

EAPA MAGAZINE 42 - MAY 2018



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INTRODUCTION

Dear EAPA members, dear Asphalt friends,

Welcome to the 42nd issue of the EAPA Newsletter / Magazine.

As usual this Magazine will give you an overview of what happened in Brussels, in Europe and outside Europe regarding asphalt in the past 5 months.

In this period there was an interesting item that was discussed at various meetings from different angles. It is digitalisation and the influence digitalisation will have on our activities in the future. Digitalisation is not new but it is interesting to see the current developments.

I will start with the E&E Event 2018 that will be held in Berlin on 14 and 15 June 2018. The theme of this Event is "Preparing the asphalt industry for the future". Here each session will start with short presentations followed by interactive discussions with the goal to get a clear view what the future could bring and how we should anticipate to that to be prepared. The goal of the Event is to find answers together. At the end of the Event the attendees should have a clear view of what the future could look like. Coming back to digitalisation, in session 1 there will be an interesting presentation about how technology such as digitalisation, connectivity and autonomous driving will impact our

roads in the future. In Session 5 the use of big data, smart data and BIM (Building Information Management) will be addressed. Collecting data is easy but it is important to collect and store only data that are useful. It might take some time but BIM will become really important in the future. In Germany the Federal Ministry of Transport and Digital Infrastructure in Germany published "Road Map for Digital Design and Construction". It gives an introduction of modern, IT-based processes and technologies for the design, construction and operation of assets in the built environment. It mentions that digital methods such as BIM are offering great advantages and should therefore be applied more widely.

During the DAV Asphalt Days in Berchtesgaden Mr Rainer Bomba (State Secretary of the German Federal Ministry of Transport and Digital Infrastructure) mentioned this too and he stressed that it is important for the construction industry to move with the times.

In 2018 the European Construction Forum (ECF) talked about Construction 4.0. They decided to create a joint Manifesto on Digitalisation and to create a road map on Digitalisation/Construction 4.0.

In the EAPA Asphalt Plant and Equipment Manufacturers Group and in the Technical Committee we discussed a Digital Road Map for the asphalt sector.

Digitalisation is also related to the theme of the 7th Euraspalt & Eurobitume Congress (E&E congress), which will be held on 12 – 14 May 2020 in Madrid: "Asphalt 4.0 for future mobility".

In relation to digitalisation also discussions about electronic CE Marking can be mentioned.

All the above-mentioned items about digitalisation are related to each other. The digitalisation will continue and it is important to have a road map where the relations between all items mentioned are shown.

This can be explained in short by the following example: At a certain moment (or already now) the contractor will receive the tender documents digital. He can import the data received into his own system and use the data provided for his calculations. When he does the calculations, he can already allocate space for the asphalt production in the asphalt plants, for the workers, equipment and transport needed. When the system works well he already can see whether the job will fit in his planning and when he gets the job, he could just confirm the preliminary reservations he had made.

The data created during initial type testing, asphalt production, asphalt paving and compaction can be added to that system in a later stage. A part of these data could be connected to the BIM system of the road owner so he knows in



the future what his assets consist of.

This system will only work if the various systems are able to communicate with each other, to exchange data. Of course, there are many other important items like who owns the data, who is responsible for what, etc.

In short, the elements are there, but it will take a lot of effort to put them together as a system that really works. For that reason, it is good to start thinking about how digitalisation can assist us in obtaining a durable and sustainable (asphalt) road infrastructure.

Next to digitalisation there are many other interesting items mentioned in this issue of the EAPA Magazine, please enjoy reading it.

Egbert Beuving,
Secretary General of EAPA

EAPA COMMITTEES

EAPA EXCO AND DIRECTORS' GROUP

On 17 April 2018 a joint EAPA Executive Committee & Directors' Group meeting was held in the EAPA offices in Brussels.

The meeting started with EAPA secretariat items and the financial situation of EAPA.

During the "Round table discussion" each country present in the meeting gave short information about an issue of particular interest or importance they are working on at this moment; this to inspire other countries or to ask for assistance.

The draft agenda for the next EAPA General Council Assembly 2018 was discussed as well as agenda items of the next joint EAPA - Eurobitume ExCo meeting.

Under the heading of "Communication, Innovation, Dissemination and

Education", ideas regarding Media and Social Media activities and the Asphalt Advantages campaign were exchanged. There was an update about the E&E Event 2018 in Berlin and the E&E Congress 2020 in Madrid.

Juan-Jose Potti (of Asefma, Spain) explained the Spanish activities during the International Road Maintenance Day (IRMD) 2018. This event got a lot of media attention in Spain.

Other agenda items were EU issues - What is going on in Brussels, the Industry4Europe initiative, Health, Safety & Environment Topics, Technical Topics and a short update concerning European Standardisation.

The next joint EAPA ExCo & Directors' Group will be held in Ljubljana, Slovenia on 21 and 22 November 2018.



Joint EAPA ExCo & Directors' Group meeting



Juan-Jose Potti explaining IRMD Madrid 2018

ASPHALT PLANT AND EQUIPMENT MANUFACTURERS GROUP

The EAPA Asphalt Plant and Equipment Manufacturers (AP&EM) Group had a meeting on 21 February 2018 in Paris.

The main items discussed were:

- Harmonisation of M2M Communication Protocol in road building: the progress made by CECE / EAPA Ad-hoc Group "Road Equipment Communication Protocol" was discussed. The goal is having a field test mid-2018 and to finalise the work of this Ad-hoc Group
- before the end of 2018.
- Experience with adding and the use of rejuvenators
- Digital road map for the asphalt sector: Several items were discussed

regarding a digital road map. Digitalisation and communication can and will increase productivity. It was agreed to start drafting a digital road map for the asphalt sector, which will be discussed in the next meeting.

