



EAPA NEWSLETTER

ISSUE 31 - JANUARY 2014



INDEX

3	<u>INTRODUCTION</u>
4	<u>EAPA COMMITTEES</u>
4	EAPA Executive Committee
4	Joint EAPA-Eurobitume ExCo
5	Extra-ordinary EAPA GCA
5	EAPA Directors' Group
5	EAPA HS(E) Committee
6	EAPA Environment Group
7	EAPA Technical Committee
8	Joint EAPA-Eurobitume TC
9	EAPA Asphalt Plant & Equipment Manufacturers Group
9	<u>EAPA SYMPOSIUM 2014</u>
11	<u>NEW EAPA MEMBERS</u>
11	Joseph Vögele AG
11	Arizona Chemical
11	Honeywell
12	<u>EAPA CONTRIBUTIONS</u>
12	EU Study on Resource-efficiency improvements
12	EU Parliament Study on Road Maintenance
13	<u>E&E CONGRESS 2016</u>
14	<u>EUROPEAN STANDARDISATION</u>
14	CEN TC227 WG1
15	CEN TC336 WG1 TG5
16	<u>OTHER MEETINGS & EVENTS</u>
16	NABin Binder meeting Oslo
16	Czech Conference AV`13
17	14th Colloquium on Asphalt and Bitumen in Bled
17	Dresden Asphalt Days
18	<u>HORIZON 2020</u>
19	<u>INTERESTING UPCOMING EVENTS</u>
19	NAPA Annual Meeting 2014
20	<u>EVENTS LIST / LIST WITH MEETINGS</u>
21	<u>EAPA MEMBERS</u>



INTRODUCTION

Dear EAPA members, dear Asphalt friends,

A new year has started and most of us will have made plans for 2014. The end of a year is always a point in time where you look back at the year that has past and you summarise what you did achieve. At the same time you look at the challenges of the following year. That is also what we did in EAPA.

For 2014 there are a lot of things we would like achieve in EAPA.

To give you an impression of our thoughts I will mention some of the items that are on our list for 2014 in a random order:

- Finalising the "Asphalt Promotion Tools" on the EAPA website. They should show the possibilities and the advantages of asphalt to the general public, our neighbours, the road users, including politicians. Next to that they should provide relevant information for the professionals working in the road authority, consultancies, academia and the asphalt industry.
- To promote, together with Eurobitume, the advantages of asphalt pavements and to demonstrate that asphalt is the material of choice .
- Promoting the use of Warm Mix Asphalt.
- Developing the programme for E&E Congress 2016. The 1st announcement of the Congress should be published mid-2014.
- Finalising some EAPA Position papers.
- Creating and organising an attractive programme for the 8th EAPA Symposium that will be held on 12 June 2014 in Paris.
- The revision the European Asphalt Standards and the Paving Grade Bitumen Standard.
- Creating a website for the Global Asphalt Pavement Alliance.
- Finalising the "Secretariat's vision for EAPA" we are working on and starting to realise the goals we formulated after its approval.

Of course there are many other items on our list. We should show the world, in our case Europe, why (asphalt) roads are so important, what the asphalt industry is doing, why our workers are working on the road, etc. By showing the general public what we are doing, we will get appreciation for the work we are doing. That is needed, also to attract people to our industry in the future.

Show what you are doing is important, as mentioned before. For that reason we give you an overview of the EAPA activities in the last 3 to 4 months in this 31st issue of the EAPA Newsletter.

We hope you will enjoy it and we wish you all a very good, healthy and successful 2014.

Egbert Beuving.



EAPA COMMITTEES

EAPA EXCO MEETING

On 29 October 2013 the EAPA Executive Committee had its meeting in Brussels.

The first main agenda item was the financial situation of EAPA. After that the ExCo membership was discussed. In June 2014 Jean-Louis Marchand will step down as EAPA President and Ayberk Ozcan should then become EAPA President. Mr Rainer Georg Hagemeyer was welcomed as successor of Bernd Lange in the EAPA Board.

The agenda items of the Joint EAPA-Eurobitume ExCo meeting, which was held on the same day, were discussed.

The other agenda items were: The EAPA Work Programme for 2014, the EAPA goals for the future, potential EAPA members, the next EAPA General Council Assembly that will be held on 12 June 2014, the EAPA Symposium on 12 June 2014, the next EAPA meeting on 13 June 2014, the proposed changes the EAPA statutes, the progress of the EAPA Asphalt Plant & Equipment Producers Group and the situation in Germany regarding future asphalt transport regulations where thermo-isolated trucks/trailers with a special rounded shape with temperature sensors might be required for larger projects. It was decided to do a survey in order to get an impression how this is regulated in the other countries in Europe.

The next EAPA ExCo meetings will be held on 19 March 2014 in Brussels, 11 June 2014 in Paris and 22 October 2014.

JOINT EAPA/EUROBITUME EXCO MEETING

On 29th October 2013 the Joint EAPA/Eurobitume Executive Committee meeting was held in the Eurobitume offices in Brussels.

