



EAPA Magazine Issue 51 – November 2022

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## Introduction

This edition is all about the next E&E Event 2022, which we are organizing for the second time with our colleagues from Eurobitume. After busy months, we are pleased to be able to present you with an exciting and attractive program. In addition to topics such as sustainability and asphalt 4.0, which have now become standard, as well as the important health and safety topics, this time we are giving the future leaders the opportunity to present their "Call for Actions" for an attractive future for the asphalt and bitumen industries in a separate session. For this purpose, they have created a manifesto, which they will jointly present.

At the event, the exchange and networking are still essential elements, to which we have given a lot of space and time, e.g., at a networking evening in a beautiful, traditional Viennese ambience.

Of course, we hope that we can hold the event despite the pandemic and will of course prepare everything for your safety on site. I am really looking forward to finally meeting as many of you as possible again in Vienna! For all those who, for whatever reason, want to participate online, there is of course also the possibility to do so via the event app, which enables an interactive experience of the event.

Since April, EAPA has employed Regina Madonna, together with colleagues from UEPG, as PR & Communication Officer. Unfortunately, Ms Madonna is leaving us after six months to move to her partner in London, but we were able to recruit a new colleague for this position in Frederica Dias, who has been with us since October. We wish Regina all the best for her future, thank her for her excellent work for EAPA and warmly welcome Frederica to the team.

Enjoy reading this magazine and I hope to see you in Vienna in November.

Carsten Karcher  
EAPA Secretary General

# E&E EVENT 2022

EURASPHALT & EUROBITUME

14 & 15 NOVEMBER 2022

VIENNA

## CONCEPT OF THE EVENT

EAPA and Eurobitume are very excited to be able to offer you again a unique interactive discussion platform for all stakeholders related to the bitumen and asphalt industry!

Over the two days of the E&E Event we aim to provide participants the opportunity to further increase their knowledge and understanding through invited expert speakers, interactive discussions and face to face exchanges. Also included in the programme will be an adjacent exhibition area, generous coffee breaks and an evening social event to maximise your time for networking!

### MODERATOR

**MIA FORBES PIRIE**

Independent Mediator of the Year in the UK

An international mediator, facilitator and coach, Mia has had careers in law and science.

In addition to her corporate clients and former career as a solicitor in a top City of London law firm; Mia has worked with governments, religious organisations and Members of Parliament. She has advised the US Department of Energy on using facilitated negotiation to develop controversial legislation.



### SPECIAL

**GUEST SPEAKER**

**MARK BEAUMONT**

Over the past two decades, Mark has pushed the limits of endurance, spoken at thousands of events, and worked in over 100 countries. Amongst other Guinness World Records, he remains the fastest person to have cycled around the planet. Mark's passion for entrepreneurship takes him into a range of businesses, backing innovation and advising on growth.



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# E&E EVENT 2022

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## Why you should be at the E&E Event 2022?

### WHAT MAKES THE E&E EVENT 2022 UNIQUE?

- Based on an exciting format: centered around a series of professionally-facilitated sessions between experts and participants using debates, workshops and information exchanges on key related to the future of the Asphalt Industry.
- Supported by online tools that will allow the participants to have their input before, during and after the event.
- There is no call for abstracts – each session be supported by selected experts.

### LIVE STREAMING

**E&E Event 2022 is going to be a hybrid!** Yes, the event will happen both physically in Vienna and virtually, giving an opportunity to connect to all of those who would not or have otherwise been able to attend.

Are you still hesitating to come to Vienna because you are not sure if you can attend both days? Don't worry we've got your back! Every in-person participant will have automatic access to a virtual platform. So you can stay one day in Vienna and the second you can attend our event virtually on your way home or from your office.

### WHAT SHOULD YOU EXPECT TO GAIN FROM ATTENDING?

- A valuable insight into six important strategic issues for the Asphalt Industry as discussed by a wide range of stakeholders:
  - 1 Working effectively with Sustainability
  - 2 Future mobility and key changes to manage
  - 3 A 'Call for Action' from our Future Leaders
  - 4 Health & Safety
  - 5 Asphalt 4.0 and Digitalisation
  - 6 'Let's use communication to celebrate our industry'

#EEEVENT2022 [www.eeevent2022.org](http://www.eeevent2022.org)



Keep up-to-date with all the latest updates on: [www.eeevent2022.org](http://www.eeevent2022.org)



# DETAILED PROGRAMME

## MONDAY 14, NOVEMBER 2022

- 10.00 – 10.45

Registration with Coffee; Exhibition
- 10.45 – 12.30

Welcome & Session ONE: Working effectively with sustainability

Opening of the Event and welcome of participants and speakers by moderator

**Mia Forbes Pirie**  
and presidents of EAPA and Eurobitume.

**Juan Jose Potti**, EAPA President, ASEFMA, Spain  
**Francisco Lucas**, Eurobitume President; Repsol, Spain

Speakers:

**Philippe Moseley**, European Commission, DG GROW, Construction Unit H.1, Brussels  
Setting the scene – European Commission’s approach on the decarbonisation and circular economy of the construction ecosystem

**Blake Wellman**, Monitor Deloitte  
Conclusions from survey on how the Road Construction industry will meet future Sustainability targets

**Thor Asbjørn Lunaas**, Norwegian Public Roads Administration  
Implementation of sustainability assessment systems in road contracts – practical experience from Norway

**Geir Lange**, Veidekke Industri AS, Norway  
Challenges for the asphalt industry to meet future Sustainability targets

Round table facilitated by the moderator with all speakers.

- 12.30 – 14.00

Lunch, Exhibition & Commercial Presentations
- 14.00 – 15.00

Session TWO: Future mobility and key changes to manage

Speakers:

**Thierry Goger**, Europe’s National Road Research Centres (FEHRL)  
Vision and Scenarios for the mobility of the future

**Breixo Gomez**, European Asphalt Pavement Association (EAPA)  
How will changed mobility influence the future asphalt pavements?

**Christophe Nicodeme**, European Union Road Federation (ERF)  
Highlights and conclusions from a benchmark study involving ERF and other stakeholders to explore ‘Future Mobility and Recovery in Europe: Impacts of the Covid-19 crisis’.

- 15.00 – 15.45

Coffee Break, Exhibition & Commercial Presentations
- 15.45 – 17.00

Session THREE: ‘Call for Action’ from Future Leaders

In recognising the need to attract new recruits we also acknowledge the need to listen to their views and expectations.

In this session you will hear from **invited future industry leaders** on how they see ways to manage some of the key challenges. They will present a ‘manifesto’ to the industry developed by combining their aspirations and expectations for the future.

