



MAGAZINE #50



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A united, rich, and competitive Europe is built on green (road) infrastructure

I would like to thank all my good colleagues in EAPA for giving me the honorable title of Asphalt Advocate of the year 2022, and thus the invitation to write this editorial.

On a backdrop of Covid crisis, war, refugee flows, and rising inflation, it feels almost profane to write about something as common as asphalt and roads. Yet, I find it important, because infrastructure is one of the main pillars on which growth, jobs and prosperity are built. This fact is stated by the World Economic Forum in their Global Competitiveness Report.

But according to the European Investment Bank, European road infrastructure suffers from a backlog, especially in Eastern Europe, Central Europe, and Southern Europe. It is expensive for citizens, because it costs 2-3 times as much to repair a decayed road compared to maintaining it in time. And a high-performance infrastructure network will reduce production costs and facilitate transport of goods. A well-functioning infrastructure appears to be an integral part of the European market and it promotes competition and encourage innovation.

The roads are getting greener

Today, it is possible to build and maintain infrastructure and roads in a way that reduces the emission of CO₂ and promotes the climate-friendly transition. Asphalt is one of the most circular products in the world, so roads are green because they preserve Europe's natural environment. As roads are function of cars, they become even greener if the share of electric cars increases. But as an industry, we must have something to do, obviously, to act for the climate. Therefore, it is important that we stick to the overall and long-term investment plan described by the Trans-European Transport Network (and corresponding national plans), which has focus on connecting hubs more successfully and on improving the overall East-Westbound Road infrastructure.

Although we face volatility as to energy prices and



raw material prices, and although it may be tempting to postpone an infrastructure project until the storm has subsided, it is too expensive not to, cf. the above. That is why EAPA must stand guard over planned infrastructure investments. In this connection, EAPA and our secretariat in Brussels play an important role as the voice of the asphalt industry within the EU.

New markets, new ways

But we also need to look inward and think in new ways. Our president, Juan José Potti, is one of the initiators of "Asphalt 4.0", which points out the importance of digitalization in our industry.

I myself live in a flat bike-friendly country, where a large part of the daily passenger transport takes place on bicycles. Therefore, I would like to strike a

blow for more and better cycling infrastructure. In 2030, all relevant roads journeys in Europe should have separate bicycle lanes. It is good for the climate, it inhibits congestion and it promotes public health.

But as an industry, we are also able to contribute to innovation and better climate in many other ways. We must spread the use of Environmental Product Declarations (EPDs), which make it easy and safe to buy climate-friendly products. We must argue for having more climate-friendly asphalt with low rolling resistance, which enables cars to run further on fuel/electricity. We can provide permeable road surfaces, which allow rainwater to seep through to counteract flooding. We can promote biodiversity by creating green sides and parking areas with rainwater collection and green areas. And we can integrate solar cells into the road enabling it to produce green power. The industry is ready to build greener infrastructure!

We are building for the future

A couple of years ago during a vacation in Italy, I visited my Italian colleague, Stefano Ravaioli, CEO of the Italian Asphalt Pavement Association. In his office, he had a map showing ancient Roman roads. He told me that this 2000-year-old road network is almost correspondent to today's overall road network. In this light, we do not build roads for today or for tomorrow – we build them for the next millennia. Truly an honorable task! But it is also a task, which secures the basis for a united, rich, and competitive Europe.

I wish you all a successful and safe asphalt season for the rest of 2022.

Anders Hundahl,
CEO Asfaltindustrien,
Asphalt Advocate of the year 2022

News

Registration Open for E&E Event 2022 in Vienna

The E&E Event is back this year and will continue the concept that was launched in 2018. This year's E&E Event 2022 will focus on areas from the previous E&E Congress 2021 such as Asphalt 4.0 and Future mobility. In addition, visitors can look forward to interesting topics, interactive discussion platforms, showcasing on many important industry themes, such as health & safety, sustainability and future leaders etc. This unique event will be organised in the charming city of Vienna on 14 & 15 of November in the Hilton Park Hotel.

During these two days, participants will improve their knowledge, meet leaders in the industry and gain a new insight on many industry leading topics through interactive discussions, face to face exchanges and networking. The preliminary programme is already available on the website. Part

of the programme offers an exhibition area, generous coffee breaks and of course an evening social event so participants can benefit from the networking opportunities! The inaugural E&E Event attracted a high level of interest and support from sponsors and exhibitors. Information regarding sponsorship and exhibiting opportunities can be found on the website.

The registration just opened with attractive cost advantages on early bookings. We highly encourage you to reserve your place as demand is high. For more information, visit the dedicated website:

[E&E EVENT WEBSITE](#)





E&E EVENT 2022

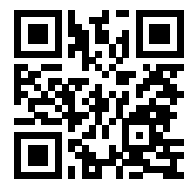
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It's time to introduce our new PR & Communications Officer!

Our new PR & Communications Officer is Regina Madonna, an Italian young professional passionate about communication strategies and trends.

She joined EAPA on 11 April 2022 and she oversees EAPA's Communication Strategy and Campaigns, management of Social Media accounts and Content Creation.

She obtained a Bachelor's Degree cum laude in Foreign Languages and Linguistic Mediation at UNIROMA3 University and a Master's Degree in Interpreting and Translation Studies at the University of international Studies (UNINT) in Rome. She moved to Brussels in 2019 where she started working as Bid and Communications Manager for an international development consultancy. There, she developed a strong interest in the EU environment, EU-funded Projects and Communication. As "never stop learning" is her motto, she is currently enrolled in a Master's

Degree in Digital Marketing and Social Media.

She describes herself as curious and open-minded, always eager to use creative thinking for Communications ideas. She loves to develop new strategies and actions to surprise and engage audiences, she enjoys working with multicultural teams, and she is always willing to embrace new challenges!

"It is a great pleasure for me to have joined EAPA. It is time to bring new, fresh ideas to the table. People outside the Asphalt industry and especially young generations should be involved in this world as they will be the next voice of the European asphalt paving industry. Looking forward to spreading EAPA's Objectives: to create the future for an innovative and modern asphalt industry in Europe that cares for health and safety as well as for protection of the environment and sustainability. Communication is the key!"



EAPA Asphalt Advocate of the Year

The European Asphalt Pavement Association (EAPA) has announced that Anders Hundahl of the EAPA Member Asfaltindustrien, Denmark, has been named as recipient of the "EAPA Asphalt Advocate of the Year" award, during its General Council Assembly meeting on 27 April 2022 in Paris.