- EAPA TC questions regarding asphalt plants and equipment were discussed.
- Several items related to CECE (Committee for European Construction Equipment) were discussed.

The next meeting of the EAPA Asphalt Plant and Equipment Manufacturers (AP&EM) Group will be held on 11 October 2018 in Paris.



AP&EM Group meeting



EAPA HSE COMMITTEE

The latest HSE Committee meeting was held on 11th April 2018 in Bonn, Germany with 18 participants.

As environment items the committee members discussed and exchanged ideas about Circular Economy/Recycling, Rolling Resistance, waste of other industries in asphalt, the European Trading Scheme (EU ETS) and especially the topic Product Category Rules (PCR)/Environmental Product Declaration (EPD) for asphalt mixtures and pavements. For the latter the committee did see the need to create a Task Group to complement the existing EAPA "Guidance document for preparing product category rules and environmental product declarations for asphalt mixtures". Currently this document includes the "cradle to gate" phases of the lifetime of an asphalt pavement, but also information on "gate to grave" phases should be included.

Under the agenda topic "safety" committee members exchanged information about national campaigns to raise awareness for road workers, fire protection on asphalt mixing plants and safety data sheets for asphalt mixes.

Many different topics in the field of health were discussed, amongst those e.g. ongoing European studies related to asphalt worker's health, measuring dust and asphalt fumes and the handling of silica dust on the asphalt mixing plant. For the latter a new EAPA Document was prepared and approved in the committee: "Handling and Use of Crystalline Silica on the asphalt mixing plant - A Good Practice Guide on Asphalt Workers Health Protection".

The next meeting will be held on 23rd October 2018 in Brussels.



HSE meeting



EAPA TECHNICAL COMMITTEE

On 12 April 2018 the EAPA Technical Committee had a meeting in Bonn, Germany.

The meeting started with an update of the progress made by CEN TC 227/WG1 "Bituminous Mixtures" and CEN TC336 WG1 "Bituminous Binders for Paving". Under agenda item "Rejuvenators" two documents were discussed: the short version of "Recommendations for the use of rejuvenators in hot and warm asphalt production" and its long version, as created by the EAPA Task Group Rejuvenators. It was decided to put the short version on the EAPA website after approval in June 2018. The long version will be for EAPA members only and will be on the "Members Only" part of the EAPA website after approval.

The revised version of the EAPA-Paper "Heavy Duty Surfaces – the arguments for SMA" was shortly discussed and approved. This paper will be published on the EAPA website after approval in the EAPA General Council Assembly in Berlin in June 2018.

The 4th EAPA paper that was discussed is the new version of "Heavy duty pavements – the Arguments for Asphalt". This first draft was reviewed and suggestions were made.

The Erasmus+ Programme was shortly presented. This is a European funding programme offering university students a possibility of studying or doing an internship abroad in another country for a period of at least 2 months and maximum 12 months per cycle of studies. Some students from Turkey were interested in an internship in Europe. More information about Erasmus+ Programme can be found in this EAPA Magazine under "Interesting websites".

Two documents regarding "Future road requirements" were discussed and actions were planned.



EAPA TC meeting in Bonn

Under agenda item "EAPA Asphalt Plant & Equipment Producers Group (AP&EP) items" a draft "Digital Road Map for the asphalt sector" was discussed.

The draft Product Category Rules (PCR) for Bituminous mixtures as create by CEN TC227 WG6 "Sustainability" (based on the EAPA draft) was send to CEN TC351 WG3 for comments.

CEN TC351 WG3 responded that a 'cradle to gate' scenario will not be acceptable and it should become cradle to grave. EAPA will try to draft a proposal for CEN TC227 WG6 for the "gate to grave" part.

Other items discussed were the possible consequences of reduction of the sulphur content of international marine fuels by 1st January 2020 on bitumen properties, the AsphaltAdvantages campaign and the E&E Event 2018 in Berlin.

The next EAPA TC meeting will be held on 24 October 2018 in Brussels.

INTERNATIONAL ROAD MAINTENANCE DAY 2018

On 5 April 2018 the first International Road Maintenance Day (IRMD) was held. The motto of this edition was "Maintaining roads is protecting the environment".

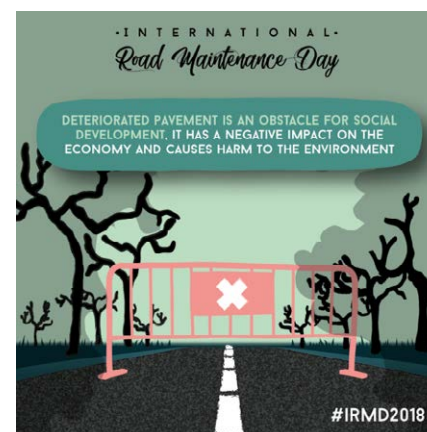
During that day a lot of information was tweeted under the hashtag IRMD2018 and several events were held that day e.g. from EAPA member ASEFMA in Madrid, Spain and ZAS in Ljubljana, Slovenia.