Future Leaders to present the manifesto:

**Aida Marza Beltran**, Becsa, Spain  
**Shahin Eskandarsefat**, Iterchimica, Italy  
**Navid Hasheminejad**, Antwerp University, The Netherlands

To support this session we have also invited special guest speakers to share their experiences and expertise on the manifesto:

**Bernhard Hofko**, Vienna University of Technology  
**Sheila Barkevich**, President, Women of Asphalt, United States  
**Guest speaker Mark Beaumont**  
**Breixo Gomez**, EAPA  
Sheila Barkevich President, Women of Asphalt, United States  
The journey of the ‘Women of Asphalt’ initiative from its concept to the organisation today

- 17.00 – 18.00

Exhibition & Commercial Presentations
- Networking Evening with Dinner

Networking Evening with Dinner in Kursalon Building with short motivational talk from guest Mark Beaumont.

## TUESDAY 15, NOVEMBER 2022

- 08.45 – 10.00

Welcome
- Opening of day two by moderator.

- Session FOUR: Health & Safety

Speakers:

**Mike Southern**, Bituconsult, immediate past member of CARE  
Highlights of the output from the Collaboration of Asphalt Research on Emissions work group (CARE)

**Andreas Stahl**, German Asphalt Pavement Association (DAV)  
Practical experiences – Managing workplace exposure in Germany

**Ian Lancaster**, Eurobitume  
Best Practice – Safe Handling of Bitumen guidance material  
The session will end with a short reminder from Guest Speaker **Mark Beaumont**.

- 10.00 – 10.45

Coffee Break, Exhibition & Commercial Presentations
- 10.45 – 12.00

Session FIVE: Asphalt 4.0 and Digitalisation

Speakers:

**Slovenko Henigman**, Slovenian Asphalt Pavement Association  
Feedback from the International Asphalt 4.0 Conference 2022 in Madrid

**Leandro Harries**, Transportation Infrastructure Engineering, Technical University of Darmstadt and Lena Kraft, TPA GmbH / Strabag SE, Bad Hersfeld, Germany  
Innovative installation control in road paving – safeguarding the screed man

**Aida Marza Beltran**, BECSA, Spain  
Sustainable road paving – real time monitoring of CO2 emissions reduction during Warm Mix Asphalt Production

- 12.00 – 13.30

Lunch, Exhibition & Commercial Presentations
- 13.30 – 14.30

Session SIX: ‘Let’s use communication to promote our industry’

The final session of the Event will actively engage with participants and encourage the approach of ‘one industry one voice’ on common goals and challenges.

The session will include recognition awards and launch of new campaigns!

Additionally, the outcomes of professional survey on communication for the bitumen industry and the winners of the „RunnersLoveAsphalt“ Campaign and Award 2022 will be presented.

**Closing words**  
By **Carsten Karcher**, Secretary General EAPA and  
**Siobhan McKelvey**, Director General of Eurobitume

# VENUE

## HILTON VIENNA PARK

**Address:** Am Stadtpark 1, 1030 Wien, Austria

With 663 rooms and over 3500 m<sup>2</sup> of flexible meeting space, Hilton Vienna Park is Europe’s largest downtown Meeting & Event hotel.

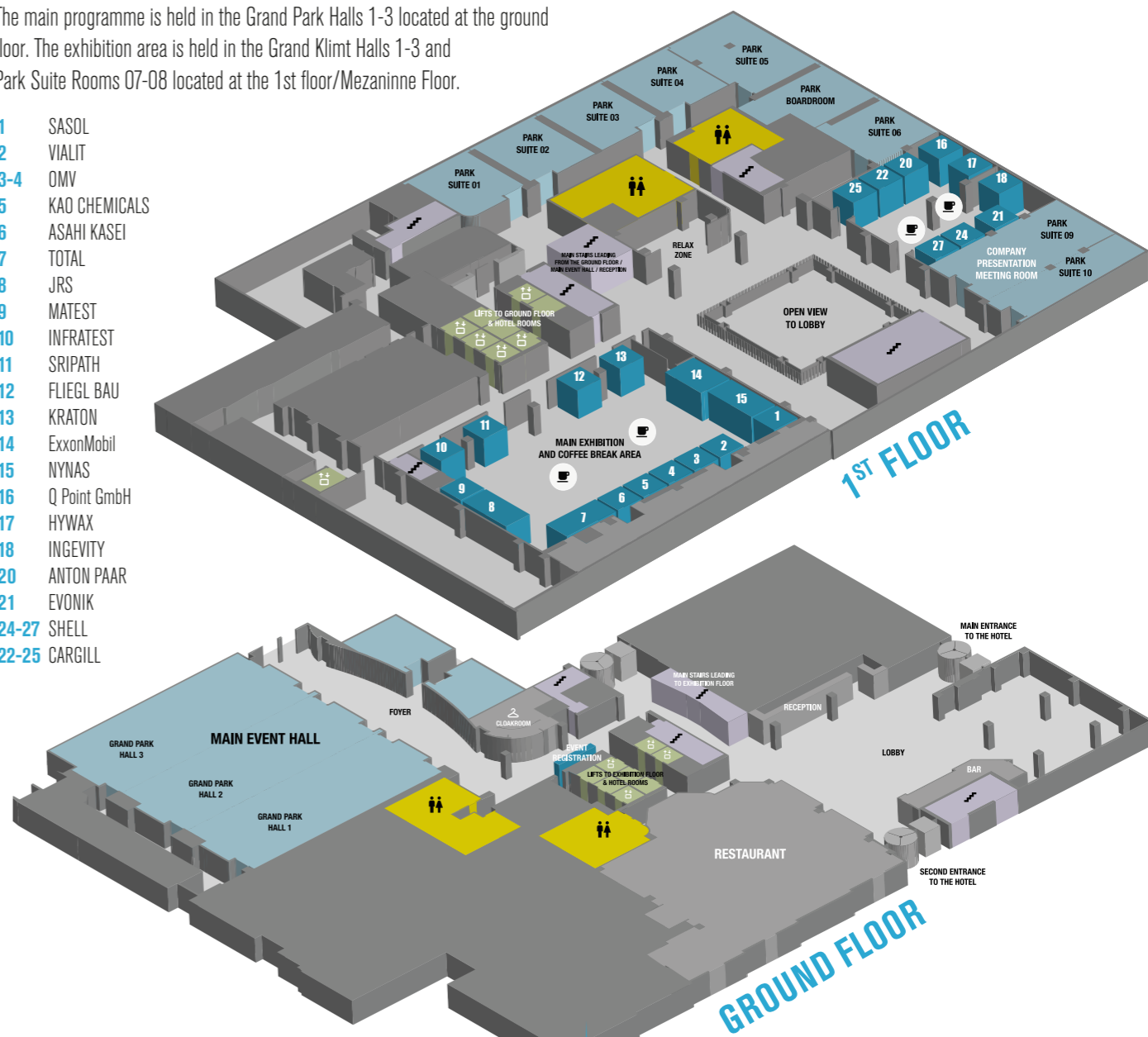
Inspired by the Viennese Modernism and Secession it was created a one-of-a-kind hotel experience capturing the enchanting allure of the city. Inside you’ll discover stylish décor, elegant new restaurant LENZ and urban bar SELLENY’S as well the largest Executive Lounge in Vienna with a park terrace.