With this award, provided since 2017, EAPA honours a member that has demonstrated own initiatives regarding a better asphalt road marketing and the communication of important industry's topics. The Asphalt Advocate should have a strong link with the "Asphalt Advantages" campaign, which EAPA initiated together with Eurobitume, the European Association of Bitumen Producers.

EAPA Secretary General, Dr. Carsten Karcher noted: "I am pleased to be able to hand over this important EAPA award personally to Mr. Hundahl during our General Council Assembly in Paris. Anders is highly active in the EAPA Directors' Group in which he has strongly supported the Asphalt Advantages campaign since its inauguration and promoted it in his own country. This award represents the recognition of all his activities inside and outside EAPA to support the good communication on asphalt topics to the benefit of the asphalt industry over several years. Additionally, he is highly committed to sustainability and especially the sustainability of asphalt and has just recently prepared a Technical Briefing Video on this topic for EAPA."

Responding, Anders stated: "I am happy, proud, and humbled to have received this honorary award as this year's asphalt ambassador. It is a very fine company, if I look at all the asphalt ambassadors of the previous years. In the coming years, I will continue my efforts to inform about asphalt and its benefits, including not least advantages for the climate, in a sober and correct way."

Anders Hundahl started as Director of Asfaltindustrien, the Danish Asphalt Pavement

Association in 2009. Among other things, he is a board member of the Danish Road Association, Vejforum (annual conference for 1,000 road people) and VEJ-EU (trainings for road workers) and external lecturer at the Copenhagen Business School. Prior to his current position as CEO of Asfaltindustrien, Anders worked in both private and public companies, including marketing and PR tasks.

Congratulations, Anders, for this great achievement!



Anders Hundahl (center) holding the EAPA Asphalt Advocate Award in Paris together with EAPA President Dr. Juan José Potti (right) and EAPA Secretary General Dr. Carsten Karchen (left)

EAPA Technical Excellence Award

The EAPA Technical Excellence Award has been created in 2021 to reward people for their outstanding work and research related to asphalt pavements or asphalt industry.

This year, the 2022 EAPA Technical Excellence Award was granted to **Christine Leroy**, Director of Technical Affairs for Routes de France, the French

Road Association representing the Asphalt Sector, and to **Malcolm Simms**, Director of MPA Asphalt (Mineral Products Association), the UK Trade Association representing Asphalt producers and contractors.

The Awards have been delivered during the EAPA General Council Assembly meeting on 27 April 2022 in Paris.

Christine Leroy started her professional career in 1982 for 10 years in the quality survey of cement material. She worked for roads and streets of the City of Paris for 15 years. In 2007, she joined USIRF (now Routes de France). She is a long-time representative for many national and international committees, including AFNOR, CEN, ERF and PIARC. In EAPA she is highly active in the Technical, Health, Safety & Environment Committees, the Board, and several Task Groups. She is the national focal point for the French version of "Asphalt Advantages".

Malcolm Simms started his professional career in 1992 and has held several roles in the construction and materials sector in the UK. In the year 2000 he joined MPA (then known as QPA) and is currently Director of MPA Asphalt. He is a long-time industry and UK representative for many national and international committees, including at BSI and CEN. In

EAPA he is highly active in the Technical, Health, Safety & Environment Committees, the Board, and several Task Groups.

Their expertise is highly appreciated by EAPA Staff and EAPA Committee members and we hope that this fruitful alliance goes on for many more years.

Congratulations to our winners!



Malcolm Simms (center) holding the Technical Asphalt Excellence Award in Paris together with EAPA Secretary General Carsten Karcher (left) and EAPA Technical Director Breixo Gomez Meijide (right)



Malcolm Simms (left) and Cristine Leroy (right) holding the Technical Asphalt Excellence Award in Paris together with EAPA President Juan José Potti (center)



Christine Leroy (center) holding the Technical Asphalt Excellence Award in Paris together with EAPA Secretary General Carsten Karcher (left) and EAPA Technical Director Breixo Gomez Meijide (right)

#Runnersloveasphalt – Win a set of shirts

Every moment is the right one to get a new shirt and go running!

EAPA has started the **#RunnersLoveAsphalt** campaign launching the hashtags **#asphaltrunners** and **#runnersloveasphalt** and the aim is to reward the best social media contribution including these hashtags and nice pictures of runners on asphalt.

The award has never been celebrated so far, so this will be your occasion to be **the first winner** of our campaign and to be rewarded with a **fantastic prize**, showing your love for asphalt, sport and sustainability! The posts on **Twitter, Instagram, Facebook or LinkedIn** with the best content will be awarded on selection by EAPA. The winner will receive a set of six "Runners Love Asphalt" shirts and will be presented in this year's during the **E&E Event in Vienna on 14-15 November 2022**.

You will find our special black shirts, in both short and long-sleeve versions. They have been pro-

duced by CRAFT, the Dutch sports clothes manufacturer, and have a high-level printing and a high-quality technical fabric. The shirts are available on the website of the German Asphalt Pavement Association for a price of 25€ including shipping cost within Europe.

SHOP THE SHIRTS

So... Runners, it's your turn! Support our initiative and let's spread Asphalt's voice among your friends and families.

How to participate:

- follow us on social media (LinkedIn, Twitter, Facebook, Instagram)
- use the hashtags **#asphaltrunners** and **#runnersloveasphalt** in your photos
- Be creative!



EAPA President Juan José Potti (center) together with EAPA Secretary General Carsten Karcher (left) and EAPA Technical Director Breixo Gomez Meijide (right) in Paris



EAPA President Juan José Potti (center) together with EAPA Secretary General Carsten Karcher (left) and EAPA Technical Director Breixo Gomez Meijide (right) in Paris

Three new publications on the circular economy of asphalt

In the last years, sustainability and circular economy have become a top priority of the EU Administration, as well as most National Administrations across Europe. Considering that asphalt is a material easy to repair, 100% re-usable and recyclable, and that more than 90% of the European road network is currently surfaced with asphalt, it is clear that the European asphalt industry has the potential to become a key tool for Governments to achieve the most ambitious environmental objectives.