The goals and aims of the IRMD are stated in a manifesto that can be found on the website <http://roadmaintenanceday.org/>. The core of this manifesto can be summarised as: "Maintaining pavements in an appropriate state of conservation with even road surfaces (low IRI) and adequate texture contributes to the reduction of CO₂ emissions from road transport and will be of help in the fight against climate change in the transport sector. Therefore, it is absolutely necessary to contemplate road maintenance and, more specifically paving to improve the IRI, as a part of the package to meet the climate targets established at the COP21 of Paris and as a part of national environmental strategies and sustainable growth."

The goal is to have this International Road Maintenance Day in the future on all continents.

For more information please go on the IRMD website and check the hashtag #IRMD2018.

It is planned to have this day from now on yearly on every first Thursday of April. Thus, the next IRMD will be held on Thursday, 4th April 2019.





CROATIAN ASPHALT ASSOCIATION NEW EAPA MEMBER

EAPA is happy to announce that the Croatian Asphalt Association (Hrvatsko Asfaltno Društvo - HAD) joined EAPA as an ordinary member in February 2018.

HAD was established in 1999 as a non-profit organisation representing the asphalt pavement industry in Croatia. The president of the association is Mr. Miroslav Keller and he will represent HAD in the EAPA Directors' Group.

The aims of the Croatian Asphalt Association are to effectively represent the interests of all its members and to promote the sustainable use and growth of the use of products using bituminous binders in the construction and maintenance of roads and all other roadways. These include the promotion of economically efficient use of asphalt materials, the development of new asphalt materials and technologies, the organisation of education for members, the organisation of seminars and consultations in the field of asphalt technologies and the promotion, development and publication of technical regulations in the field of asphalt materials and technologies.

The areas of activities of the HAD members are production of asphalt, asphalt paving, asphalt works, design of asphalt pavements, asphalt coatings, consultancy services, and providing asphalt plants and equipment.

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Miroslav Keller

NEWS FROM BRUSSELS

INDUSTRY4EUROPE

In March 2018, 111 Associations of the Industry4Europe coalition co-signed the (new) Joint Paper on "Setting indicators for an ambitious EU Industrial Strategy", amongst them EAPA. This Joint Paper was handed over to the future Austrian Presidency of the EU on 26 March and has been sent to the Austrian Chairman of the Council High-Level Group on Competitiveness and Growth on 29 March 2018. It was also sent to all Permanent Representations (Industry Attachés) and to the Director of DG GROW in charge of the follow-up of the EC Communication on a renewed EU industrial policy strategy, Mr Tokarski.

The aim of this Joint Paper is to propose a short list of indicators that can be used to both assess the health of the European industry and monitor the progress made by the EU on the implementation of its industrial strategy. The indicator list is composed of two sections: the headline indicators and those linked to the pillars of the Joint Reaction Paper previously presented by Industry4Europe.



In November 2017 the Industry4Europe coalition (including EAPA) co-signed a Joint Reaction Paper entitled "For an ambitious EU industrial strategy - going further", in which they identify all key objectives and measures that should be at the heart of any ambitious and long-term EU industrial strategy. On 27 February 2018 this Joint Reaction Paper was handed over to the European Parliament President Antonio Tajani.

This Joint Reaction Paper can be downloaded at:
<http://www.unife.org/component/attachments/?task=download&id=855>

EUROPEAN CONSTRUCTION FORUM

In the last months the European Construction Forum (ECF) did meet twice. The first meeting was in January and here Construction 4.0 was the central theme.

The ECF members discussed how the construction sector could present a united front to EU policy makers and new actors, ensuring that whatever is coming, they can face it stronger together than divided.

In this meeting it was decided to create a joint manifesto/position with simple messages using current buzzwords and to create a road map on digitalisation/Construction 4.0.

The first draft of the manifesto was produced by a small working group and it was discussed in the second meeting in March.

The manifesto will explain that the European Union must take the political lead on digital construction as a top political priority. An appropriate regulatory framework on data policy is needed to ensure better data quality and data management, address challenges around intellectual property rights and cybersecurity, establish who is responsible and liable for data ownership, and avoid abuse by monopolies. Finally, standards, such as those for data, interoperability and BIM are needed to support the uptake of new technologies, and these standards need to be accessible to all, neutral, and not-for-profit. Last but not least the construction sector promises to collaborate intensively, to lead and support the industry in order to enable a successful digital transformation of the construction industry.

MEETING WITH ISMAIL ERTUG

EAPA visited the Member of European Parliament (MEP) Ismail Ertug (Group of the Progressive Alliance of Socialists and Democrats in the European Parliament – S&D). He is the speaker of S&D in the Committee on Transport and Tourism (TRAN) of the European Parliament. In a familiar atmosphere Carsten Karcher and Ismail Ertug talked amongst others about current topics in the TRAN Committee, the upcoming elections of the European Parliament in 2019, about Ertug's "Driving Future Platform" and future road transport in cities.

ASPHALT ADVANTAGES MEETING

The joint EAPA and Eurobitume initiative "Asphalt Advantages" is finetuning its mini campaigns for 2018. Therefore, a meeting of the asphalt advocates of EAPA and Eurobitume together with the agency "aspect" was held in Brussels. You will hear more from the "Asphalt Advantages" soon!



Participants of the "Asphalt Advantages" campaign meeting



MEP Ismail Ertug (right) and Carsten Karcher

EAPA-EUROBITUME ACTIVITIES

JOINT EAPA – EUROBITUME BOARD MEETING

On 18 April a joint meeting of the EAPA Executive Committee and the Eurobitume Board of Directors was held in Brussels. The meeting started an update regarding the E&E Event 2018 in Berlin and the E&E Congress 2020 in Madrid. The theme of the E&E Congress 2020 was presented: "Asphalt 4.0 for future mobility". The need for interpreters was discussed. It was agreed that there is no need any more for having interpreters for simultaneous translations into French, German and Spanish. If there is a need for a certain country to have interpretation in their language facilities can be provided.