Adjacent to the Stadtpark, the hotel is 16 minutes from the airport. Walk 12 minutes to St. Stephen’s Cathedral or explore the Naschmarkt, just 2.5 km from hotel’s door.



# EXHIBITION SPACE INFORMATION

The main programme is held in the Grand Park Halls 1-3 located at the ground floor. The exhibition area is held in the Grand Klimt Halls 1-3 and Park Suite Rooms 07-08 located at the 1st floor/Mezaninne Floor.



## SPONSORS

The E&E Event organisers would like to acknowledge their appreciation of support from all sponsors listed below.

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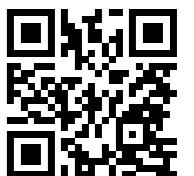
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## We have a new PR & Communications Officer!

Frederica Dias joined the EAPA team on the 1<sup>st</sup> of October and will take care of EAPA's communication strategy and campaigns, as well as social media management and content.

Frederica graduated in Film, Video and Communication in Lisbon, Portugal. After having worked in the Audiovisual and Events industry, she has been focusing her career on communication. Before joining us, she participated in two different traineeship programmes, including one in the Council of the European Union. She lived in Madeira Island and Lisbon (Portugal), Latvia and (since 2018) Brussels.

Frederica describes herself as social, motivated and a fast learner, always eager to learn more about everything, which can explain why she is always reading all the books she can manage. She is passionate about communication, photography, creating visuals, music and travel. She loves to work in an international environment where she can be in contact with different cultures and languages, one of the reasons why she loves Brussels so much.

"I am very happy to have joined EAPA and be part of this team! I have been realising that the people outside of this industry are not aware of the advantages of Asphalt and how big the industry is. I feel that it is important to share more about it with the outside world so that they can understand the importance of Asphalt and the importance it has and can have in their lives!"



## EAPA International Collaboration Award

In September the EAPA International Collaboration Award was presented to Saied Solomons former CEO of SABITA (Southern African Bitumen Association). Saied was honoured in the head offices of SABITA when EAPA Secretary Carsten Karcher visited the new SABITA President Phil Hendricks and the SABITA staff in Cape Town, Republic of South Africa. Mr Solomons is the second winner of this International Collaboration Award after former NAPA President Mice Acott was honoured in 2018. Saied was the CEO of SABITA for many years and was the face of the South African asphalt and bitumen industries. EAPA was in regular contact with him and his association as part of the GAPA (Global Asphalt Pavement Alliance) exchange. There he was a very active contributor to the global asphalt cause. Saied went into well-deserved retirement this summer. When the trophy was handed over, he felt very honoured and even a little touched.



Award winner former SABITA CEO Saied Solomons (left) and EAPA Secretary General Carsten Karcher



SABITA team with new CEO Phil Hendricks (right)



Award winner Saied Solomons

## Provisional Asphalt in Figures 2021

Every year EAPA collects and publishes key figures of the European asphalt industry in the famous publication "Asphalt in figures". In these overviews, data on asphalt production and application in Europe can be found.

As it takes time for National Associations to collect and report their annual figures, the "Asphalt in Figures" publication is normally released by the end of the next year.

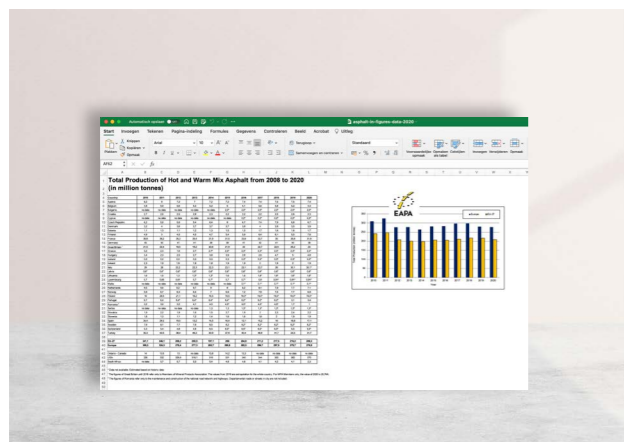
In September 2022, for the first time in history, the provisional figures from 2021 received to date were **advanced** on the EAPA website. The tables and graphs will be continuously updated, as more information is received through the year 2022.

data and published, as EAPA has been doing in the past.

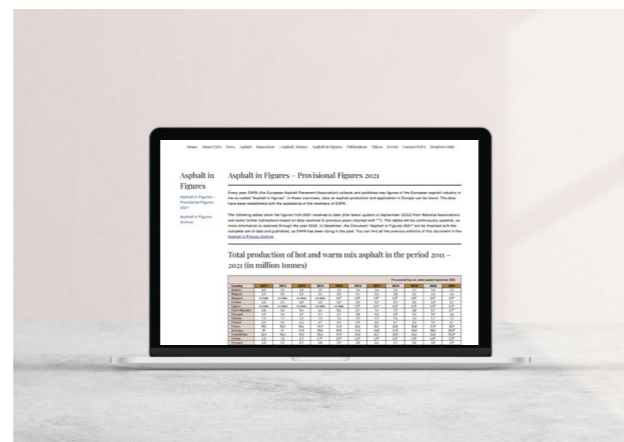
This will include 3 different versions: the standard version freely available on the EAPA website, the version for EAPA Members Only (with extra information and the commented analysis of the figures) and an excel version of the tables and graphs, which facilitates the use of the information in further studies.

Previous editions of these documents can be found in the Asphalt in Figures Archive:

[Archive](#)



The 3 versions of the Asphalt in Figures published in 2021



Provisional Figures from 2021 available on the EAPA website

## #RunnersLoveAsphalt Award

For several years EAPA is managing the #RunnersLoveAsphalt campaign. Runners from all over the world are asked to send posts of their running activities on social media with the hashtags #asphaltrunners and #runnersloveasphalt. Additionally, EAPA did let print shirts with a special logo and hashtag. Last year it was decided to also offer an award for the best social media contribution including these hashtags and nice pictures of runners on asphalt.