After more than 2 years of work of the Technical Committee, and particularly the EAPA Task Force on Re-use of Reclaimed Asphalt, the EAPA General Council Assembly finally approved in April 2022 a batch of three documents on the circular economy of asphalt. These documents are available here:

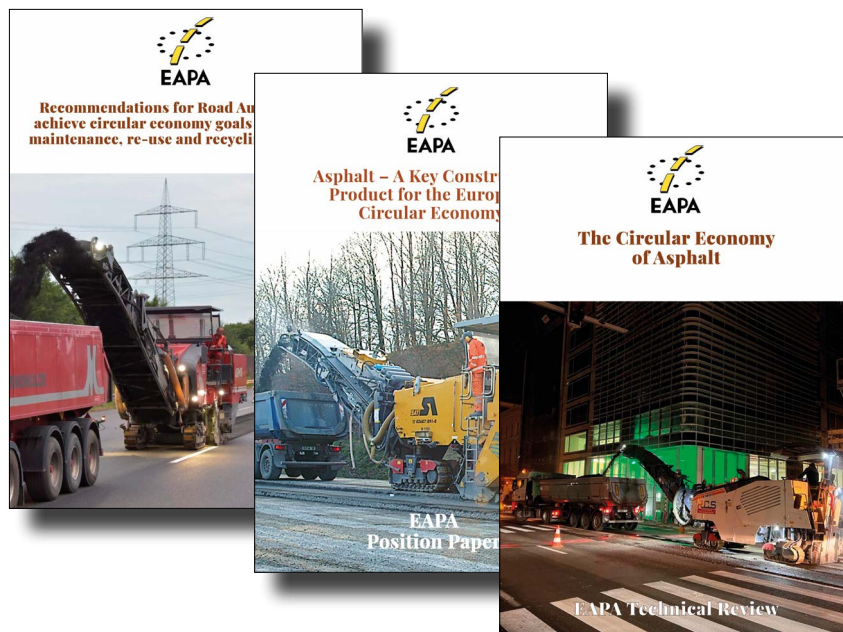
The Circular Economy of Asphalt

The aim of this Technical Review is to present all the technical information related to the circular economy of asphalt, including guidance and best practices on preventative and repair techniques to extend the service life of asphalt, techniques to re-use and recycle it at the end of its life, environmental life-cycle benefits and the regulatory framework in Europe. The document is mainly intended for industrials working in the asphalt paving sector but it also offers a great overview of the techniques used for students, administrators or general public interested in this passionate topic.

Asphalt - A Key Construction Product for the European Circular Economy

The aim of this Position Paper is to summarise, in a clear and concise way, the position and common understanding of the European asphalt paving industry on the circular use of asphalt and its

PUBLICATIONS



Batch of EAPA publications on the Circular Economy of asphalt

potential to achieve the current European objectives in the construction sector. This document includes important definitions (such as the difference between asphalt re-use and recycling), the discussion of barriers and risks (such as the end-of-waste criteria in different countries or the uncontrolled use of waste materials from other sectors into asphalt), and a series of recommendations for stakeholders to achieve a better regulatory scenario, which maximises the circularity in the road sector.

Recommendations for Road Authorities to achieve circular economy goals through the maintenance, re-use and recycling of asphalt

The achievement of a better regulatory scenario, which maximises the circularity in the road sector is mostly in the hands of Road Authorities and policy makers. With the aim of helping and working with them, EAPA created this document, which gathers in a brief and descriptive way, the current regulatory situation in European countries, the environmental benefits of using RA and an overview of available technologies to extend the service life of asphalt pavements, as well as to re-use and recycle them at the end of their life. After this, a series of recommendations for Road Administrations are listed.

These articles add on the very first [video](#) of the Generation Asphalt series on the same topic, which is available on the [EAPA YouTube channel](#), as well as in the [Videos](#) section of the EAPA website.



Video of the series "Generation Asphalt" on asphalt re-use.

New Member infraTest Testing Systems

infraTest Testing Systems has been producing test equipment for the road construction industry for over 30 years. With their very diverse team they are able to work with all sectors of our industry. In addition, they are now increasingly working in the field of digitalization and Asphalt 4.0 with their new subsidiary infraTest Digital Solutions.

InfraTest had already been EAPA Member from 2013-2015 and decided now to re-join EAPA because of their strong interest to contribute and to support the digital transition in the asphalt industry. They found the EAPA Asphalt 4.0 Committee especially interesting. The new Committee member of infraTest, Ersun Görener said: "We look forward to working with you and contributing our knowledge around testing technology, sensor technology and digitalization."

For more information, please visit the website of infraTest:

WEBSITE OF INFRA TEST



New publications on High-performance Asphalt Pavements

Increases in the European road freight transport, vehicles weight, tyres pressure and frequency of extreme climatic events could deteriorate the European road network, bringing it closer to the end of its service life and requiring more frequent maintenance operations.

In this scenario, road transport is also nowadays experiencing one of the greatest revolutions of its history, with the arrival of new users, such as the autonomous, electric and high-capacity vehicles, which will help mankind to fight Climate Change and increase road safety.

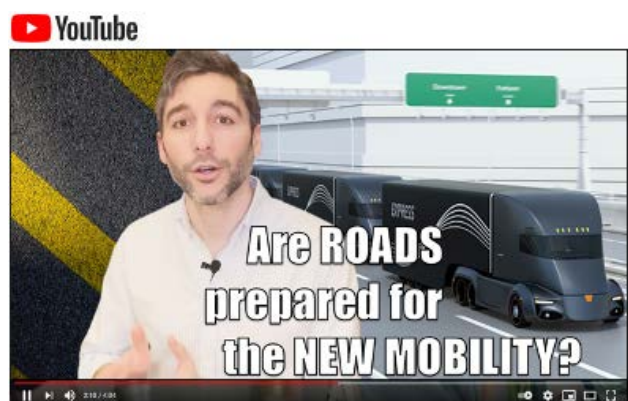
However, all these are vehicles with enhanced road requirements might need pavement solutions that traditionally were only used in particular applications.

In March 2022, EAPA published a [Technical Review](#) and a [Technical Briefing](#) titled “High-performance pavements – adapting for future road networks”. Both documents present the main technologies and design criteria, which Asphalt Industry de-

veloped over the last years to support this type of traffic, while ensuring adequate durability and safety in our roads. Hence, the documents show how the Asphalt Sector is completely prepared and has capacity to give support to the traffic of new vehicles with enhanced road requirements, as well as to adapt the European road network wherever necessary.