The results of the Bitumen International Health Forum (BIHF) meeting that was held in Washington D.C. in September 2013 were discussed as well as possible future studies related to the ideas generated during this meeting.

In this BIHF meeting there was a request to have two different CAS registry numbers for oxidised bitumen; one for fully Oxidised Bitumen as used in roofing applications (in the USA) and one for Air rectified bitumen as used in the paving industry. To address this item Eurobitume created a Task Force. EAPA will be involved in the next steps.

The results of the IARC Monograph were addressed and it was mentioned that ANSES (the French Agency for Food, Environmental and Occupational Health & Safety) published a report with recommendations regarding the use of bitumen in paving operations. This report was published in September 2013.

The marketing / communication plan of an EAPA - Eurobitume Task Force was presented. The goal is to promote the advantages of asphalt pavements. The marketing plan was accepted and the financial consequences will be discussed in the Task Force.

For organising the next Eurasphalt & Eurobitume Congress 2016 that will be held in Prague a Professional Conference Organiser (PCO) will be used. A part of the Organising Committee of the E&E Congress 2016 visited 4 potential PCO's in Prague and made a proposal for the best PCO. The Joint EAPA - Eurobitume ExCo agreed with the proposal and Guarant International was selected as PCO for the E&E Congress 2016.



Joint EAPA/Eurobitume ExCo meeting





The contract will be signed in January 2014.

The next Joint EAPA – Eurobitume ExCo meetings will be held on 19 March 2014 in Brussels and on 22 October 2014.

EXTRAORDINARY EAPA GCA

On 5 November 2014 an Extraordinary EAPA General Council Assembly was held in Brussels to adopt the proposed revised statutes of EAPA. The EAPA Members present and represented accepted the proposed changes of the EAPA statutes.

During this extraordinary GCA also three new EAPA Executive Committee members were elected. Alan MacKenzie (UK), Bjørnar Broderstad (the Nordic countries) and Bernd Lange (Germany) stepped down as EAPA ExCo member and the following persons were elected as new EAPA ExCo member:

- Mr Chris Hudson (Aggregate Industry – UK)
- Mr Lars Forstén (Lemminkäinen Infra Oy – Finland – representing the Nordic countries)
- Mr Rainer Georg Hagemeyer (Mitteldeutsche Hartstein-Industrie AG – Germany)

They will be EAPA Executive Committee members until the next EAPA GCA in June 2014. Then there will be EAPA Executive Committee elections and they can be re-elected.

DIRECTOR'S GROUP MEETING

During the last EAPA Director's Group Meeting, held on Tuesday 5 November 2013 in the EAPA Office in Brussels, the directors of the national associations had fruitful discussions on several topics. The main subjects of the meeting were the membership fee structure for the years 2015 onwards, the process of modifying the EAPA statutes according to the European competition laws and EAPA's key issues like

- promoting Warm Mix Asphalt (WMA)
- the Task Force Providing Evidence of Asphalt Advantages
- Carbon Footprint / Product Environmental Footprint (PEF)
- EAPA participation in European research projects.

Traditionally the EAPA Secretariat informed the members of the group about the activities in the EAPA Committees.

The last topic of this meeting is always the roundtable discussion where every director reports the latest news of his association and his national industry.

Of course, other topics have been discussed too, but these have already been separately mentioned in the newsletter e.g. EAPA Symposium 2014, E&E Congress 2016 and GAPA meeting 2013.

EAPA members are able to read the full minutes of the meeting in the member's only area on the EAPA homepage under www.eapa.org.

HS(E) COMMITTEE MEETING

On Tuesday 22 October 2013, at Science 14 Atrium in Brussels, the HS(E) Committee meeting took place. The members discussed several topics concerning health and safety. The main topics were

- the latest published IARC monograph
- the Bitumen International Health Forum (BIHF) meeting in Washington D.C
- the French ANSES report.

In May 2013 the final report Volume 103 Monograph on Bitumens and Bitumen Emissions was published by the International Agency for Research on Cancer (IARC). The IARC Monograph showed no surprises and it was according to the previously given information.



HS(E) Committee Meeting



In the beginning of September, 60 days after the release of the IARC report, the Bitumen International Health Forum (BIHF) met in Washington D.C. where EAPA President Jean-Louis Marchand and EAPA HS(E) Committee member Henri Molleron took part on behalf of EAPA. EAPA, Eurobitume and the National Asphalt Pavement Association from the USA (NAPA) discussed the results and EAPA and NAPA asked for creating a new CAS number for air rectified bitumen. At this moment Oxidised bitumen and Air rectified bitumen have the same CAS number while their health impact is different and therefore they were classified in a different way in the IARC Monograph.