The first winner of this award has just been appointed. It's the ingloriousrunners\_team from Brussels, Belgium. They regularly post on Instagram about their running activities and races, mostly half marathons in the region. They describe themselves as "a group of people from Belgium, Italy and Greece who dreamt to run a half marathon and they did it!".

The award has never been celebrated so far, so they were the first winners of our campaign and received a set of "Runners Love Asphalt"-shirts during a small ceremony in the EAPA offices in October 2022. Their story and the information about the award will also be presented in the upcoming E&E Event in Vienna on 14-15 November 2022 during the communications session.

We thank the ingloriousrunners\_team very much and wish them all the best for their future running career according to their motto: "Now it's time for new challenges!"

The latest edition of the shirts ("the black shirts"), in both short and long-sleeve versions, have been produced by CRAFT, the Dutch sports clothes manufacturer, and have high-level printing and high-quality technical fabric. The shirts are available on the website of the German Asphalt Pavement Association for a price of 25€ including shipping costs within Europe: [Merchandising-Produkte: Deutscher Asphaltverband \(DAV\) e.V.](#)





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## EAPA Committees

EAPA held the Autumn 2022 Committee meetings on 27 – 29 September 2022.

*Day 1 – Health, Safety and Environment (HSE)*

The agenda of the first day covered topics related to Health, Safety and Environment. HSE Committee Chairman, Mats Wendel, opened the meeting and after the initial formalities, gave way to the reports from different EAPA Task Forces (TF).

It is worth it to highlight the work being done in the TF Decarbonisation. This TF developed a questionnaire to collect information on average/representative inputs for CO<sub>2</sub>-eq emissions. Different national associations responded, allowing the definition of a European case study, which was considered the current benchmark of the European asphalt industry. Then, by modifying inputs according to the use of different sustainable technologies (e.g. content of reclaimed asphalt, percentage of WMA production or types of fuel used in the asphalt plant) it was possible to obtain the impact of each of these technologies on the total footprint of asphalt through its whole lifecycle. The next steps include the creation of a roadmap with all the milestones necessary to reach carbon neutrality by 2050.

EAPA Technical Director, Breixo Gomez, also announced that he started a collaboration with NAPA and other American stakeholders to develop guidance on upstream life cycle inventory datasets in LCA/EPD calculations (including those for asphalt additives) to ensure their transparency, consistency, and veracity and to provide consistency and comparability for EPDs for asphalt mixtures.

A report from the EAPA Task Force on Life Cycle Assessment was also given. This group provided in 2021 great support to CEN TC227 WG6 for the development of the European Product Category Rules (PCR) for the Environmental Product Declarations (EPD) of Asphalt Mixtures, and now keeps following up on the latest developments at CEN.

In this line, it was also decided to update the EAPA paper on **Handling and Use of Crystalline Silica in the Asphalt Mixing Plant** (2018), in order to adapt it to the latest publications released by The European Network on Silica (NEPSI).



EAPA paper on Handling and Use of Crystalline Silica

Committee Members also proposed and discussed potential topics to be included in the agenda of the next joint EAPA-Eurobitume HSE/TC meeting which on this occasion, and unlike previous years, will not be held in December, but in January 2023.

Other important topics included in the agenda were the impact of deficient road maintenance on its lifecycle carbon footprint, the revision of the Waste Framework Directive, the EU Consultation on circular economy in the construction sector and current European Commission initiatives on the taxonomy of construction products.

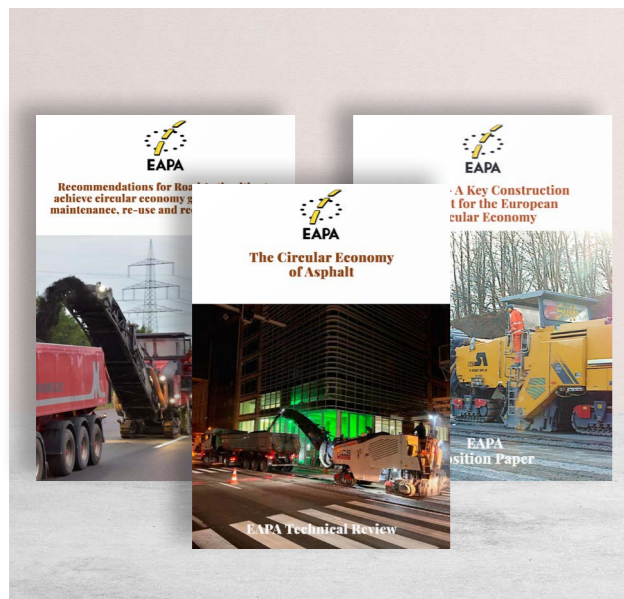
Finally, Mats Wendel was re-elected as Committee Chairman for the period 2022-2024.



## Day 2 – Technical topics

The second day, corresponding to the technical topics was opened by the Chairman of the Technical Committee, Knut Johannsen.

The agenda started with the report from the EAPA Task Force on Re-use of Reclaimed Asphalt, which after more than 2 years of work, finally published a batch of three documents targeting different audiences: Policymakers, Road Administrations and Industrials. These documents can be viewed or downloaded [here](#). An extra document, consisting of a compilation of all the information and some extra information not included in any of the above-mentioned documents will be also made available for EAPA Members on the Members Area of the EAPA website.



Publications of the circular economy of asphalt published by EAPA in June 2022

Great progress has been made also by the TF on WMA. A digital questionnaire was shared among EAPA Members and key companies of the sector. In total, 14 National Associations, 4 Contractors and 8 additional companies (most of them Additives Producers) responded, obtaining a total representation of 17 countries. This allowed the study of the current situation in each country, barriers

to implementation, identification of successful countries with high implementation rates, national policy differences, etc. Like in the case of the previous TF, a batch of documents will be also released targeting different audiences. During this meeting, the first drafts for Road Administrations and Industrials have been presented to the TC Members.



Draft of documents on the use of WMA targeting Road Administrations and Industrials

The Group also discussed the status of the revision of the Construction Products Regulation (CPR). After the publication of a proposal by the European Commission, EAPA created an internal document to inform members about the main changes. In addition, a document with feedback was submitted during the public consultation.

After reviewing the latest developments at CEN Standardisation Committees (especially related to bituminous mixtures, bituminous binders and aggregates), other technical topics were discussed. Some of these were the use of WMA, the use of waste and by-products from other industries into asphalt or the multiple re-use of reclaimed asphalt into new mixes.