While the Technical Review contains an extensive amount of detailed technical information useful for industrials, students and stakeholders involved directly in pavement design and construction, the Technical Briefing provides a summary of the most relevant information in a more-visual format of only a few pages, easier to handle to colleagues, clients, policymakers and media.

As a complement to the previous publications and in order to expand the outreach to the youngest generations of professionals and general public, a new [video](#) of the series Generation Asphalt was also published on the [EAPA YouTube channel](#), as well as in the [Videos](#) section of the EAPA website.



New video of the series “Generation Asphalt” on High-Performance Asphalt Pavements.

Documents recently published by EAPA on High-Performance Asphalt Pavements.

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Our Warm Mix Additive is now also added to the Pilot-list of BAST in Germany.



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EAPA Committees

Executive Committee meeting and General Council Assembly in Paris

On 26 April 2022 the joint Executive Committee and Directors' Group meeting was held in Paris with 13 people attending face-to-face and 6 people attending remotely. It was the second hybrid meeting for this group. In the obligatory Round Table discussion, the participants took a big part of the time for the meeting to talk about the current issues and hot topics in their member states. EAPA Secretariat presented the financial figures of 2021 and some other issues like membership services and plannings of Events and especially the upcoming 50 years of EAPA celebration. There was an intense exchange on the activities and campaigns on the Brussels floor with European Commission and other associations. Also, the General Council Assembly on the next day was finally prepared.

The next day, on 27 April 2022, the yearly EAPA General Council Assembly was held also as a hybrid meeting with 18 participants. The assembly approved the excellent EAPA finances of 2021 and discussed the membership situation. This was followed by the exchange on the activity reports of the Executive Committee, the EAPA Secretariat and all EAPA Committees. The current members of the Executive Committee E.O. Andersen, R. Pomp, F. Chaignon, S. Henigman, J.J. Potti, A. Özcan and B. Kent were (re-)elected for the period 2022-2024. EAPA Secretariat informed the assembly about the activities and plans for the E&E Event 2022, the 50 years of EAPA celebration, the E&E Congress 2024, and especially the recently signed agreement with our long-time partner Eurobitume for the E&E Alliance that will organise the upcoming E&E activities. At the end of the assembly, Anders Hundahl, Christine Leroy and Malcolm Simms were honoured with the EAPA Asphalt Advocate of the year and EAPA Technical Excellence Award (see extra articles in this magazine).



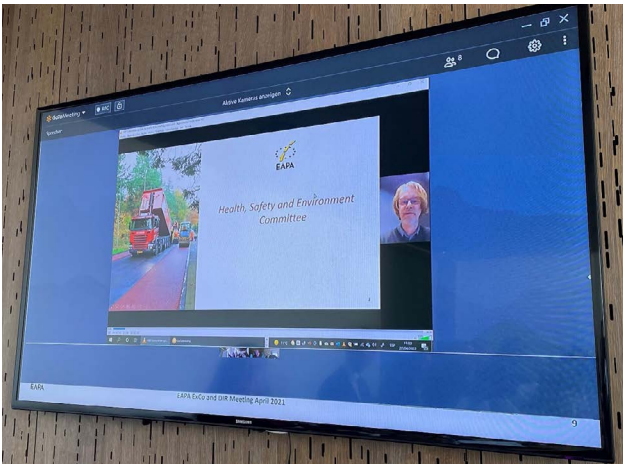
EAPA General Council Assembly on 27 April 2022



Malcolm Simms (left) and Francois Chaignon



The EAPA Secretariat: Carsten Karcher, Regina Madonna, and Breixo Gomez (from left to right)



HSE Committee Chairman Mats Wendel presenting the Work of the Committee online



Host and EAPA Excellence Award winner Christine Leroy from Routes de France



Participants of the EAPA General Council Assembly

Spring 2022 Committee meetings

Day 1 – Health, Safety and Environment (HSE)

As usual, the agenda of the first day covered the topics related to Health, Safety and Environment. HSE Committee Chairman, Mats Wendel, opened the meeting with an introductory roundtable, during which Members explained how the new Ukrainian conflict, added to the persisting Covid-19 situation, are affecting the road paving sector in their respective countries. They also presented the measures being taken by the industry to maintain the production under the same quality standards and with safe conditions for the workforce.

After that, the reports from different EAPA Task Forces were presented. Especially relevant was the report from the new TF Decarbonisation, which was officially kicked-off in January 2022, with the main objective of finding a common understanding / position in EAPA on the potential for decarbonisation and the readiness of the asphalt industry to achieve carbon neutrality in the paving sector. It is expected to eventually produce an EAPA Position Paper (containing the decarbonisation roadmap of the asphalt paving sector) and related presentations in events and digital communication. As one of the first activities, a Questionnaire was shared among EAPA National Associations to obtain information of the current situation and establish the comparative baseline for the further calculations.

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 the latest developments.

The Members of the HSE Committee also reviewed the outcomes of the latest joint EAPA-

Eurobitume HSE/TC meeting held in December 2021. It was agreed that the quantity and quality of the presentations given by the Members of both Associations in this edition was extraordinary. In total, this “internal symposium” served as a platform for around 60 Experts, who could exchange for about 6 hours on a long list of hot topics related to Standardisation, Sustainability, Health and Safety.

The meeting continued with updates on new regulations, studies and campaigns related to HSE matters across Europe. A good example was the review of the extensive material published by The European Network on Silica (NEPSI), which includes good practice documents and training programmes for jobs involving Silica dust exposure.

Finally, possible inputs were discussed for the for the public consultations launched by the European Commission on unintentionally released microplastics from tyres and on the revision of the Waste Framework Directive, which among other things, sets the regulatory framework for the re-use and recycling of Reclaimed Asphalt.

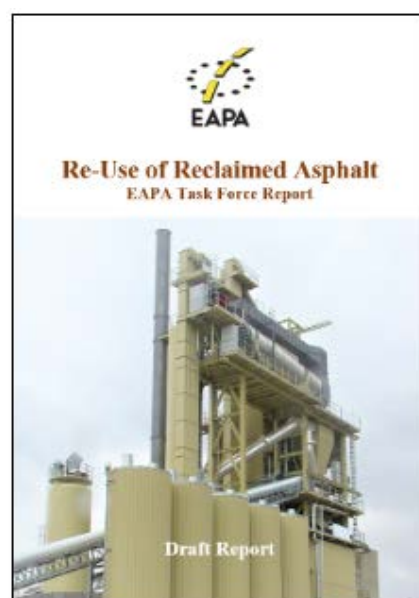
Day 2 – Technical topics

After the apologies sent by the Chairman of the EAPA Technical Committee, Knut Johannsen, the second day of the meeting was moderated by co-chair Malcolm Simms (Mineral Products Association, UK). The agenda of the day was particularly focused on technical aspects.