The French Agency for Food, Environmental and Occupational Health and Safety (Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail - ANSES) has published a report on 10 September 2013 about the risk of bitumen fumes in paving operations. The conclusions were as follows: We have nothing seen until now, but we can't be sure to see anything in future. Their report is available on the ANSES website. It is more than 200 pages and it is in French. There is a translated summary with conclusions and recommendations of 15 pages available in the member's only area of the webpage. Further the ANSES report mentioned that fumes have to be reduced. WMA could be the solution but the additives used could have an influence too. So those additives should be investigated, too.

EAPA members are able to download the full minutes of the meeting in the member's only area on the EAPA homepage under www.eapa.org.

ENVIRONMENT GROUP MEETING

During a two hours meeting on Tuesday 22 October 2013, at Science 14 Atrium in Brussels, the Environment Group discussed several topics. The main subjects of the meeting were

- Carbon Footprint
- Odour reduction
- Energy reduction
- Rolling resistance.

The EAPA Secretariat informed the members about the ongoing work in the EAPA Task Group "Carbon Footprint Document" and about work and research going on in Europe concerning this topic. There is a "Product Environmental Footprint Category Rule" (PEFCR) that has been developed by the European Commission (EC). EAPA together with the European Construction Forum (ECF) will follow the ongoing research in the EC and therefore a working group on carbon footprint issues had been created that EAPA will attend. The EAPA Secretariat will also observe the outcome of research projects like the "CEREAL"-project and the work of committees like CEN TC 350 "Sustainability of construction works" and PIARC.

The EAPA Secretariat reported about a session held during the FIRM13 Event (for further information see: www.fehrl.com) where the rolling resistance was addressed in several presentations. The overall conclusion so far is that there is still a lot of uncertainty in providing reliable investigation procedures/tests and figures. The FP7 project "Rolling resistance, Skid resistance, And Noise Emission measurement standards for road surfaces (ROSANNE)" led by the Austrian Institute of Technology will start soon and the EAPA Secretariat will be member of the stakeholder group of this project.

EAPA members are able to read the full minutes of the meeting in the member's only area on the EAPA homepage under www.eapa.org.

EAPA TC MEETING

The EAPA Technical Committee had its second meeting of 2013 in Brussels on 23 October.

Two draft EAPA position papers were discussed. The first one was dealing with Recycling. In this document it will also be mentioned that Reclaimed Asphalt can be used in Warm Mix Asphalt too. Also HSE aspects regarding reclaiming asphalt be included.

The second draft was the Update of the present Warm Mix Asphalt paper. The first reason for using WMA will be the health reason and after that economic reasons. It was seen as very important to continue reducing asphalt fumes (as recommended in the IARC study and in the French ANSES report) and Warm Mix Asphalt is the way to achieve that. For this reason EAPA is promoting the use of Warm Mix Asphalt.

EAPA will also create a webpage on its website to promote the use of WMA. On this webpage also the progress made in various EAPA member countries will be shown.

The next item was the progress of CEN TC 227/WG1 "Bituminous Mixtures".

The convenors of CEN TC227 WG1 drafted a Road-map how to deal with Warm Mix Asphalt, Half warm mixtures, Half cold mixtures and Cold mixtures in the European asphalt standards in the future. This draft Road-map will be discussed during the next CEN TC227 WG1 meeting. During this CEN TC227 WG1 meeting also the comments received in the 5-year review process of the asphalt standards will be discussed as well as the Task Group response to these comments.

The obligation of CE marking of asphalt under the CPR (since 1 July 2013) did not lead to real problems in the EAPA member countries.

The general opinion of the TC was that there is no need for having Environmental Product Declarations (EPD's) because there is no need for it.

Regarding CEN TC336 WG1 "Bituminous Binders for Paving": the Joint EAPA – Eurobitume TC meeting regarding the 5-year review of the EN 12591 standard was evaluated. It was decided to create a small Bitumen Task Group with experts to discuss in detail what EAPA needs regarding EN 12591 now and later on for Performance Related Standards (PRS) of PMB's.

It was decided to create a small EAPA Bitumen Task Group for preparing the next joint TC meeting. This Bitumen Task Group had a meeting on 19 December 2013 in Paris and they made a proposal for the relevant characteristics that should be declared for Paving Grade Bitumen and for the future Performance Related Specifications for PMB's.

Other items discussed were:

- The EAPA Asphalt Plant and Equipment Manufacturers (AP&EM) group activities
- A short report of the Global Asphalt Pavement Alliance meeting
- Key Performance Indicators
- The State-of-the-art of the EAPA- Eurobitume Task Force on Providing Evidence Asphalt Advantages
- The TRA 2014 paper of Simms et al. regarding Material Price Variations
- Speakers for the EAPA Symposium 2014
- Asphalt Promotion Tools

It was decided to organise an enquiry regarding the use of Bond-coats in Europe.

It was also decided to update the present EAPA Position paper "Asphalt in railway tracks".

The next EAPA TC meeting in 2014 will be held on 26 March 2014 in Cologne, Germany

JOINT EAPA - EUROBITUME TC MEETING

A joint EAPA – Eurobitume Technical Committee meeting to discuss bitumen standards was held on 11 October 2013 in Brussels.