Juan-Jose Potti presented results of the 1st International Road Maintenance Day (IRMD). There is a separated item about this IRMD in this EAPA Magazine. Potti explained the impact of this day in Spain (see also <https://bit.ly/2jThVWNn>). The next International Road Maintenance

Day will be on 4th April 2019.

An update of the asphalt promotion campaign "AsphaltAdvantages" was presented as well as the future actions. Pete Grass (President of Asphalt Institute) and Ralph Shirts (chairman of the Asphalt Institute Foundation) presented the main conclusions of the 2017 Strategic Asphalt Research (STAR) Symposium. The report of this STAR Symposium can be downloaded from <https://bit.ly/2lbFOWI>

Under agenda item bitumen and health items information on post IARC regulations and studies was exchanged. Other items discussed were Bitumen Fire Prevention, the Eurobitume LCI review, the EAPA PCR update and European Bitumen Standardisation.

The next joint board meeting will be held in April 2019.



Joint EAPA – Eurobitume Executive Committee meeting



Pete Grass (l) and Ralph Shirts (right) explaining the STAR outcome

ASPHALT ADVANTAGES

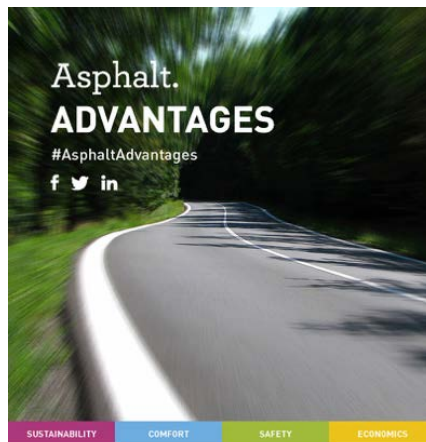
Currently a small campaign is prepared that will start in June 2018 with the focus on National Road Authorities and politicians. They should be made aware of the benefits of asphalt roads either new or well maintained, especially the economic benefits.

Everybody is invited to use and spread the information about the advantages of asphalt given on the website www.asphaltadvantages.com.

Therefore, different supporting tools have been created. Those are provided in a toolbox and can be downloaded from the footer of this website to support the campaign or go directly <https://bit.ly/2IAOOll>.

Please feel free to add the provided tools on your association's or company's website or use the tools for your printed or online magazine. We would be glad to see the advertisement in your publications. Some of these adverts can be found in this newsletter as an example.

Furthermore, we ask all asphalt friends to sign up for the newsletter on the website and to get connected with the Asphalt Advantages on Twitter with @asphalteu.



**GET THE ADVANTAGES
OF ASPHALT PAVEMENT**

AsphaltAdvantages.com



Asphalt. ADVANTAGES

#AsphaltAdvantages



84

COMFORT

Asphalt is the ideal material for bicycle paths

AsphaltAdvantages.com

E&E EVENT 2018

On 14 and 15 June 2018 the E&E Event 2018 will be held in Berlin. The theme of the Event is "Preparing the asphalt industry for the future".

In each session there will be very interesting presentations all related to the future of asphalt industry. The format of the Event is based on creating effective interaction between participants to get a better common understanding on how to improve the future for the asphalt industry. So, after the presentations there will be an interactive part where you can learn what your peers are thinking. Of course, there is enough time for networking and there is also an exhibition. Katrina Sichel will be the moderator of this Event. She was also moderating the E&E Congress 2016 in Prague.

The E&E Event 2018 is addressing senior managers and experts from road related industries, governments, local authorities, contractors, engineers, user groups and product suppliers.

More information about the venue, the networking dinner and the detailed programme is available on the website www.eeevent2018.org. The programme can also be downloaded from <https://bit.ly/218H7tl>.

Please register soon because many seats have already been sold and the number of seats is limited because of the interactive approach for this unique event. Hope to see you in Berlin soon!

The programme in a nutshell is shown on the right hand side.

DAY ONE – THURSDAY 14 JUNE 2018

10.00 – 11.00	Registration and Coffee & Exhibition
11.00 – 12.30	Session ONE: Tomorrow's World, tomorrow's Roads, tomorrow's asphalt!
12.30 – 13.45	Lunch & Exhibition
13.45 – 15.15	Session TWO: Financing Solutions for Roads
15.15 – 15.45	Coffee break & Exhibition
15.45 – 17.15	Session THREE: Sustainability – Reducing CO₂ emissions
17.15 – 18.00	Exhibition

DAY TWO – FRIDAY 15 JUNE 2018

10.00 – 11.00	Session FOUR: Health & Safety best practices and future requirements
10.00 – 10.30	Coffee Break & Exhibition
10.30 – 12.00	Session FIVE: Technology – What are the challenges for implementation
12.00 – 13.15	Lunch & Exhibition
13.15 – 14.30	Session SIX: Communication – How to attract new recruits
14.30 – 14.45	Conclusions & Closing





E&E CONGRESS 2020

The 7th Eurasphalt & Eurobitume Congress (E&E congress) will be held on 12 – 14 May 2020 in Madrid and its theme will be “Asphalt 4.0 for future mobility”.

On 10 January and 16 April 2018, the Organising Committee of the E&E Congress 2020 had its 1st and 2nd meeting in Madrid and Brussels.