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, pre-approved a batch of three documents for publication.

The Task Force on Warm Mix Asphalt, which started its activity almost a year ago, was especially active in collecting information on the current use of WMA across Europe. For that, a digital questionnaire was created and shared among 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. Based on this information, and similarly to the previously-mentioned TF, this TF is now working on three documents for specific audiences: Technical Briefing for Road Administrations, Technical Review for Industrials and an EAPA Position Paper.



Draft Report of the EAPA Task Force Re-use of Reclaimed Asphalt

The data included in the latest edition of the famous “Asphalt in Figures” (2020), which EAPA published in December 2021, was also commented. In order to improve the way that National Associations obtain the data, and to make clearer the way in which the information is presented to the public, different changes have been also discussed. These will be implemented in the upcoming editions.

After reviewing the latest developments at CEN Standardisation Committees (especially related to bituminous mixtures, bituminous binders and ag-

gregates), other technical topics were discussed. Some of these were the use of Warm Mix Asphalt, the use of waste and by-products from other industries into asphalt, alternative binders and the contribution of asphalt to the resilience of the road infrastructures.

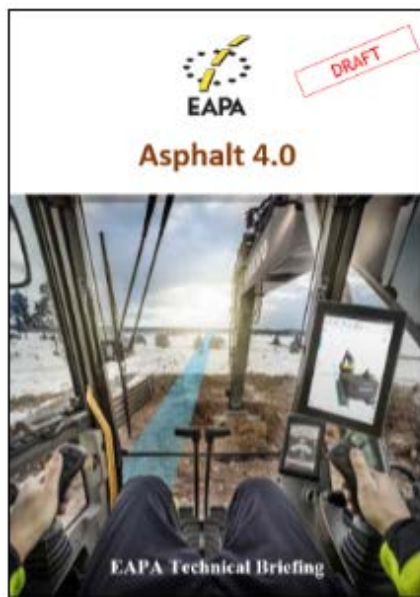
Day 3 – Asphalt 4.0

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.

Although extensive information on the definition of Asphalt 4.0 and digital innovations has been already published on the EAPA website, during the last meeting, Members agreed to develop a Technical Briefing document on Asphalt 4.0. In this meeting, the technical content of a first draft was discussed.

In addition, the content of the upcoming International Conference on Asphalt 4.0, organised by the respective Asphalt Associations of Spain (ASEFMA) and Slovenia (ZAS), and with the collaboration of EAPA, was discussed.

Another interesting topic in the agenda was the potential of Asphalt 4.0 technologies, such as robotic/autonomous construction equipment, as a solution to minimise on-site work risks (e.g. exposure to traffic emissions, accidents, etc.), as well as to the scarcity of young professionals in the sector.



Draft Technical Briefing on Asphalt 4.0

News from Brussels

Revision of the Construction Products Regulation

The Construction Products Regulation (CPR) aims to ensure that construction products can freely circulate within the Single Market. To achieve this, the Construction Products Regulation lays down harmonised rules for putting construction products on the EU market.

The existing harmonised rules focus on how to express the performance of construction products in relation to their essential characteristics like for instance how they react to fire, how they conduct heat or insulate sound. The current legislative framework also provides harmonised rules on the CE marking of these products. This ensures that reliable information is available to professionals, public authorities and consumers, so they can compare the performance of products from different manufacturers in different countries.

In 2020, The EU Commission found that, while the current rules have guaranteed a harmonised framework for the marketing of construction products in the EU, there were still some aspects that need to be improved. This is particularly so as regards the process in place to elaborate harmonised standards for construction products. Very few harmonised EU standards have been referenced in the EU Official Journal in recent years. This issue affects the product standards of asphalt mixtures (CEN TC227), bituminous binders (CEN TC336) and aggregates (CEN TC154) among many others.

In addition, the current Regulation is not fit to deliver on broader policy priorities, particularly on the European Green Deal, and it is also necessary to accelerate the uptake and deployment of digital technologies.

For all these reasons, the EU Commission launched in 2020 a series of public consultations on the way forwards to solve the above-mentioned situation. After more than one year of further work and discussions, on 30 March 2022 the Commission finally

submitted to the European Parliament and Council a proposal for the revision of the CPR.

The [draft](#) and corresponding [Annexes](#) are now being subjected to a new [public consultation](#) with the aim of obtaining feedback from European stakeholders. The deadline for comments will be on 12 July 2022.

In order to facilitate the understanding of the most relevant changes that the new proposal may introduce in the asphalt paving sector and better prepare the feedback for the public consultation, EAPA created an Internal Document, which is already available on the [Members Area](#) of the EAPA website.



EAPA Internal Document on the Overview of the main changes proposed by the European Commission for the revision of the Construction Products Regulation.

International Road Maintenance Day (#IRMD2022)

On 7 April 2022 the International Road Maintenance Day (IRMD) was held for the fifth time. The motto of this edition was "Maintaining roads is protecting the environment". During that day, several related conferences were held and EAPA Secretary General participated in a Spanish conference, the Fifth Congreso Andaluz de Carreteras (CAC), and gave a presentation on "Importance of Road Maintenance for the Decarbonisation of Road Transport". He was joined by the EAPA Members Christine Leroy from Routes de France and Anders Hundahl from Asfaltindustrien, the Danish Asphalt Pavement Association. You can find Anders' and Carsten's presentations on the EAPA Website:

For more information, please visit the website:

ASEFMA

and check the hashtag #IRMD2022. The next IRMD will be held on the first Thursday of April 2023, which will be the 6 April 2023.