The goal of this meeting was to discuss the bitumen standards and the revision of the Paving Grade Bitumen standard (EN 12591), in particular the bitumen producers' views and the needs of the asphalt producers prior to the forthcoming revision of this Paving Grade Bitumen standard.

The goal of standards is to develop a common language so that the properties of the material are well described. New types of contracts require a better understanding of the product. More and more performance is required from the asphalt standards and therefore more information regarding bitumen is required.

Four main items were discussed:

- **Long Term Ageing (LTA) behaviour**

LTA behaviour is important for durability. A discussion about the properties which were considered as important to test after LTA followed. There were different views on whether Pen & R&B were the most rational properties to measure or not as indicators of durability. There was agreement that durability is important, the question of which property should be tested was unresolved in this meeting. Certainly low temperature behaviour was considered to be important for LTA, other properties may also be informative. It was agreed that the EAPA TC would discuss this issue further at its next meeting.

- **Stiffness**

The EAPA proposal was to test Complex Shear Modulus and phase angle on fresh and LTA binder over a temperature range at a fixed frequency. There was discussion on the type of information that might be required. Such information would provide some information on the temperature sensitivity of the binder.

It was decided that EAPA should consider the properties that they consider to be most important.

- **Low Temperature behaviour**

There was discussion about the properties that are measured by BBR and Fraass Breaking point. No decision was taken yet.

- **Defining "Declared values"**

EAPA explained that the asphalt industry needs new test methods to characterise bitumen but no specifications as already mentioned in the EAPA Position paper of 2002. Therefore "Declared Values" are needed for additional characteristics.

Also the Type Testing and Factory Production control part of the Paving Grade Bitumen standard was discussed.

A further meeting will be held on 28 January 2014. At that meeting the relevant characteristics of the Paving Grade Bitumen standard (EN 12591) will be addressed again, but also the PMB standard and Performance Related Specifications will be discussed.



EAPA AP&EM GROUP MEETING

The 2nd EAPA Asphalt Plant and Equipment Manufacturers Group meeting was held on 7 November 2013 in Paris. The goals and tasks of this group were discussed and the relevant items this group should address in the near future were defined.

The tasks of this group are:

- To give recommendations to the Health & Safety, Environment and Technical Committee regarding their field of activities.
- To create Best practices documents / Recommendations

The goals the EAPA Asphalt plant and equipment producers group are:

- To collect, exchange and promote knowledge, best practice understanding and information about asphalt plants and equipment used to pave and compact asphalt.
- To provide a forum to discuss issues of common concern
- To promote innovative measures and best practice to improve the asphalt paving industry in Europe.
- To monitor new and coming legislation and regulations and challenging these when necessary
- To prepare position papers and prepare political statements
- To prepare Best practice documents
- To develop strategies to take on the challenges for the asphalt industry in the future.

A list of possible items that could be addressed by this group during its next meetings was discussed and priorities were set.

The draft programme of the EAPA Symposium 2014 was discussed and suggestions for speakers were given as well as some topics that would be interesting to be presented.

The next Asphalt Plant & Equipment Manufacturers Group meeting will be held on 13 February 2014 in Paris. By having the next meetings before the next EAPA TC meetings certain items discussed here can be put on the agenda of the next TC meetings.





EAPA SYMPOSIUM

EAPA SYMPOSIUM 2014
ON 12 JUNE 2014 IN PARIS



Within a few months from now EAPA will have its 8th Symposium under the heading "Challenges and opportunities for the European asphalt paving industry in the 21th century". It will be held on 12 June 2014 in the building of the French National Association for Public Works "Fédération Nationale des Travaux Publics" 3, rue de Berri, 75008 Paris. The Symposium will start with the registration and a welcome coffee at 10.30 hours. After a welcome speech of the EAPA president there will be three sessions with speakers from all over Europe

- Session 1: "From constructing new roads to preventive maintenance"
- Session 2: "Paving durable roads"
- Session 3: "Workforce challenges – keeping health and quality assured".

The last speech of the day will be given by the president of the National Asphalt Pavement Association, Mike Acott from the USA. He will deal with the "Communication of asphalt advantages" which supports the European activities on that subject. The Symposium will close at 16.45 hours with the closing remarks of the EAPA President. EAPA expects to attract up to 150 participants like EAPA members and the members of EAPA members, bitumen industry or research institutes in these very nice conference facilities with this attractive programme.

More details about the full programme with speakers and the registration form can be found on the EAPA website www.eapa.org/symposium.

The registration fee is 270,- Euro including French VAT, coffee, tea, lunch and all symposium documents.

So save the date!



NEW EAPA MEMBERS

JOSEPH VÖGELE AG

Vögele has joined EAPA as Associate Member in October 2013.

Joseph Vögele AG is one of the oldest industrial enterprises in Germany. In the course of its 170-year history, it developed from a small forge into a cutting-edge machine factory with international operations.

With a workforce of around 800, Vögele focusses on the development, production and sale of road pavers for asphalt paving. The company owes its position as world market leader in this sector to its systematic quality- and customer-oriented approach.

