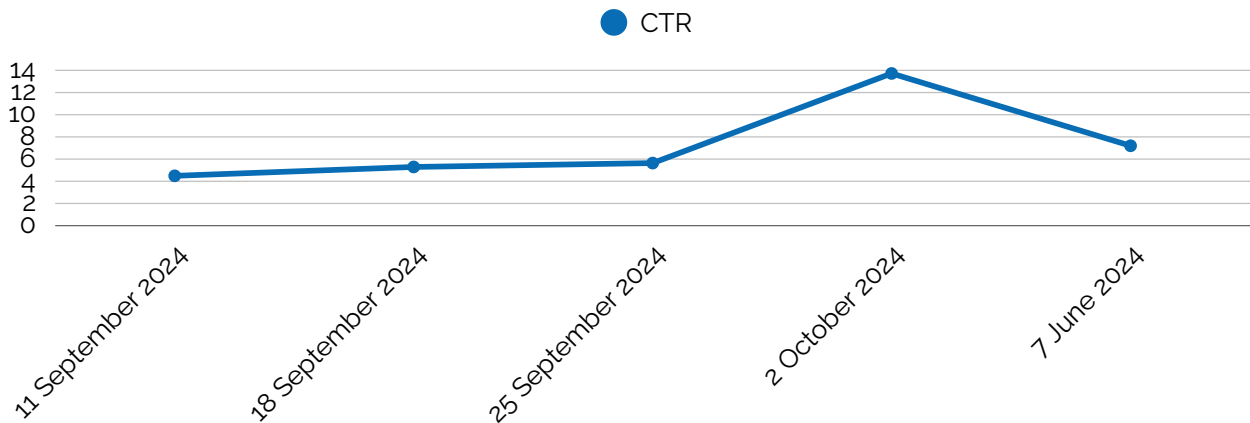
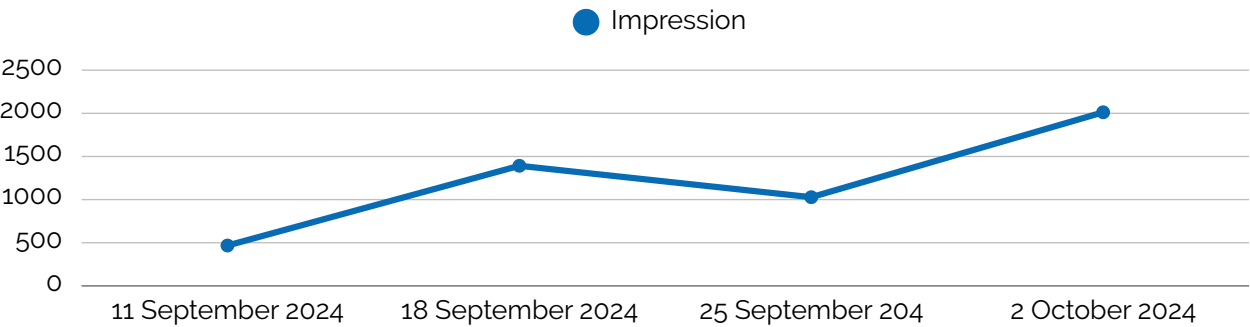
2

The second one was split in two parts and focused on the promotion of our Manifesto before the European elections. The posts were shared between April and June 2024.



3

The third LinkedIn campaigns was shared in September/October 2024 and focused on the release of our leaflet "Safe, robust and sustainable road restraint systems - the case for concrete safety barriers".



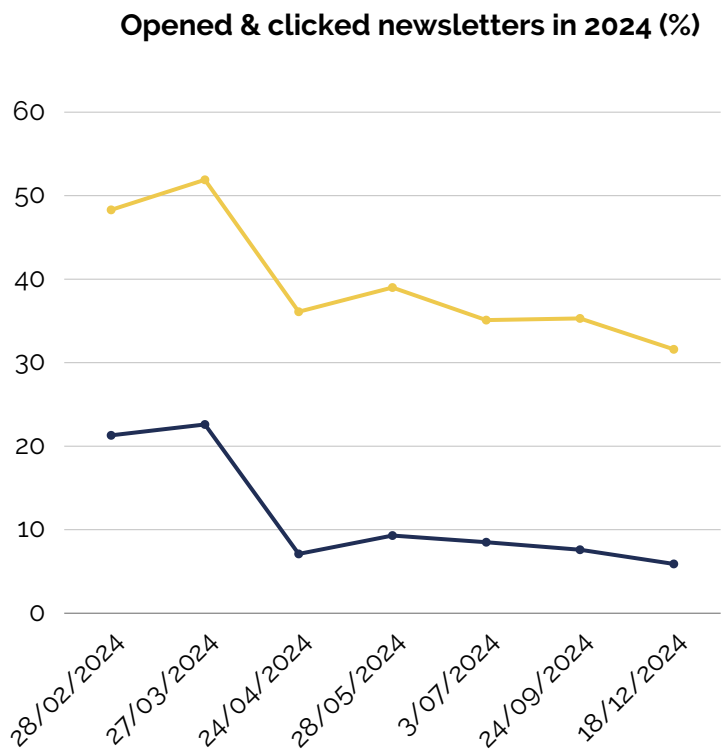
Web site

14 articles were published on our website in 2024 and 6800 visitors from January until December 2024.