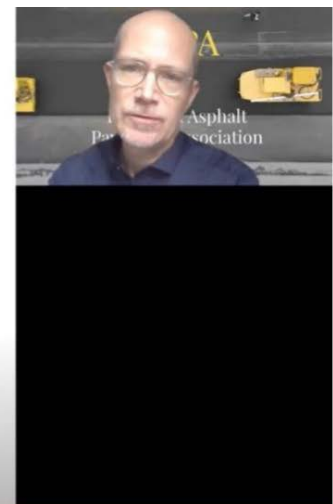
EAPA VIDEOS

• I N T E R N A T I O N A L • Road Maintenance Day



Importance of Road Maintenance for the Decarbonisation of Road Transport

*Dr. Carsten Karcher
Secretary General*



Board Policy Dinner with UEPG

On Wednesday, 27 April 2022 EAPA Secretary General Carsten Karcher was invited by EAPA's partner association UEPG (European Aggregates Association) to a Board Policy Dinner in the Club Royal des Guides in Brussels.

A green and secure Europe was discussed and how both associations can contribute with aggregates and asphalt for the necessary infrastructure (roads, bridges, airports, and ports). Furthermore, developments to improve future joint perspectives and also collaborations were exchanged.

It was a fruitful meeting in a very nice atmosphere, where UEPG invited Carsten Karcher to participate in its 35 years of UEPG celebration in June 2022.



From left to right: Dirk Fincke (UEPG Secretary General), Thilo Juchem (Former UEPG President), Carsten Karcher (EAPA Secretary General), Antonis Latouros (UEPG President), Armin Richter, Jim O'Brian.

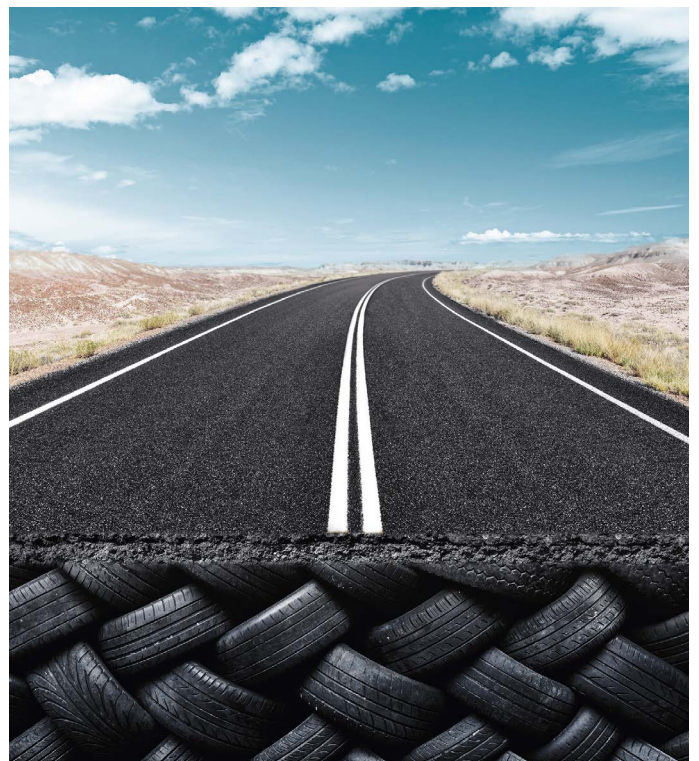
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Conferences and Events

HAPA Conference 2022

The XXII International Conference organised by the Hungarian Asphalt Pavement Association (HAPA) was held on 15-16 February 2022 in Siófok, nearby the wonderful Lake Balaton.

The previous edition of this biannual conference, held in February 2020 was one of the very last, which still could be held physically before the Covid-19 pandemic. On the other hand, this edition was one of the first to be held again in the same way. In addition, by the first time, the Conference was organised as a hybrid event, allowing people, who could not participate in person, to follow the streaming online and even send questions via Slido.

HAPA Secretary General, Tibor Veress, opened the event in an introductory session, in which the latest developments and future perspectives for transport development in Hungary were presented.

In the second session, Slovenko Henigman, Secretary General of the Slovenian Asphalt Pavement Association and Member of the EAPA Executive Committee, gave a presentation on "What is Asphalt 4.0?". In this, he highlighted the importance of new technologies to meet the current requirements and attract young professionals. After this, EAPA Technical Director Breixo Gomez continued the topic by presenting all the EAPA activities, which are currently being undertaken to support the implementation of Asphalt 4.0 technologies in the European paving sector (document available on the [EAPA website](https://www.eapa.eu)).

The following sections, on high performance asphalt mixtures, production energy reduction technologies, long-life pavements and asphalt re-use, had also presentations from a great deal of EAPA members, such as:

- Nándor Kolozsvári: "Interesting changes in the Hungarian Road Prescriptions concerning the asphalt mixtures and layers".
- Gábor Roszik: "Issues in determining CO₂



Tibor Veress



Szabolcs Rosta



Slovenko Henigman

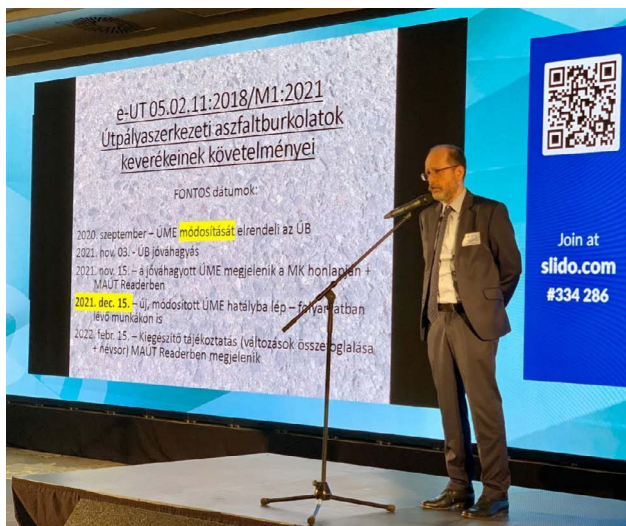
emissions from asphalt production and installation”.

- Szabolcs Rosta: “Special challenges in connection with the construction of the Zala Zone test track: Dynamic platform, Breaking platform”
- Xavier Carbonneau: “Investigation on the service life of noise-reducing and cold-produced asphalt in Paris” and “Experiences with aged bitumens”.
- Shahin Eskandarsefat: “Eternal pavements with graphene-based supermodifier”.

The Conference was also an excellent opportunity for the around 200 participants and exhibitors to further exchange and discuss over lunch and coffee breaks, as well as during the gala dinner.