With 17 different pavers, a wide array of screeds, two material feeders plus innovative special equipment, Vögele offers a comprehensive range of modern machines to tackle all paving tasks. The range of applications includes the construction of motorways and highways, country roads, cycle paths and footpaths as well as special jobs such as race tracks or airport runways.

The corporate culture of this medium-sized construction machinery manufacturer has been shaped by the family values it upholds. As a member of the WIRTGEN Group, JOSEPH VÖGELE AG is part of a rapidly expanding group of companies operating at an international level.

For more information see: www.voegel.info

ARIZONA CHEMICAL

Arizona Chemical has joined EAPA as Associate Member in December 2013.

Established in 1930, Arizona Chemical is the world's leading biorefiner of pine chemicals. They provide natural pine-based materials to customers in many diverse markets including adhesives, roads & construction, tires & rubber, lubricants, fuel additives and mining. They refine and upgrade Crude Tall Oil (CTO) and Crude Sulphate Turpentine (CST), both of which are co-products of the wood pulping process to produce paper. CTO and CST are sustainable and biodegradable raw materials that originate from the pine tree.

With over 1100 employees worldwide, Arizona Chemical has its North American principal executive office in Jacksonville, USA, and its European principal executive office in Almere, The Netherlands.

For the road industry Arizona Chemical currently supplies resins for pavement marking applications used in thermoplastic binders and pine chemicals for bitumen emulsifiers. New developments focus on additives for the use of high RAP content in asphalt mixes.

For more information see www.arizonachemical.com.

HONEYWELL

Honeywell NV, Belgium has joined EAPA as Associate Member in December 2013.

Honeywell is a public company, listed on the New York stock exchange, active in 4 different business units (Automation Control & System, Aerospace, Transportation and "Performance Materials and Technology"). Honeywell is active globally, they have rolled out a new asphalt additive, with the American market as the prime territory. This division reports to the Performance Materials and Technology business unit.

The product from Honeywell is a polymer that targets a better performance and a longer service life of a pavement. Honeywell has been commercially present in asphalt additives for more than 5 years, with expansion in Middle East, Latin America and Russia. Honeywell is now also active on the European market. Several paving jobs have already been arranged across Europe (Belgium, Germany, France, Spain, Austria, Poland and The Netherlands). For more information see www.honeywell-titan.com



EAPA CONTRIBUTIONS

EU STUDY ON RESOURCE-EFFICIENCY IMPROVEMENTS IN THE BUILT ENVIRONMENT

In June 2010 the European Council adopted the Europe 2020 Strategy. The Europe 2020 Strategy establishes Resource efficiency as one of its fundamental Flagship initiatives for ensuring smart, sustainable and inclusive growth of Europe.

DG Environment has launched a study to support this Resource Efficiency Flagship of the EU 2020 Strategy. The study analyses the environmental and economic implications of resource efficiency improvements in the Built environment up to 2030 in quantitative terms and 2050 in qualitative terms. This study is executed by TNO, CML, Alpen-Adria University/ Social Ecology and PE International and it runs between early 2012 and the beginning of 2014.

The project concentrates on Built environment: residential buildings, offices and built infrastructure. For built infrastructure they concentrated on road infrastructure.

During the study 10 'Topical papers' are drafted about crucial elements of the scenario modelling. These topical papers form the basis for discussion in the stakeholder meetings.

EAPA contributed to two of these "Topical Papers" by providing comments and advice, being:

Topical Paper 4: Validation of technical improvement options for resource efficiency of buildings and infrastructure.

Topical paper 5: Policy options for resource efficiency as input for modelling.

According to TNO the study results indicate that a significant reduction of resource usage could be achieved in the built environment by 2030 with zero or close to zero effects on GDP.

The final Conference of the study "Scenarios Towards A Resource Efficient Europe" will be held on Thursday 20 February 2014, in Brussels.

EU PARLIAMENT STUDY ON ROAD MAINTENANCE

In 2013 the Committee on Transport and Tourism of the European Parliament asked an international transport consultancy (Steer Davies Gleave, Italy) to carry on a study on the Conditions and Quality of EU Road Surfaces: Economic and safety consequences of the lack of regular road maintenance.

EAPA provided this consultancy relevant information for this important study.

One of the goals of this study is to provide evidence to show the economic and safety consequences of the lack of regular road maintenance.

The consultancy should have their draft ready in January 2014 so it can be discussed in the European Parliament Committee on Transport and Tourism meeting in the March 2014.



E&E CONGRESS 2016

E&E CONGRESS 2016

DESTINATION  PRAGUE
EURASPHALT & EUROBITUME 4th E&E CONGRESS - 1-3 JUNE 2016

The Eurasphalt & Eurobitume Congress that will be held on 1 – 3 June 2016 in Prague is organised by four committees and a PCO (Professional Conference Organiser).