During these meetings the layout of the Congress sessions were discussed. They will be similar to the E&E Congress 2016 in Prague and the technical sessions will start after lunch on the first day to have more time available for technical presentations.

The Congress website (<http://www.eecongress2020.org>) will be online on 16th June 2018 and the Invitation and Call for Abstracts / papers will be available on that date.

Other items discussed were the Congress graphics, the Congress hotels, the budget, the promotion plan and the planning.

The 3rd meeting of the Organising Committee will be held on 19 and 20 September 2018 in Madrid.



Brussels



Madrid

EUROPEAN STANDARDISATION

CEN TC227 WG1

CEN TC227 WG1 "Bituminous Mixtures" had a meeting on 25 and 26 April 2018 in Dublin, Ireland.

The secretariat of CEN TC227 went from DIN in Germany to BSI in the UK. The new chairman of CEN TC227 is now Arash Khojinian of Highways England and the secretary of CEN TC227 is Jacky Duncan of BSI.

The new asphalt standards (EN 13108 series) were published by CEN in 2016 but they were not cited yet in the Official Journal of the European Union and therefore they cannot be used for CE-marking. The main point of the non-citation is the introduction of new classes in the standards. Rudi Bull-Wasser (at that time chairman of CEN TC227) and Egbert Beuving (convenor of CEN TC227 WG1) had a meeting with representatives of the European Commission in October 2017. They were informed that the European Commission will follow the Delegated Act procedure and the additional information that had to be provided was provided by the end of 2017. It is expected that the Delegated Act procedure will start in the second half of 2018.

During the "Comments Resolution Meeting" the draft standards of 8 test methods (provided by Task Group 2) were approved to go out for Formal Vote. Also 14 revised standards for test methods were approved to go out for CEN Enquiry.

The draft prEN 13108-31 "Asphalt standard on bituminous emulsion (ACBE)" went out for CEN Enquiry and the comments were received. Task Group 3 "Product Standards" will respond to these comments received.

Under agenda item "Task Group 4 Conformity Assessment Standards" the interpretation of annexes of the Factory Production Standard were discussed because of a dispute with a Notified Body.

Under "Liaison" there was an update of the progress made by CEN TC 336 WG1 and CEN TC227 WG6.

The Dutch experience regarding creating LCA for asphalt was presented and there was a presentation about the French MURE project where test sections were built with asphalt mixtures containing 40 and 70% reclaimed asphalt

Other items discussed were the use of rejuvenators and the European Technical Approval (ETA) documents that were published for additive for asphalt production.

The next CEN TC227 WG 1 meetings will be held on 25 and 26 October 2018 in Stockholm.



Jacky Duncan and Arash Khojinian



CEN TC227 WG1 meeting in Dublin

CEN TC336 WG1

On 14 and 15 March 2018 a CEN TC336 WG1 meeting was held in Delft, the Netherlands.

The draft Paving Grade Bitumen standard (prEN 12591) was approved at the Formal Vote but it got a negative assessment from the New Approach (NA) Consultant. CEN TC336 WG1 will address the NA Consultant's comments and updated the response to the Mandate.

The standards EN 13924-1 "Hard paving grade bitumens" and EN 13924-2 "Multigrade paving grade bitumens" were published by CEN but they are not published yet in the Official Journal of the European Union (OJEU).

The draft standard for Polymer modified bitumens (EN 14023) as revised by CEN TC336 WG1 TG5 (after the 5-year review process) was shortly discussed. TG5 will compare the draft standard with the response to the Mandate and it is expected that the draft standard will be discussed during the next CEN TC336 WG1 meeting. The results of the Systematic Review results of several test methods were discussed and it was decided which test method standards should be revised. Also several revised test methods were discussed.

The project plan (Terms of Reference) for Low Temperature Properties was approved and CEN TC336 WG 1 Secretariat will start a call for experts for a project team. The created team will present the results on the upcoming WG 1 meeting.

Under Liaison Updates Egbert Beuving presented the activities of CEN TC227 WG1 "Bituminous Mixtures".

It was decided to recommend to CEN TC336 to withdraw CEN/TR 15352:2006 "Development of performance-related specifications: status report 2005".

The next CEN TC336 WG1 meeting will be held on 9 and 10 October 2018 in Goteborg in Sweden.



CEN TC336 WG1 members in Delft

OTHER MEETINGS & EVENTS

DAV GERMAN ASPHALT DAYS

Every two years the German Asphalt Association (DAV) holds its German Asphalt Days in Berchtesgaden, Germany. This year the 19th edition was held from the 28th February to the 2nd March 2018. 650 participants and 90 exhibitors made this meeting of the German asphalt industry a big success.

States Secretary Rainer Bomba from the German Federal Ministry for Transport and Winfried Hermann, the Minister for Transport of the State Baden-Wuerttemberg spoke to the participants as well as the new elected DAV president Oliver Nohse and key-persons of the German asphalt industry. Rainer Bomba was positive regarding the future of the construction industry. Budgets are available and a lot of work has to be done. He also mentioned the use of BIM; it is important for the construction industry to move with the times too.

Main theme of the Asphalt Days was the mobility of the future with a strong link to electro mobility. The presentations about asphalt covered e.g. recycling, and new technologies.

During the German Asphalt Days EAPA had the possibility to meet with the German Asphalt Advocates to discuss the further progress of the Asphalt Advantages campaign. Asphalt Advocate of the year 2017 Horst Erdlen from JRS Rettenmaier displayed the award trophy on the company's booth.