Shahin Eskandarsefat



Nándor Kolozsvári



Breixo Gomez during his presentation

Berchtesgaden Coffee Breaks

In order to continue the tradition of the German Asphalt Days in Berchtesgaden in 2022, JRS - J. RETTENMAIER & SÖHNE invited to one-hour meetings in front of the screens on the three days planned for the event (16-18 February) - the Berchtesgaden coffee breaks 2022.

On each day, the participants were provided with information by an invited speaker. On day one by DAV Executive Director Dipl.-Ing. André Täube, on day two by EAPA Secretary General Dr. Carsten Karcher and on day three by Ms. Derya Guran, Head of Innovations at Autobahn GmbH.

The presentation of the current situation and future challenges led to intensive discussions in the style and spirit of the German Asphalt Days. The hot topics were sustainability, environment, innovation, temperature-reduced asphalt, CO2 reduction, alternative fuels, alternative binders and asphalt reuse.

In addition, the external representation of the asphalt industry was addressed clearly and in direct connection with the issue of a shortage of skilled workers and young people. These topics that will certainly accompany us for some time to come.



In-house exhibition and 30 years of infraTest

From 10 to 12 May 2022, EAPA member infraTest Prüftechnik GmbH hosted a three-day event with expert presentations and many small workshop areas with a focus on asphalt and bitumen testing technology. 200 people participated in this in-house exhibition for the 30th anniversary of infraTest.

"Excited, prepared and fine-tuned! The consistently positive response from our customers is the best reward for the intensive preparation phase," explained CEO Matthias Martus during the in-house exhibition. The testing industry is passing through a structural change, which is not only expressed in the new sustainability strategy of many companies. The digitalisation of laboratories and smart cores also complement the new orientation through the company infraTest Digital Solutions, which was founded in January, and presented in the exhibition.

EAPA Secretary Carsten Karcher participated in the exhibition for two days and was happy to meet many colleagues from Germany but also from Europe and to get new insights for his everyday work for EAPA.



infraTest Staff and EAPA Secretary Carsten Karcher at in-house exhibition (from left to right) Mirko Röger, Vanessa Frommel, Carsten Karcher, Matthias Martus and Ersun Görener.



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EAPA-Eurobitume activities

Joint EAPA Executive Committee and Board of Directors meeting

The yearly exchange of the boards of EAPA and Eurobitume, the European Association of Bitumen Producers, was held on 29 March 2022. 16 members of both boards participated in this online meeting, chaired by Eurobitume's President Frank Biel. Highlights from the Joint Health & Safety, Technical and Sustainability meeting 2021 were exchanged. Main topic of the meeting was the preparation of further joint Euraspfalt & Eurobitume (E&E) activities, to continue the suc-

cessful joint collaboration e.g. on E&E Events and E&E Congresses. For this, a collaboration agreement was discussed and agreed, that was signed a few days later by the Secretary General of EAPA, Carsten Karcher, and the Director General of Eurobitume, Siobhan McKelvey. The new collaboration will be called "E&E Alliance". Furthermore, the status of the preparations for the E&E Event 2022 and E&E Congress 2024 were reported.



Secretary General of EAPA, Carsten Karcher and the Director General of Eurobitume, Siobhan McKelvey signing the new E&E Collaboration Agreement.

European Standardisation

CEN TC227 – Road Materials and CEN TC227 WG1 – Bituminous Mixtures

The latest plenary meeting of CEN TC227 was held online on 19 May 2021, while the latest meeting of CEN TC227 WG1, group that is currently chaired by the EAPA Technical Director, was held on 10-11 May 2022.

The CEN TC227 Chairman's Advisory Group held also a meeting on 27 April 2022, in which the discussions focussed 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.

After extensive discussions over the last years, CEN TC227 Secretariat decided to launch until December 2021 a CIB (Committee Internal Balloting) to let National Mirror Committees decide how to proceed. After receiving the results, it was decided to stop the work on the revision of harmonised standards and prepare for the possible development of a future Standardisation Request.

The Standardisation Request will be finally approved when the so-called Acquis Revision System, launched by the EU Commission in 2021, reaches the turn of the product family "Road Construction" (involving TC227 product standards).

In the last meeting of CEN TC227 WG1, it was decided to support the above-mentioned decisions by creating a new Task Group (TG5) for the discussion of the inputs for a future Standardisation Request.

Regarding Test Method Standards, around 20 Parts of the EN 12697 series are nowadays under discussion. The revisions of the following parts

have been recently published:

- EN 12697-7: Determination of Bulk Density of bituminous by gamma rays (February 2022)
- EN 12697-15: Determination of the segregation sensitivity (February 2022)
- EN 12697-36: Determination of the thickness of a bituminous pavement sensitivity (April 2022)
- EN 12697-37: Hot sand test for the adhesivity of binder on Precoated Chippings for HRA (April 2022)
- EN 12697-48: Interlayer bonding (November 2021)
- EN 12697-49: Friction after polishing (February 2022)

The next CEN TC227 Plenary Meeting will be held online on 29-30 June 2022, while the next CEN TC227 WG1 meeting will be in Paris on 8-9 November 2022.

CEN TC227 WG6 – Sustainability

CEN TC227 WG6 keeps focusing efforts on the Product Category Rules (PCR) for the Environmental Product Declarations (EPD) of Bituminous Mixtures.

In October 2021, a full draft of a CEN Technical Specification (CEN/TS) was prepared with the support of EAPA Experts but, as this kind of documents are not subjected to CEN Enquiry before the final Formal Vote, WG6 decided to request comments directly to National Mirror Committees with deadline on 31 December 2021.

Numerous comments were received and now WG6 continues discussing them with meetings every month. The goal is to have a document approved as soon as possible, as many countries are currently discussing how to develop their own PCR without a European reference. Hence, this CEN/TS could help to homogenise the process and converge towards a common approach across Europe.

In February 2022, WG6 also had the opportunity to meet with a Member of CEN TC350 "Sustainability of Construction Works", the TC which, among other Standards, published the well-known EN 15805+A2, containing the Core Rules for the EPD of construction products. In this meeting, it was possible to exchange on the most critical aspects of the new draft, which will help to avoid mistakes that can delay its final approval.

CEN TC336 – Bituminous Binders and CEN TC336 WG1 – Bituminous Binders for Paving

The latest plenary meeting of CEN TC336 was held online on 17-18 November 2021, while the latest meeting of CEN TC336 WG1 was on 9-10 March 2022.