The **Organising Committee** will do the 'real' work to organise the event together with the PCO. This committee has 3 members of EAPA side and 3 of Eurobitume side and is chaired by Egbert Beuving of EAPA.

The **Technical Programme Committee** is dealing with the technical content of the Congress, the Call for abstracts, the Abstract selection, the Call for papers, the paper review process, etc. This committee has 4 members of EAPA side and 4 of Eurobitume side and is chaired by Mike Southern of Eurobitume.

The **Steering Group**, consisting of the Presidents, Vice-Presidents and Secretary-Generals of EAPA and Eurobitume), will take the main decisions.

The **Paper Review Committee** will consist of a group of 140 to 150 experts and they will review the papers.

On 20 January 2014 the Organising Committee had its first meeting in the offices of the PCO Guarant International. The main agenda items were: planning, budget, tasks of the PCO, the feedback of E&E Congress 2012, visit to the Prague Congress Centre, discussing theme and title of the E&E Congress 2016, the congress website, possible venues for social event, the congress languages for the interpretation and the promotion plan.

The Technical Programme Committee is planning its first meeting. This meeting will also be held in Prague to be able to visit the Prague Congress Centre.

EUROPEAN STANDARDISATION

CEN TC227 WG1

On 1 November 2013 the convenors of CEN TC227 WG1 had a meeting in London to discuss and create a "Road map" for the asphalt standards in the future. The question to be answered was: How to deal with Hot Mix Asphalt, Warm Mix Asphalt, Half warm mixtures, Half cold mixtures and Cold mixtures in the European asphalt standards in the future and what to do with Factory Production Control - and Type Testing standards. It was decided to propose CEN TC227 WG1 that there are two possibilities to produce bituminous mixtures:

- Bituminous mixture produced with emulsions
- Bituminous mixtures produced with hot bitumen.

That asphalt standards as we have them now plus and asphalt standard for Bituminous mixtures produced with emulsions.

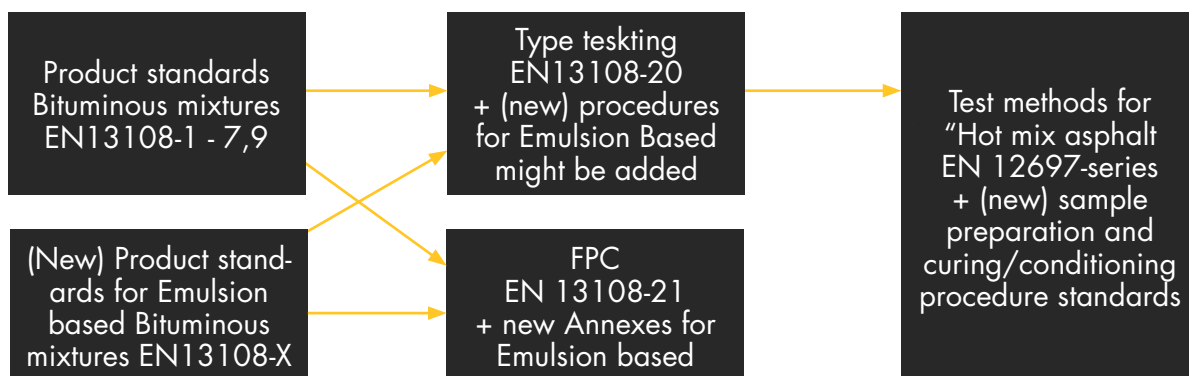
Regarding Type Testing: It will be proposed to keep one Type Testing standard. This standard is for emulsions based mixtures as well as mixtures based on hot bitumen. The present standard will need to be adapted. For emulsion based mixture some extra annexes might be needed and procedures in the system might be changed or added.

For emulsion based mixtures possibly some new tests might be needed and a standard for sample preparation with conditioning / curing procedure.

For Type Testing samples can be prepared or samples can be taken from a test road.

Also some additional (new) relevant test methods for Cold Mixes might be needed.

The goal will be to have good and adequate procedures for creating samples to be tested (including conditioning / curing) that represent the final product in the road (after ... months) then (theoretically) we can use the test methods (or most of the test methods) that were created for hot asphalt.



The use of RAP and the blending of the "old" and "new" bitumen in relation with the mixture temperature were also discussed. The question was: How to deal with this issue in the product standard and in ITT. There are different technologies operating at different temperatures and it is not sure how well the blending will be in the different processes. The lower the temperature the more uncertain it might become.

It was decided to create a questionnaire for the EAPA members + CEN TC227 WG1 members and they will be asked about their experience, what their opinion is regarding this subject and what is allowed in their country.

CEN TC336 WG1 TG5

CEN TC336 WG1 Task Group 5 (Framework Performance Related Specification for Bituminous Binders) had a meeting on 30 October 2013 in Brussels.

At this moment the Task Group is working on a draft Performance Related Specification (PRS) for Polymer Modified Bitumen (PMB). The present PMB standard is going out for 5-year review in 2014 and to goal of the Task Group is to have a proposal ready in 2014 for a new Performance Related standard for PMBs. In a later stage Performance Related Standards for Hard Paving Grade Bitumen and Multi-Grade Bitumen will follow.