This German Asphalt Days had a very good mixture of technical and non-technical presentations, events in the exhibition area, social events and was an excellent platform for exchanging information and networking.

EAPA used to possibility to advertise the E&E Event 2018 in Berlin at this conference.



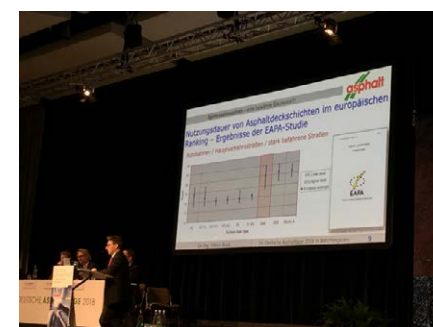
The auditorium



Carsten Karcher, Slovenko Henigman and Egbert Beuving (from left to right)



Meeting of the German Asphalt Advocates for the AsphaltAdvantages Campaign



Citation of EAPA Publications in the presentation of Viktor Root



Federal State Secretary Rainer Bomba



New elected DAV President
Oliver Nohse

Impuls Speech of
Prof. Dr. Michael
Schreckenberg,
Universität
Duisburg/Essen



DAV Director André Täube



The Asphalt Advocate of the Year
2017 Award on the JRS Rettenmaier
booth

DAV press
conference



PPRS 2018

The Pavement Preservation & Recycling Summit 2018 (PPRS 2018) was held from 26 to 28 March 2018 in Nice, France.

Several international organisations supported the summit (e.g. EAPA) which was initiated by the French EAPA member Routes de France together with ERF and IBEF. The objective of this second PPRS Congress was to analyse and examine the state-of-the-art on road maintenance and modernisation, to identify best practices (in terms of policy, economy, finance, techniques and the environment) and to highlight opportunities offered by innovative technologies and new related services provided by the roads and streets.

One of the plenary sessions was held on the topic "How can we communicate better on Road Asset Management?" The session was chaired by EAPA Executive Committee member Juan José Potti and the President of Eurobitume, Siobhan McKelvey. Together with other speakers they explained the necessity to communicate to the public, politicians, National Road Authorities and local road authorities on proper financing of road maintenance and the resulting positive aspects. In several very good presentations this need was underlined.



Advertisement of the International Road Maintenance Day 2018 at PPRS



Retweet by EAPA shown on screen at PPRS 2018



Session at PPRS 2018



Juan José Potti

HAD SEMINAR ASPHALT PAVEMENTS

On 12 and 13 April 2018 the Croatian Asphalt Association (Hrvatsko Asfaltersko Društvo - HAD) held its International Seminar Asphalt Pavements 2018 in Opatija.

More than 250 experts and speakers from Croatia, Bosnia and Herzegovina, Slovenia and Serbia together with speakers from Austria, Belgium, France, Italy, the Netherlands, Germany, Serbia, Switzerland and Croatia participated in the seminar.

Carsten Karcher of EAPA participated and gave a presentation on "Tasks and Initiatives of the European Asphalt Pavement Association". The further presentations dealt e.g. with changes in public procurement (Prof. A Dorée), cooperation of Croatia and the world bank in the road sector (I Dimitropoulos), hot recycling (Prof. G Tebaldi), pavement design with RAP (Prof. M Wistuba), road reconstruction design (I Krsinic), binder modification and performance (M Spiegl), worker's health (X Carboneau).

Materials and photographs will be available soon on the Croatian Asphalt Association website.

HAD already invites to the Asphalt Seminar 2019 on 4 and 5 April 2019 in Opatija, when the Croatian Asphalt Association also celebrates its 20th anniversary.



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SAFETY

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from hazardous materials

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INTERESTING WEBSITES

2018 ALARM SURVEY

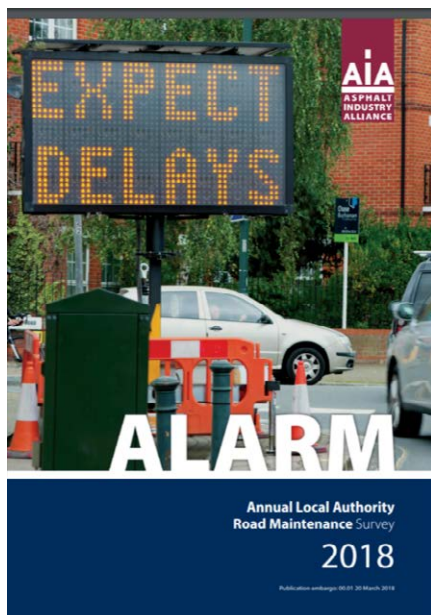
Each year the Asphalt Industry Alliance (AIA) in the UK commissions an independent survey of local authority highways departments in England and Wales.

The Annual Local Authority Road Maintenance (ALARM) Survey aims to take a snapshot of the general condition of the local road network, providing a means of tracking any improvement or deterioration. At the same time, questions are asked related to funding, the type of maintenance carried out and the issue affecting maintenance service levels, to help provide context to the results.

The 2018 ALARM survey – the 23rd annual report – highlights that you could drive almost around the world on the length of roads in England and Wales that could fail in the next 12 months. Cash-strapped local authorities report that more than 24,000 miles of road have been identified as needing essential maintenance in the next year.

The full report as well as the Key findings chart and previous reports can be downloaded at:

<https://bit.ly/2k3e8e9>



ERASMUS+ PROGRAMME

This Erasmus+ Programme is a European funding programme established in 1987 offering university students a possibility of studying or doing an internship abroad in another country for a period of at least 2 months and maximum 12 months per cycle of studies.