The main discussions covered the non-citation of product standards, which similarly to the case described for CEN TC227, were approved by CEN but rejected for citation in the OJEU.

Unlike asphalt mixtures, bitumen is a material with great international market across borders. Hence, the lack of updated Product Standards for the correct implementation of CE-Marking has put the sector in a complicated situation. Consequently, CEN TC336 decided to work on a draft Standardisation Request already a couple of years ago. After a long drafting process, the draft was finally submitted to the European Commission but, as explained for the case of CEN T227, CEN TC336 will have to wait for the Acquis Revision System to reach their turn.

In the meanwhile, the product standard EN 14023 "Polymer modified bitumen" went for the 5-year Systematic Review and CEN TC336 WG1 worked extensively on a new draft, which includes a series of new essential characteristics and would fit in the framework of the new Standardisation Request. However, as this was not approved yet, the draft,

which in his current status does not comply with the old Mandate M/124, was rejected for citation in the OJEU. After this, CEN TC336 launched a CIB to decide how to proceed (deadline 31/05/2022).

In addition to this, the Task Group on the sustainability assessment of bituminous binders, which CEN TC336 launched in October 2021 continued working on recommendations in terms of needs 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.

Finally, the Task Group created for the revision of the Standard EN 12597 "Terminology" continued working on the new draft, which among other novelties, 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".

Regarding test method standards, around 10 standards are currently at some point of the revision process, while the following have been recently confirmed after the 5-years systematic review:

- **EN 12592:2014** Determination of solubility.
- **EN 12607-2:2014** Determination of the resistance to hardening under the influence of heat and air – Part 2: TFOT Method.
- **EN 12607-3:2014** Determination of the resistance to hardening under the influence of heat and air – Part 3: RFT Method.
- **EN 13632:2010** Visualisation of polymer dispersion in polymer modified bitumen

- **EN 12593:2015** Bitumen and bituminous binders – Determination of the Fraass breaking point.
- **EN 12606-1:2015** Bitumen and bituminous binders – Determination of the paraffin wax content – Part 1: Method by Distillation.

The next CEN TC227 WG1 meeting will be held in Berlin on 16-17 November 2022, while the next CEN TC227 Plenary Meeting will be on 30 November 2022.

CEN TC154 - Aggregates

CEN TC154 continues with the revision of draft aggregate product standards based on the comments received in 2021 from the HAS Consultant and CEN Enquiry.

Besides continuing the work on the PCR for the EPD of aggregates, CEN TC154 WG13 “Dangerous Substances and Sustainability” sent a questionnaire on Regulated Dangerous Substances (RDS) to member states. The results were obtained in March 2022 and after some discussions, in the latest Plenary meeting on 19 April 2022, it was decided to include clauses for RDS and radiation into indoor air in the aggregate product standards. This was also motivated by the fact that test methods to obtain eluates are now available (will turn from “TS” into “EN” this year).

Despite the advances in these drafts, discussions may extend for one more year. Therefore, the 2nd CEN-Enquiry may not take place until the second half of 2023.

Upcoming conferences & congresses

International Asphalt 4.0 Conference

Asefma and ZAS, in collaboration with EAPA, will organise on 20-21 September 2022, the "International Conference Asphalt 4.0" (#ICA4point0) where the latest technologies related to digital transformation of asphalt mixtures will be presented and analysed.

The Organisers expect that, besides the interest for the current professionals of the sector, this Conference will be also the starting point of training and development programmes for future professionals, helping to attract more young talent to this new asphalt industry.

The Conference will be held in Madrid by continuing the initiative that Asefma launched in May 2020 on the same topic and in the same city. However, on this occasion the event will expand to an international scale in line with the thematic area. For this reason, the event will be organised in close collaboration with the EAPA Technical Committee on Asphalt 4.0, as the driving force of the digitalisation of the European asphalt industry.

The event will be developed under the PDV format (presential+digital+virtual), so participants will be able to attend:

- Face to face, in Madrid (Spain)
- Digitally, by HD streaming and social media through the hashtag #ICA4point0
- Virtually, by means of the Conference App, where attendees may interact in real time, follow the conferences, raise questions to the speakers or visit the virtual exhibition area, amongst others.

Organisations and entities are encouraged to present their cutting-edge digital technologies that imply any advance which may be considered 4.0 in the asphalt industry, as well as any interesting digital solution, which may optimise the conditions for our workforce, maximise the satisfaction for our clients and provide the best experience for the road users. R&D&I Centres are also invited to present

their advances to the asphalt community. In this regard, the virtual tool will also offer a space to present projects interactively.

The proposals must be submitted by 15 June 2022 at asefma@asefma.com.es, along with:

- Title of the paper;
- Data of the authors (full name, organisation and contact mail);
- Summary of the paper not longer than 700 words.

For all those participants travelling to Madrid, the programme also includes an exhibition area and demonstration sessions for state-of-the-art technologies during the afternoon sessions.

Sponsorship opportunities will be also available for organisations to promote their products and services in a direct and efficient way to the attendees of the event.

More information will be released soon on the websites of ASEFMA, ZAS and EAPA, as well as on social media under the hashtag #ICA4point0.



EAPA meetings and dates

EAPA & CEN

June 2022

9 Jun 2022	CEN TC336 Chairman's Advisory Group
20 Jun 2022	CEN TC336 TG Revision EN 12597
27 Jun 2022	CEN TC154 WG13 Regulated Dangerous Substances
28 Jun 2022	CEN TC227 WG6 Sustainability
29-30 Jun 2022	CEN TC227 Plenary meeting

Sept 2022

13 Sep 2022	CEN TC336 TG Environmental Sustainability
27 Sep 2022	Health, Safety and Environment Committee meeting
28 Sep 2022	Technical Committee meeting
29 Sep 2022	Asphalt 4.0 Committee meeting
29 Sep 2022	Communications Committee meeting

Nov 2022

8-9 Nov 2022	CEN TC227 WG1 Bituminous Mixtures
14-15 Nov 2022	2 nd 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 2022	CEN TC336 Plenary Meeting

March 2022

15-16 Mar 2023	CEN TC336 WG1 Bituminous Binders for Paving
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April 2023

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

May 2023

10-11 May 2023	CEN TC227 WG1 Bituminous Mixtures
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 <p>HAD - Croatian Asphalt Association</p>	 <p>asphalt FÜR ALLE FÄLLE</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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