A proposal from Eurobitume was circulated to TG5 experts prior to the meeting, which included 2 specification tables + accompanying document. The proposal was not very different from the initial proposal discussed at the previous meeting which was created by Bernard Eckmann (Eurovia) and Egbert Beuving (EAPA).

It is too early to mention details but it is most probable that; The Multiple Stress Creep Recovery (MCSR) test will be used for characterising rutting resistance.

The Bending Beam Rheometer (BBR) after Long Term Ageing will be proposed for low temperature behaviour as Fraass is not considered to be suitable for PMBs.

For stiffness at intermediate temperature it will be Dynamic Shear Rheometer (DSR). The temperatures for measuring G^* and δ in the DSR test are still being discussed.

The same applies to the binder to be tested (fresh, Short Term Aged, Long term Aged).

Declared values are recommended for several properties.

Also the format of the standard was discussed. The tables were presented in the same format as the existing EN, but in future each property may be shown separately (as in the asphalt standards).

At the next TG5 meeting, which will be held on 4 February 2014, there will be a final discussion meeting and it is then proposed to circulate the draft proposal to WG1 in time for the CEN TC336 WG1 meeting in March 2014. After endorsement by WG1, the proposal should be brought to the attention of TC336 prior to the systematic review of the PMB standard (EN 14023).

OTHER MEETINGS & EVENTS

NABIN BINDER SEMINAR IN OSLO



Mike Southern

On 15 October 2013 the Norsk Asfaltforening (Norwegian Asphalt Association) organised its 23rd NABin – Binder Seminar in Oslo and it was attended by about 70 persons.

This seminar was dealing with two subjects:

- Binder Quality and Binder specifications
- Foamed bitumen and bitumen emulsions

Egbert Beuving (EAPA) explained in his presentation “CEN and Performance related specifications” why the industry is working on Performance Related Specifications for bitumen, what had been done until now and when they will be available. In short: A lot of work has been done until now and the results of this work will be available in 2014 as a proposal to CEN TC336.

Mike Southern (Eurobitume) spoke about Binder Quality and Specifications. He described the Eurobitume Data Collection project and presented its outcome. The results of this project will be used in creating the Performance Related Specifications for bitumen. Real quality issues were not mentioned, but ways to measure it.

In the afternoon there were several presentations concerning foamed bitumen and bitumen emulsions. Nowadays foamed bitumen is often used in the production of Warm Mix Asphalt.

The last speaker was Roar Telle and he showed the results of the Norwegian Warm Mix Asphalt project and he informed the audience where Norway was today. He mentioned that the Norwegian Road Authorities wanted to accelerate the use of Warm Mix Asphalt and to achieve that they gave the contractors in 2013 a bonus payment, of about € 4,- per ton asphalt, when the WMA was produced at a temperature that was at least 25 degrees Celsius lower temperature than conventional production. This applied for foaming techniques. This bonus will also be given in 2014.

The PowerPoint slides of the presentations that were mostly in English, can be download from: http://www.norskasfaltforening.no/nyheter/nabin_in_viterer_til_seminar_15._oktober_2013

CZECH CONFERENCE AV'13



Dr. Carsten Karcher

From 26 to 27 November 2013 the Czech Road Contractors Association Praha and the Czech Road Society, Asphalt Pavements Section, held its yearly Asphalt Pavement Conference in České Budějovice. More than 400 participants from the asphalt sector and a big exhibition with more than 20 exhibitors made the conference a great success.

During the two conference days there were several presentations about the latest developments in the Czech Asphalt Industry, special paving projects and news from the road administration. There were also reports of the latest results of research projects and ongoing projects.

EAPA Director Dr. Carsten Karcher had two presentations, one on the “EAPA goals” and one on the “Health, safety, environmental and technical trends in EAPA”.

*Prof. Dr. Maja Makovec Brenčič**Egbert Beuving in Bled**Photo Prof. Wellner, TU Dresden
(by Ulrich van Stipriaan)*

14TH COLLOQUIUM ON ASPHALT AND BITUMEN

The 14th Colloquium on Asphalt and Bitumen was held on 28 and 29 November 2013 in Bled, Slovenia.

In his opening speech Mr Marijan Prešeren, vice president of the Slovenian Asphalt Pavement Association ZAS and General Director of the company CGP, pointed out the difficult situation in which construction contractors in Slovenia are. There is a great decrease in infrastructure investments. Many companies went bankrupt and it is still a difficult period. Investments are needed to maintain the assets. At this moment it is still the price that counts and that is not good because more focus on quality is needed.