Newsletter

7 newsletters were sent in 2024 to approximately 1200 recipients.



Opened: This represents the number of recipients who have opened your email. Campaign Monitor tracks this by inserting a small, invisible tracking image in the email. When the recipient loads the email with images enabled, it registers as an "open." However, this metric may be underreported if recipients have images disabled by default.

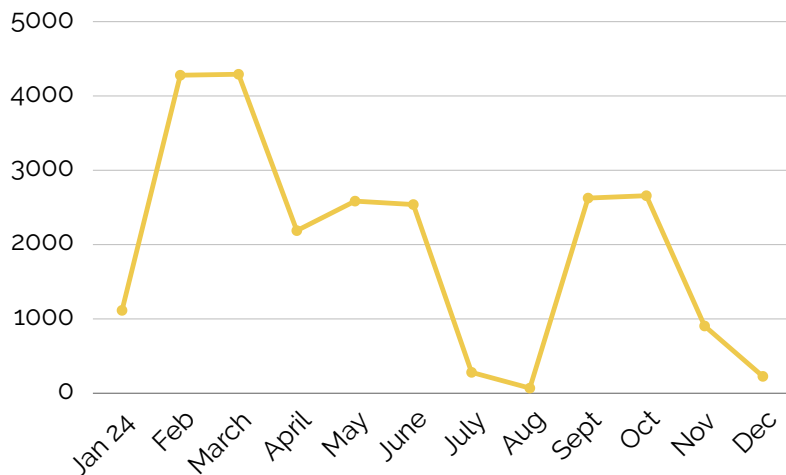
Clicked: This measures the number of recipients who clicked on at least one link in your email. This is tracked through unique tracking URLs that redirect users before sending them to the intended destination.

LinkedIn

848 subscribers (+ 122 compared to 2023)



Post impressions in 2024



On LinkedIn, **impressions** refer to the total number of times a post appears on someone's feed. Each time the post is displayed, it counts as one impression—even if the same person sees it multiple times.

YouTube



In 2024, we shared the recording of our webinar “the past & future evolution of load transfer systems for jointed concrete pavements” by Mark Snyder.



ACTIVITIES

Publications



In 2024, EUPAVE published a Manifesto urging policymakers to consider five key concerns and priorities when building the next generation of durable and sustainable roads in Europe.

The Manifesto emphasizes the need for transparent procurement processes and life cycle assessments to ensure long-lasting infrastructure. With a focus on innovation and upholding quality standards, the Manifesto underscores the industry's commitment to building roads that serve the needs of both current and future generations.



In 2024, we also released a leaflet entitled "Safe, Robust and Sustainable Road Restraint Systems – The Case for Concrete Safety Barriers", prepared by the Concrete Safety Barriers Working Group.

The leaflet explains how CSBs, both precast and in-situ, contribute to the climate neutrality and circularity goals of the European Green Deal. It highlights the robustness of CSBs: the guaranteed performance independent of the substructure, the minimal maintenance and repair and the long service life.

Publications



As explained previously, EUPAVE released its Strategic Plan 2024-2030 in October 2024.

This plan will guide our actions in the coming years to promote the use of cement and concrete in European transport infrastructure.

The plan is built around four Strategic Focus areas:

- Increasing policy and decision makers' understanding that concrete is a critical long-term for a resilient, sustainable and carbon-free transport infrastructure
- Promoting and facilitating innovation, decarbonisation and digitalisation in the concrete paving sector
- Increasing knowledge and skills of all actors in design, construction and management of concrete roads, hydraulically bound base layers, road restraint systems and other infrastructure
- Grow and transform EUPAVE into an association with stronger resonance

Read the Strategic Plan 2024-2030 [on our website](#).

ACTIVITIES

Events



EUPAVE Best Practices workgop, 22 May 2024

Non-destructive auscultation and monitoring techniques for concrete pavements

On Wednesday, 22 May 2024, EUPAVE held its 9th workshop on Best Practices in Concrete Paving in Brussels. The theme for this year was "Non-destructive auscultation and monitoring techniques for concrete pavements." Organized as a hybrid event, it attracted 80 online and in-person participants.