EAPA Internal Document with information about the proposal for the revision of the Construction Products Regulation and feedback submitted during the public consultation.

Another topic that is currently gaining increasing importance in the TC agenda is "resilience", a concept that can be applied to pavements (e.g. resilience against flooding, climate change, etc.) as well as to the sector itself (resilience against disruptions in supply chains, changes in regulations, etc.). The Group has started to work on this topic.

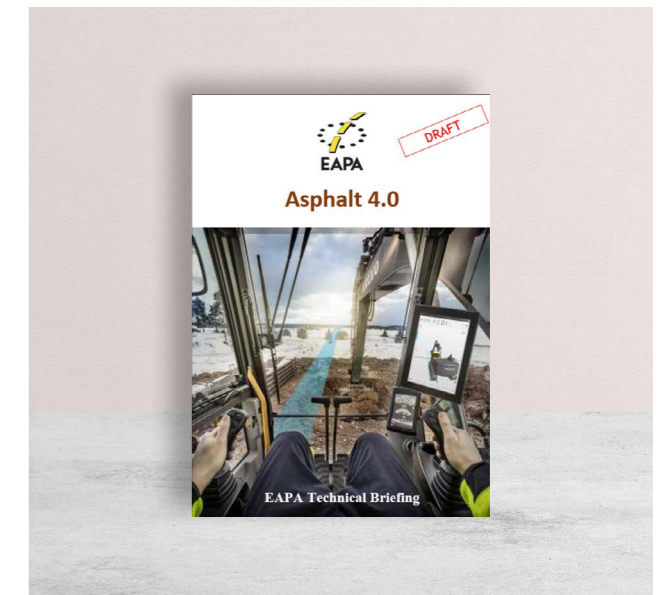
Before finishing the meeting, the current Technical Committee Chairman, Knut Johannsen, was re-elected for the period 2022-2024.

## Day 3 – Asphalt 4.0

EAPA President Juan José Potti, who has been also Chairman of the Asphalt 4.0 Committee since its creation, opened the third day of the meeting with an agenda focused on the new digital technologies, which are transforming the asphalt paving sector.

The Committee started commenting on the developments in the document on Asphalt 4.0. Then, E Görener (InfraTest), gave a presentation on different technologies for quality control, including digital ticketing solutions for laboratory sampling

and a wide range of sensors to be embedded into the pavement layers for temperature monitoring not only during construction but also during service life.



Draft Technical Briefing on Asphalt 4.0

Alex Lamers (Ammann) gave a brief overview of the Mic 4.0 Group and the work they are currently undertaking in the field of machine-to-machine communication. The Chairman of this group will be invited to participate in the next meeting in April 2023.

The main outcomes of the International Conference on Asphalt 4.0, organised by the Spanish (ASEFMA) and Slovenian (ZAS) Associations, and with the collaboration of EAPA, were presented.

Before closing the meeting, Juan José Potti was re-elected as Committee Chairman for the period 2022-2024.

## News from Brussels

### Construction 2050 Alliance Event on Sustainable Finance

On 18 October 2022 the Construction 2050 Alliance, of which EAPA is a member, hosted a public event on Sustainable Finance and the impact of the EU taxonomy on the construction sector. During this event, the Construction 2050 Alliance called for the EU taxonomy to create the conditions to support the transition to sustainable construction. The EU Taxonomy must become a facilitator of the green transition and enable the construction sector to effectively contribute to the EU's climate targets. Non-alignment must not cut off construction products manufacturers and construction companies, especially the vast majority of SMEs composing the industry, from financing.

On this occasion, the Alliance shared the following 6 key messages

1. The Taxonomy underlines again the construction sector's huge potential for achieving the EU Green Deal goals.
2. The Taxonomy may offer a European approach to "sustainable construction" based on existing EU Regulations and European sustainability assessment standards, but some criteria should be improved, and reporting methodologies clarified.
3. The Taxonomy can set a new benchmark for the

competitiveness of the construction sector.

4. The Taxonomy must create the conditions for mobilising capital to support the transition to sustainable construction.
5. Sustainability reporting obligations under the Taxonomy must be simple and proportionate.
6. Non-alignment with the Taxonomy must not cut off companies from financing and funding.



A panel of the EU Construction 2050 Alliance

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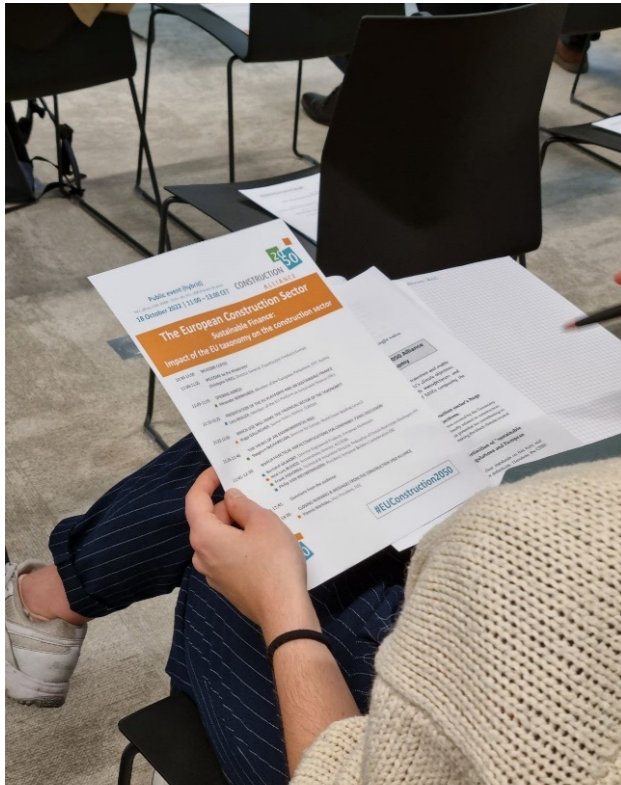
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### About the Construction 2050 Alliance

A partnership established in 2020 made of more than 50 European organisations representing the actors of the built environment working together to advance the needs and priorities of the wider construction and built-environment sector. It has been established to coordinate common political messages of the construction value chain and raise the political importance of the sector at the European level. Our founding paper and the related Press Release for this Event can be found on the website of the alliance Construction 2050 Alliance – European Alliance of construction & built environment stakeholders speaking with a single voice ([euconstruction2050.eu](https://euconstruction2050.eu)).