The 28 EU countries and five non-EU countries (Iceland, Norway, Turkey, Liechtenstein and the former Yugoslav Republic of Macedonia) participate in this programme. The Erasmus+ Programme offers students the possibility to do an internship outside their own country. There are no costs for companies that have such an internship; the Erasmus+ Programme will cover all costs.

More information about Erasmus+ Programme is available at:

<https://ec.europa.eu/programmes/erasmus-plus/>

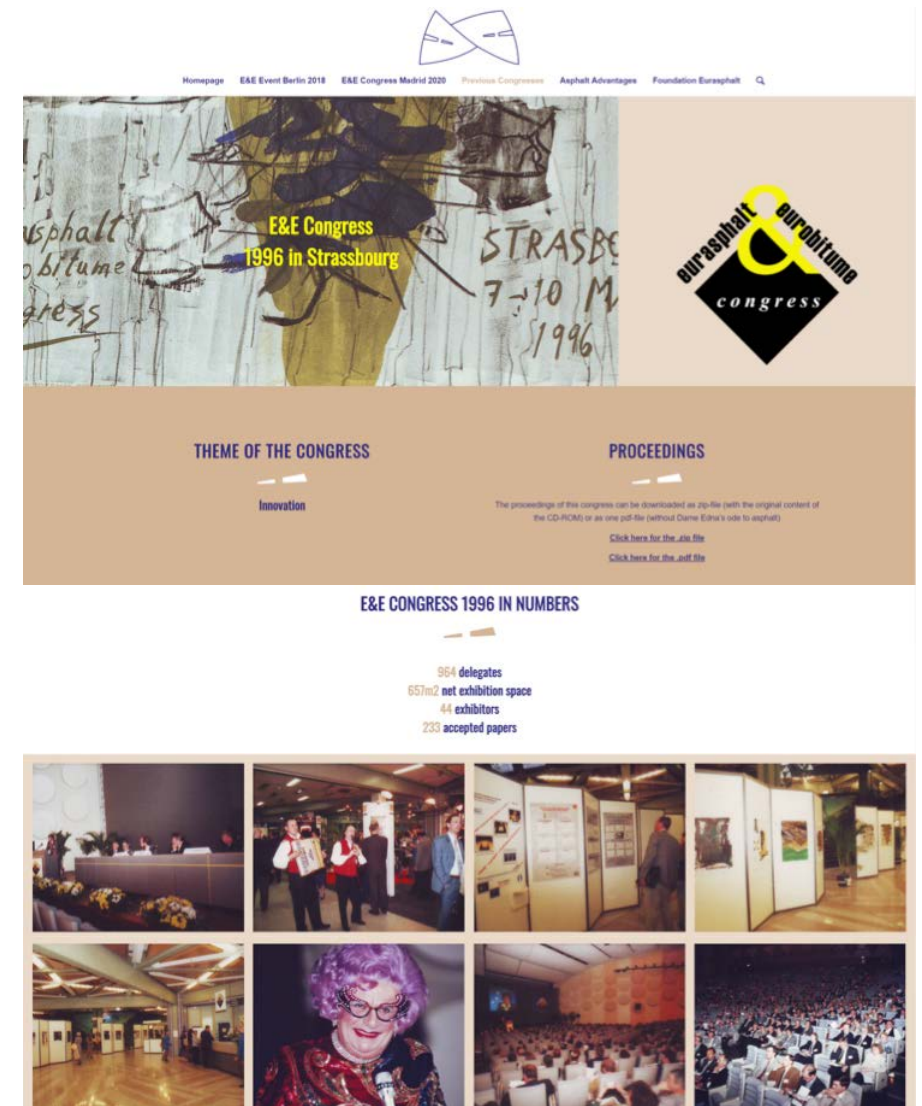
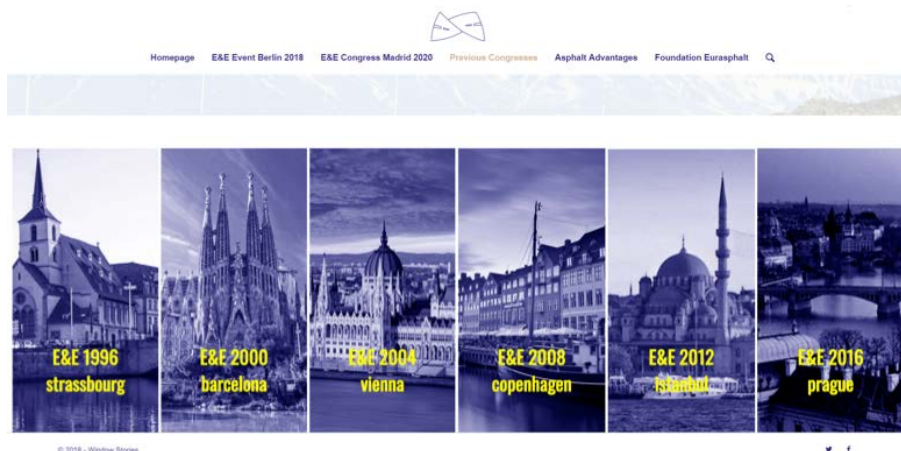


NEW WEBSITE OF E&E CONGRESSES

The proceedings of the Eurasphalt & Eurobitume (E&E) Congress 1996 until 2016 can be downloaded from the new website of Foundation Eurasphalt:

<http://www.eurasphalt.org>.