The workshop aimed to highlight advanced methods for assessing and maintaining concrete pavements without causing damage. Experts in non-destructive testing (NDT) led a series of insightful sessions, exploring the latest technologies and methodologies that ensure the structural integrity and longevity of concrete surfaces.

Luc Rens, Director of EUPAVE, started the event by presenting EUPAVE's new Strategic Plan, set to be released in September 2024. He then showcased some innovations in concrete paving and provided a quick recap of previous Best Practices workshops held by EUPAVE.

Jeroen de Vrieze from Cement&BetonCentrum moderated the event and introduced the speakers.

The first talk was given by Dipl.-Ing. Stefan Höller from the Federal Highway Research Institute (BAST), who discussed "Falling weight deflectometer on concrete pavements – current situation and perspective."

Luc Rens followed with insights on "Smart roads through the use of sensors".

Mr. Kurt Pappaert, Operational Manager Inspection Drones from Citymesh, shared his expertise on "Enhancing infrastructure monitoring with non-destructive aerial techniques".

After the break, Mr. Dirk Anke, Senior Software Developer at MIT Mess- und Prüftechnik GmbH, introduced "Dowel detection and thickness measurement".

The workshop concluded with a recorded session by Ms. Audrey Van der Wielen, Researcher at the Belgian Road Research Centre, on "Ground penetrating radar and ultrasonic tomography".

The presentations were followed by a Q&A session with both live and online participants. For those attending in person, the afternoon ended with a pleasant networking cocktail.



Events



EUPAVE Webinar, 20 June 2024

The past and future evolution of load transfer systems for jointed concrete pavements

On Thursday 20 June, EUPAVE successfully hosted a webinar entitled "The past & future evolution of load transfer systems for jointed concrete pavements". The online event featured a presentation by Mark Snyder of PERC, LLC. His presentation was originally given during the opening session of the 14th International Symposium on Concrete Roads.

The webinar attracted 74 participants from around the world. This turnout underlines the growing interest and importance of the topic within the industry.

Luc Rens, Director of EUPAVE, opened the event by introducing EUPAVE, its mission and its 42 members and partners. He also said a few words about its 6 working groups and their work. He recalled that the association had recently published its manifesto "Durable and sustainable roads for the next generation". Luc ended his presentation with an introduction on dowels and load transfer.

Mark Snyder's presentation looked at the historical context of load transfer systems and explored innovative future developments in the field. A Q&A session concluded the webinar.

As Luc announced in his introduction, this was the first in a series of webinars and workshops on dowels and load transfer.



Events



EUPAVE-CEDR-EAPA Webinar, 26 November 2024

European paving industries coping with the Green Deal – facts and figures

On 26 November 2024, the Conference of European Directors of Roads (CEDR), the European Asphalt Pavement Association (EAPA), and EUPAVE jointly organised a closed webinar entitled "European Paving Industries Coping with the Green Deal – Facts and Figures".

The event gathered members from the three organisations for a focused discussion on how the paving industries are responding to the challenges and opportunities presented by the European Green Deal.

The session opened with welcoming words by CEDR, followed by two technical contributions: one from EUPAVE and one from EAPA. Both presentations showcased concrete facts, sectoral insights, and strategies for achieving climate-neutral and resilient road infrastructure across Europe.

The event concluded with a Q&A session, moderated by CEDR.

**SAVE
THE
DATE**

26 NOVEMBER 2024
AT 11.00 CET

WEBINAR

EUROPEAN PAVING INDUSTRIES COPING WITH THE GREEN DEAL – FACTS AND FIGURES

ORGANISED BY



*Open only to Members of
CEDR, EAPA and EUPAVE*

Agenda

- **How the paving industries in Europe are adapting to the European Green Deal.**

11.00–11.10 Opening words by CEDR

11.10–11.35 Contribution by EUPAVE

11.35–12.00 Contribution by EAPA

12.00–12.30 Roundtable with Q&A and closing remarks by CEDR

Moderation by CEDR

Full programme and registration link to follow

REPRESENTATION

Participation in events and meetings

JAN. 18, online: High level Construction Forum Webinar on Digitalisation and Innovation

The High Level Construction Forum (HLCF) is an initiative launched by the European Commission to support the transformation of the construction ecosystem in line with the green, digital, and resilient transition goals of the EU.

FEB. 6-7, Paris, France: PIARC
Kick-off meeting of TC4.1.
"Pavements"

Participants from EUPAVE are César Bartolomé from IECA, Tim Alte-Teigeler from OAT and Luc Rens, Technical Director.