## Eurocities Big Buyers

The European Commission's **Big Buyers for Climate and Environment initiative**, coordinated jointly by ICLEI and Eurocities, promotes innovation by linking public buyers with market actors and identifying where joint actions, dialogue and international cooperation can successfully trigger a positive impact on the market.

Within this initiative, four Working Groups were established, one of them on Circular Construction. Eurocities leads this group, bringing together cities, road authorities and market actors from all over Europe whose aim is to change existing road construction methods favouring more sustainable practices through procurement. The group's members include local governments (Lisbon, Porto, Vienna, Haarlem, Rotterdam, Zurich, Valladolid, Madrid) and national entities like the Danish Road Authority, Brussels Mobility and CEDR.

Among other activities, the working group visited Rotterdam and an asphalt production plant that uses indirect heating technology. They also looked into examples from Switzerland as they were investigating the innovative solutions offered by various producers in order for the members to understand how they can support innovation through e.g. adjusting procurement practices in their regions/countries.

Through a series of meetings with EAPA, Eurocities made clear that there is interest in understanding the perspective of the industry and the implications on quality and longevity when increasing the % of recycled material, as well as the consequences of the current crisis on the circular construction market.

In these meetings EAPA also answer questions from the Members of the Working Group. Although the main questions were on the above-mentioned circularity of asphalt, other important topics, such as the use of WMA or the current situation in Europe related to Product Category Rules for Environmental Product declarations of asphalt were also discussed.

On the other side, EAPA also had the chance to express different concerns to the involved Administrations and to share with all of them the recently released publication of «Recommendations for Road Authorities to achieve circular economy goals through the maintenance, re-use and recycling of asphalt».

After these useful meetings, the group is now working on drafting a "Joint Declaration of Intent" and a "Lessons-Learnt report". EAPA has been invited to include in the report the EAPA's position, as part of the examples of best practices and barriers faced by the industry.



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EAPA MAGAZINE ISSUE 51 - NOVEMBER 2022

## Conferences and Events

### International Conference on Asphalt 4.0

On 20 and 21 September 2022 the Spanish and Slovenian Associations of Asphalt Manufacturers (ASEFMA and ZAS), and with the support of EAPA, hosted in Madrid the first International Conference on Asphalt 4.0 (ICA 4.0). Despite being its first edition, the Conference was so successful that a second edition has been already announced in September 2023.

[Website](#)

The Event was developed in PDV format: Presential, Digital and Virtual, with over 100 physical attendees from 12 countries: Spain, Slovenia, Germany, USA, Netherlands, France, Denmark, UK, India, Suriname, Portugal and Italy.

To this, it must be added that 346 users or viewers followed the presentations online from Spain, Mexico, Denmark, Brazil, Peru, Portugal, Thailand, Turkey, France, Colombia, Chile, Guatemala and Argentina. Through the app the Congress, these participants were able not only to ask questions to the speakers in real-time but also to interact with each other.

The sponsoring companies of this first edition were MOBA, the main sponsor, and Fliegl, the bronze sponsor.

### The programme

In total, 12 technical communications were received and presented by their authors: 4 from Spain, 3 from Germany, 2 from Slovenia, 2 from the Netherlands and 1 from France. In addition, panel discussions and invited speakers completed the 2-day program with up to 24 speakers.

The Conference was opened by Xavier Flores, Secretary General for Infrastructures of the Ministry of Transport, Mobility and Urban Agenda, together with Slovenko Henigman, President of ZAS, and Juan José Potti, President of ASEFMA and EAPA. After the opening, the three of them participated in a discussion moderated by Carsten Karcher, Secretary General of EAPA.

*Xavier Flores stressed that in his opinion, "... in our society two major revolutions are taking place at the same time: the environmental demands produced by climate change, and all changes derived from the digital transformation of all activities". In addition, he supported the organization of this annual International Conference, in which ideas and experiences can be exchanged among stakeholders.*

After this initial panel session, the programme included a series of sessions on "Digitalisation and quality control", "Technology Suppliers", "Digitalisation applied to maintenance and use stage of roads", and "New services provided by digitalisation". In these, other well-known faces of EAPA participated as well:

- Ersun Görener: "Digitalisation... The key to success"
- Martin Fliegl: "How to save energy, CO<sub>2</sub> and costs with modern transport technology in asphalt construction and installation"
- Breixo Gomez: Key lecture "EAPA actions on Asphalt 4.0"
- José Luis Peña: "e-ticketing, more than just paperless management"



Round table moderated by Carsten Karcher



### Conclusions

This first edition of the International Conference on Asphalt 4.0 offered, in the opinion of the participants, many positive points, including increased visibility for a series of technologies already available in the market.

It is clear that a great deal of digital solutions is already being implemented by companies, universities, administrations, associations, technology centres, etc., but it was necessary to provide a meeting point, like **#ICA4point0**, for all involved stakeholders to analyse together from different points of view and solve the digital challenges in the paving sector.

One of the major obstacles to the digital transition is the lack of previous references. For example, for the European standardisation work, each country can normally provide previous national standards, which can be taken as a basis for the development of European documents. In digitalisation, the challenge is global and, in most cases, there are no national references that can be used.

Possibly, the emergence of new technologies will force us to constantly reconsider which is the best option available.

The role of national associations and in particular EAPA is fundamental for the development of Asphalt 4.0. As a European benchmark, EAPA can benefit from the conclusions of **#ICA4point0** to stimulate short- and medium-term objectives and to collaborate in the dissemination of existing digital technologies.

After all previous considerations, it was agreed that the second edition of the International Conference on Asphalt 4.0 would be held in Madrid, on 26 to 27 September 2023.

Please stay tuned at <https://ica4point0.com/> and on social media, with the hashtag **#ICA4point0**.



Round table Session 1, 20 September 2022



Presentation of José Luis Peña, ASEFMA



Coffee break

### Asphalt Seminar of the Polish Asphalt Pavement Association Seminar

PSWNA the Polish Asphalt Pavement Association held its annual Asphalt Seminar from 20 to 22 September 2022 in Gdansk, Poland. It was titled: „Opportunities and Challenges of the Road Industry in Light of the Geopolitical Situation and Energy Transition”. The primary goal of the seminar was the promotion of the Polish road industry and the exchange of experience among a broad range of experts from industry, road administration and representatives of entrepreneurs involved in the development of asphalt surfaces. EAPA Secretary General Carsten Karcher participated and gave a keynote on the „Situation of the road market in Europe”.

The presentations, the photo gallery, and the recordings of the seminar can be found on the PSWNA website: [Strona główna | PSWNA](https://www.pswna.pl/).