Next to information about the E&E Congresses you can also find information about the E&E Event 2018 and the AsphaltAdvantages campaign on this website. These activities are organised by foundation Eurasphalt on behalf of EAPA and Eurobitume.

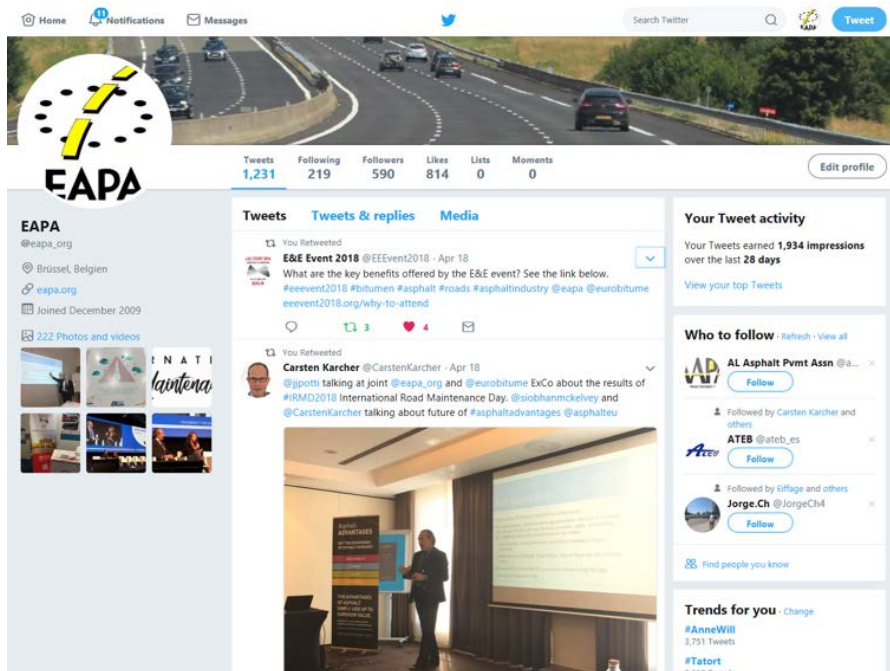


EAPA AND SOCIAL MEDIA

If you want to receive just in time information and pictures about the EAPA activities just follow

EAPA on twitter: @eapa_org

Don't forget to get connected to the AsphaltAdvantages on twitter: @asphalt_eu



Join EAPA on social media and never miss any information of what is going on in the European Asphalt Industry!

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SUSTAINABILITY

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UPCOMING CONGRESSES

INTERNATIONAL CONFERENCE ON STONE MATRIX ASPHALT

On November 5–7, 2018 the 1st International Conference on Stone Matrix Asphalt (SMA) will be held in Atlanta, Georgia. It is hosted by the National Asphalt Pavement Association (NAPA) with support from the Federal Highway Administration.

More information can be found on:
<https://bit.ly/2jPdOZN>



PAVEMENT DESIGN WORKSHOP

The 3rd International workshop on Pavement Design will be held on 15 and 16 November 2018 in Southern Moravia in Czech Republic. The event is organised by ZAS (Slovenian Asphalt Pavement Association) and SVS (Czech Road Contractors Association) together with OMV.

For more information please send an e-mail to: knottova@sdruzeni-silnice.cz



CAPSA'19

The 12th Conference on Asphalt Pavements for Southern Africa – CAPSA'19 – will be held from 13 – 16 October 2019 at Sun City, South Africa.

The deadline for Abstract submission for proposed papers is 28 June 2018.

More information can be found on the CAPSA'19 website:
www.capsaconference.co.za.



E&E CONGRESS 2020

The Eurasphalt & Eurobitume Congress 2020 will be held on 12 – 14 May 2020 in Madrid.

The new website for this Congress will be online on 16 June 2018 (www.eecongress2020.org) and the Call for Abstract submission for proposed papers will open on that date too.



EVENTS LIST

2018

- 16 MAY** CEN TC336 WG1 TG5 in Brussels
17 MAY E&E Congress 2020 Technical Programme Committee meeting in Brussels
18 MAY Board Foundation Eurasphalt (Conf. call)
29 MAY Organising Committee E&E Event (Conf. call)
- 13 JUNE** EAPA GCA in Berlin
14-15 JUNE E&E Event 2018 in Berlin
- 17-18 SEPT** CEN TC227 meeting in Vienna
19-20 SEPT E&E Congress 2020 Organising Committee meeting in Madrid
- 9-10 OCT** CEN TC336 WG1 Meeting in Goteborg, Sweden
11 OCT EAPA AP&EM Group meeting in Paris
23 OCT EAPA HSE Committee in Brussels
24 OCT EAPA TC in Brussels
25-26 OCT CEN TC227 WG1 meeting in Stockholm, Sweden
- 5-7 NOV** SMA Conference, Atlanta, Georgia, USA
8 NOV Global Asphalt Pavement Alliance meeting, Atlanta, Georgia, USA
13-14 NOV CEN TC336 meeting in Brussels
15-16 NOV 3rd International workshop on Pavement Design, Southern Moravia in Czech Republic.
21-22 NOV Joint EAPA ExCo & Directors' Group in Ljubljana

COLOPHON

TEXT

Egbert Beuving and Carsten Karcher

LAYOUT

Window Stories

PICTURES

Egbert Beuving and Carsten Karcher

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IAPA - Irish Asphalt Pavement Association	Infra Contractors' Association	MPA - Mineral Products Association	NCC AB
			
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