21, online: Concrete Europe Board

27, Brussels, Belgium: ERF Road Restraint Systems WG

MAR. 5, Brussels, Belgium: ACEA (European Automobile Manufacturers' Association) Annual Reception with theme #FutureDriven

20, online: Concrete Europe Board

APR. 3-4, Brussels, Belgium: CENTC 227 WG3 TG1+2 "Materials and functional requirements for concrete pavements",

4, Brussels, Belgium: European Road Federation (ERF) and Conference of European Directors of Roads (CEDR) roundtable event with focus on the challenges faced by industry and supply chains in meeting the objectives of the European Green Deal.

10-11: CENTC 226 WG1 on standardisation regarding road restraint systems

16-19, Amsterdam, Netherlands: Intertraffic
Amsterdam

Intertraffic is a leading international trade fair and conference series focused on traffic technology and mobility solutions.



REPRESENTATION

Participation in events and meetings

APR. 23: CENTC 227 WG4 on standardisation of unbound and hydraulically bound mixtures
24-27: PARIS INTERMAT

Intermat Paris is one of the world's leading international trade shows for the construction and infrastructure industries.



MAY 30, Brussels, Belgium: Meeting with Steve Phillips, Secretary-General of CEDR - Discussion on future collaboration and organisation of a workshop

JUN. 5, Brussels, Belgium: ERF Plenary meeting

11, Antwerp, Belgium: Concrete Europe Concrete Dialogue - Visit of the Oosterweel-Link construction site in Antwerp

24, Brussels, Belgium: Concrete Europe General Assembly

REPRESENTATION

Participation in events and meetings

AUG. 25-29, Minneapolis, USA: 13th International Conference on Concrete Pavements

Representatives of EUPAVE included: Luc Rens, Technical Director of EUPAVE, Ralf, Heidi and Tim Alte-Teigeler from OAT, Özgür Yaman from Turkcimento, Jesús Fumado and Freddie Bryan from Power Curbers Companies, Sebastian Nussbaum and Tim Nash from the Wirtgen Group, Anne Beeldens from AB-Roads, Christian Paglia from the University of Applied Sciences of Southern Switzerland and Delegates from Holcim U.S.

See below photos of the technical visit to MnRoad with demonstration of MIT equipment.



SEP. 16, online: Concrete Europe Sustainability Committee

30, online: Concrete Europe Board

OCT. 3, Zaltbommel, Netherlands: Dutch Concrete Roads Symposium

Presentation by Luc Rens: **"Well on track with concrete for the next generations"** talking about the history of CRCP in Belgium and the Netherlands, the wide range of surface finishing techniques for decorative concrete and the latest developments in circularity, in low-carbon cements and their use in road construction and ending with some innovations.

REPRESENTATION

Participation in events and meetings

OCT. 7-9, Dublin, Ireland: CENTC 226 WG1 on standardisation of road restraint systems
8, Brussels, Belgium: Concrete Europe meeting with Domenico Campogrande, Director and Benedikt Fischer, Policy officer of the European Construction Industry Federation (FIEC)

14-16, Köln, Germany: Meeting of PIARC TC4.1 "Pavements"

With a visit to Durabast https://www.durabast.de/durabast/EN/Home/home_node.html



NOV. 5-6, Prague, Czech Republic: Concrete Roads Conference

Presentation by two of our partners:

- Anne Beeldens, AB-Roads: **Recent Belgian experiences in concrete motorway construction and surface restoration**
- Tim Alte-Teigeler, OAT: **Retexturing of surfaces – a way to increase the useful life and sustainability of concrete pavements**

and attended by Luc Rens, Technical Director

28, online: MAÚT Hungarian Road and Rail Society and its Innovation Forum organised by the Hungarian Road Society and the Institute of Transportation Sciences

Presentation by Luc Rens: **Concrete pavements for a sustainable and resilient road network**

DEC. 3, online: Concrete Europe Board

Collaboration with stakeholders

ISCP (International Society for Concrete Pavements)

Since August 2023, Jeroen de Vrieze is Director of the Board of ISCP.



PIARC (World Road Association)

In 2024, Luc Rens participated as corresponding member in the Technical Committee 4.1 Road Pavements.



ERF (European Road Federation)

EUPAVE continued its membership of the European Union Road Federation and participated in the ERF working groups as well as other activities:

- ERF Plenary Assembly
- ERF WG on Road Restraint Systems



ERTRAC

(European Road Transport Research Advisory Council)

EUPAVE remained a member of ERTRAC in 2024.



Concrete Europe (CE)

In 2024, EUPAVE joined Concrete Europe.



Concrete Europe is the European association representing the concrete industry. It is formed by 6 associations, BIBM (the Federation of the European Precast Concrete Industry), CEMBUREAU (the European Cement Association), EFCA (the European Federation of Concrete Admixtures Associations), and ERMCO (the European Ready Mixed Concrete Organization), along with two associate members: Aggregates Europe – UEPG and EUPAVE.