EAPA Secretary General Carsten Karcher during his presentation (Photo: PSWNA)



Auditorium of the Asphalt Seminar of PSWNA

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## EAPA-Eurobitume activities

### Joint HSE/TC/Sustainability meeting and “virtual coffe break”

In December 2021, EAPA and Eurobitume held the latest joint meeting of their respective Health, Safety and Environment and Technical Committees.

This “Christmas tradition”, which has been already repeated over the last 3 years, will be organised next time on 17 January 2023.

The initiative has been appreciated by the Members of both Associations for being an excellent opportunity to discuss the latest developments in the asphalt and bitumen industry, as well as to continue the good relationships between the members from both sides.

Although the agenda has not been finalised yet, these meetings always cover a long list of hot topics related to standardisation, sustainability and health & safety.

Due to Covid restrictions, the last 2 editions were organised online, not being possible for the Members to personally exchange during the usual coffee and lunch breaks.

For this reason, on 31 August 2022, both Associations met again in a “virtual coffee break” of one hour, in which a total of 25 Members participated and exchanged in a more informal way.

Although different topics were touched on, there was one, which inspired most of the discussions: the calculations of durability and reference service life of bitumen and asphalt materials. This complex concept, which among other things, becomes highly relevant when producing Environmental Product Declarations, is tremendously difficult to estimate in practice, as not only depends on the material properties but also on use conditions during the service life.

The discussions on this topic will continue, without doubt, during the next joint EAPA-Eurobitume HSE/TC meeting, in January 2023.



# European Standardisation

## CEN TC227 “Road Materials” and CEN TC227 WG1 “Bituminous Mixtures”

The latest CEN TC227 Plenary Meeting meeting held on 29 June 2022 focused the discussions on the status of the product standards for bituminous mixtures (series EN 13108), whose latest versions (2016) were approved by CEN but not cited in the Official Journal of the European Union (OJEU), after the negative assessment of HAS Consultants. The main consequence of this is that, while the updated versions (2016) can be used at National level, CE-Marking still has to be done against the previous and outdated versions from 2006.

In view of this situation, different National Mirror Committees proposed a wide range of different ways forward, from a “de-citation” process to remove the product standards from the OJEU and leave the asphalt industry with no CE-Marking, to keep trying new revisions that comply with the requirements of HAS Consultants.

After extensive discussions over the last few years, CEN TC227 decided in the Plenary Meeting to:

1. Stop the work on the revision of harmonised standards; and
2. Prepare for the possible development of a future Standardisation Request.

Under the current European Rules (and which most likely continue with the revision of the Construction Products Regulation), a Standardisation Request would replace the legal framework given by the old Mandate M/124, unblocking the situation and allowing the citation of the latest drafts in the OJEU.

In this regard, CEN TC227 WG1 committed to creating a new Task Group (TG5) to discuss possible inputs for a future Standardisation Request. In other words, how the Standards may be updated if the restrictions of the old Mandate M/124 did not exist.

The next meeting of CEN TC227 WG1 will be held on

8-9 November 2022 and without doubt, the kick-off of this new TG (approval of Terms of Reference, list of participants, the election of Convenor, etc.) will be one of the main topics to handle.

Regarding the asphalt Test Method Standards, there are at the moment 17 active projects in different stages: under the 5-year systematic review, under CEN-Enquiry or simply under discussion in the WG.

## CEN TC227 WG6 – Sustainability

Many European countries are currently discussing how to develop Product Category Rules (PCR) for the Environmental Product Declarations (EPD) of Bituminous Mixtures.

With the aim of helping in the homogenisation of the process at the European level, the current goal of CEN TC227 WG6 is to publish, as soon as possible, a CEN Technical Specification (CEN/TS) containing European PCR.

In October 2021, a full draft was prepared but, as CEN/TS are not subjected to CEN Enquiry before the final Formal Vote, the WG shared the draft with National Mirror Committees and requested their feedback.

With the most recent meetings on 28 June, 2 September and 23 September and the next already scheduled on 4 November 2022, the WG continues to exhaustively work in order to publish the document as soon as possible.

## CEN TC336 “Bituminous Binders” and CEN TC336 WG1 “Bituminous Binders for Paving”

Since the publication of the last issue of this Magazine, no meetings of CEN TC336 nor CEN TC336 WG1 have been held.

Nevertheless, the activity continued in some of their Task Groups:

- Task Group for the revision of prEN 14023 Polymer Modified Bitumen: After receiving numerous comments during the CEN Enquiry in 2020, the TG met around once per month until November 2021, when a new draft was approved to be sent out for Formal Vote. Unfortunately, the draft was rejected by CCMC even before being reviewed by the HAS Consultants. In 2022, a CIB was launched to decide a way forward and, with 95% of votes in favour, the adopted decision was to keep the current harmonized standard as such and develop a parallel complementary non-harmonized product specification with no scope overlap.
- Task Group on Sustainability Assessment of Bituminous Binders: Since October 2021, this TG continued working on recommendations for standards or technical specifications covering specific product category rules for bituminous binders or for other standardization documents in the field of sustainability of bituminous binders. The TG is at the moment reviewing the cases of other product families (e.g. bituminous mixtures and aggregates), possible methodologies (e.g. EPD, PEF) and how to fit everything within the framework of a future Standardisation Request. The drafting of a recommendation for CEN TC336 has been started and will be submitted to the CEN TC336 Secretariat in the coming months.
- Task Group for the revision of the Standard EN 12597 “Terminology”: The work continued until the meeting on 16 September 2022. A draft was finished and will be circulated as Working Document among TC336 Members. The received comments will be introduced in a final draft for CEN Enquiry during the next meeting on 16 December 2022. The objective is to meet the final deadline for CEN Enquiry, taking place in February 2022. Among other novelties, the new draft includes the definition of re-use or recycling agents (proposed by EAPA), crumb rubber modified bitumen, foamed bitumen, viscosity-modified bitumen and an important differentiation between “bitumen” and “bituminous binder”, which led to the need of modifying the Scope of CEN TC336.
- Task Group on Future Product Standards: This new TG was kicked-off on 30 May 2022. Some questions have been already discussed, such as: Would it be possible to have a “blind” specification that covers all binders, instead of having one standard for each type? Is it possible to expand the bitumen specifications to include the binder from RAP?

## Upcoming conferences & congresses

### German Asphalt Days in Berchtesgaden



The 21<sup>st</sup> German Asphalt Days will take place from 8 to 10 February 2023 against the impressive backdrop of the alpine mountains of Berchtesgaden. The German Asphalt Days will again be organised by the German Asphalt Association. [Registration and further information](#)



### International Conference Asphalt Pavements in Opatija



The 8<sup>th</sup> International Seminar Asphalt Pavements will be held on 11 and 12 May 2023 in Opatija, Croatia by the Croatian Asphalt Association (HAD). More [information and registration](#) will be available soon.



## EAPA meetings and dates

### EAPA & CEN

#### Nov 2022

7 Nov 2022	CEN TC336 Task Group Sustainability Assessment
8-9 Nov 2022	CEN TC227 WG1 Bituminous Mixtures
14-15 Nov 2022	2nd E&E Event in Vienna
16 Nov 2022	Joint Executive Committee and Directors' Group meeting in Vienna
16-17 Nov 2022	CEN TC336 WG1 Bituminous Binders for Paving
30 Nov – 1 Dec 2022	CEN TC336 Plenary Meeting

#### Dec 2022

6 Dec 2022	E&E Congress 2024 Organising Committee meeting
16 Dec 2022	CEN TC336 TG revision EN 12597 "Terminology"

#### Jan 2023

12 Jan 2023	GAPA Meeting in Washington
17 Jan 2023	Joint EAPA & Eurobitume HSE/TC/Sustainability meeting

#### Mar 2023

14-15 Mar 2023	CEN TC336 WG1 Bituminous Binders for Paving
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#### April 2023

18 Apr 2023	Health, Safety and Environment Committee meeting
19 Apr 2023	Technical Committee meeting
20 Apr 2023	Asphalt 4.0 Committee meeting
20 Apr 2023	Communications Committee meeting
26 Apr 2023	CEN TC227 Chairman's Advisory Group

#### May 2023

10-11 May 2023	CEN TC227 WG1 Bituminous Mixtures
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#### Jun 2023

6 June 2023	CEN TC336 Chairman's Advisory Group
28-29 Jun 2023	CEN TC227 Plenary Meeting

#### Oct 2023

10 Oct 2023	Health, Safety and Environment Committee meeting
11 Oct 2023	Technical Committee meeting
12 Oct 2023	Asphalt 4.0 Committee meeting
12 Oct 2023	Communications Committee meeting

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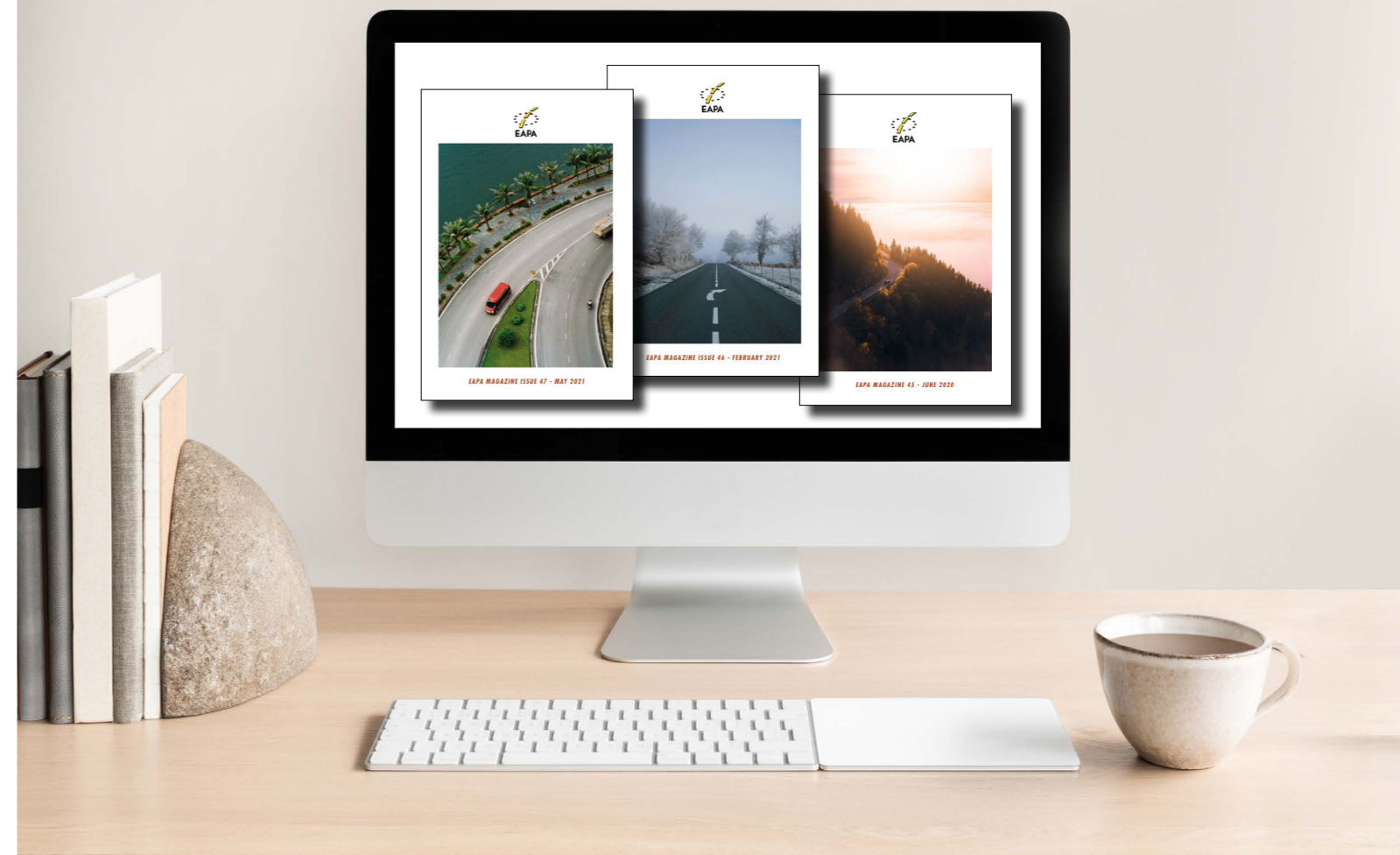
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 <p>HAD - Croatian Asphalt Association</p>	 <p>German Asphalt Pavement Association</p>	 <p>EBA - Norwegian Contractors Association</p>	 <p>ESTICA - Estonian Infra Construction Association</p>
 <p>HAPA - Hungarian Asphalt Pavement Association</p>	 <p>IAPA - Irish Asphalt Pavement Association</p>	 <p>Infra Contractors Association, Finland</p>	 <p>MPA - Mineral Products Association, UK</p>
 <p>NCC AB, Sweden</p>	 <p>Peab, Asphalt AB, Sweden</p>	 <p>Czech Road Contractors Association</p>	 <p>Routes de France - French Contractors Association</p>
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