During the technical sessions many aspects were addressed, like: the bitumen quality in Slovenia (Roman Bašelj, IGMAT, Slovenia), European Standardisation and the way to Performance Related Specifications for bitumen (Anja Sörensen, ARBIT, Germany), Low temperature asphalt with the asphalt producer view (Andreas Biedermann, AMANN, Switzerland), Warm Mix Asphalt in Norway (Arne Aaberg, EBA, Norway), Use of Asphalt Rubber Modification in Austria (Max Weixlbaum, TPA, Gestrata, Austria), Asphalt and bitumen modification with rubber in Germany and the first regulations of FGSV (Siegfried Sadzulewsky, Genan NRW GmbH, Germany.) and Life cycle cost analyses of typical pavement structures in Slovenia with the consideration of environmental impacts (Mitja Jurgele, DRI, Slovenia).

Egbert Beuving of EAPA spoke about Asphalt Marketing and he explained that we needed to inform all the road users about the work we are doing. We have a great product we are proud of and we should inform the others about this. We some personal examples he explained how our work is appreciated, but we often do not tell them what we are doing. When they are not aware of it, they do not realise that they use our product every day when they go to work, school, friends or whatever.

As usual there was also a Special Invited Lecture. This time Prof. Dr. Maja Makovec Brenčič talked about Marketing in civil engineering. She inspired the audience by explaining how to present and develop our business and she finalised her lecture by saying: "Asphalt people, tell us what you are doing and why your work is so important".

In total 167 participants attended this colloquium; 132 participants from Slovenia and 35 from 11 foreign countries.

The 14th Colloquium on Asphalt and Bitumen "in Pictures and Words" can be found at the ZAS website:
<http://www.zdruzenje-zas.si/index.php/en/component/k2/item/150-14th-colloquium-on-asphalt-and-bitumen-in-pictures-and-words>

DRESDNER ASPHALT DAYS 2013

During the Dresdner Asphalttage (Asphalt Days), held on 12 and 13 December 2013 in Dresden, Germany, almost 200 participants from research, economy and road administration among them EAPA director Dr. Carsten Karcher used the possibility to gain detailed information about actual research topics. The conference was hosted by the Chair of Pavement Engineering of the Technical University of Dresden (Prof. Wellner). Since 2009 every two years the Dresdner Asphalttage are part of the German conference calendar.

17 lecturers from different universities, research facilities and companies had presentations in five subject areas: On the road to Nano-Asphalt, Modelling of Asphalt Pavements, Analysis Technics, Prognosis and Design, Transfer to Praxis. The subjects of the presentations were dealing with the analytical pavement design of asphalt pavements, performance-based testing of asphalt and bitumen as well as modelling of material behaviour and asphalt pavements. Furthermore new material modifications e.g. nano-technology or new material composites were addressed.



HORIZON 2020

In December 2013 the European Commission published its Research calls for Horizon 2020. Horizon 2020 is the biggest EU Research and Innovation programme until now with nearly € 80 billion of funding available over 7 years (2014 – 2020). Horizon 2020 is the financial instrument implementing the “Innovation Union”, a Europe 2020 flagship initiative aimed at securing Europe’s global competitiveness.

“Innovation Union” is the European Union strategy to create an innovation-friendly environment that makes it easier for great ideas to be turned into products and services that will bring our economy growth and jobs. In the calls that were published in “HORIZON 2020 - WORK PROGRAMME 2014 – 2015” in December 2013 there are some very interesting calls for road infrastructure mentioned under “Smart, green and integrated transport”. In this document under “Infrastructure” there are 4 for interesting calls mentioned. See 53 – 58 of the call.

Most interesting ones are:

MG.8.1-2014: Smarter design, construction and maintenance and

MG 8.3-2015: Facilitating market take up of innovative transport infrastructure solutions

The call itself as well as other relevant documents can be downloaded from:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

Click on: Mobility for growth 2014-2015 (just take one). On the next page click on: Call documents. Then click on: Download all documents.

In case you are creating a proposal for Horizon 2020 EAPA could support your application by being part of the advisory group, the steering group or e.g. support the dissemination of the project.





INTERESTING UPCOMING EVENTS



NAPA ANNUAL MEETING 2014

The National Asphalt Pavement Association in the United States (NAPA) will have its 59th Annual Meeting under the heading "Driving decisions – Take Charge for Tomorrow" from 2 to 5 February 2014 in Boca Raton, Florida, USA.

The meeting is custom-engineered for senior and middle managers to gain greater insight into the asphalt industry. There will be general sessions, educational sessions, workshops and committee meetings for asphalt research and technology, health and safety, communication and environment. Additionally NAPA will hold internal meetings like the annual membership meeting or the director's lunch.

NAPA invited new EAPA director Dr. Carsten Karcher to join the meeting and to meet the colleagues from overseas.



EVENTS LIST 2014

JANUARI 2014

20 Jan

E&E Congress Organising Committee meeting in Prague

28 Jan

Joint EAPA – Eurobitume TC meeting

FEBRUARY 2014

2-5 Feb

NAPA Annual Meeting, Boca Raton, USA

4 Feb

CEN TC336 WG1 TG5 meeting

10-12 Feb

XVII. Deutsche Asphalttage in Berchtesgaden, Germany

11 Feb

CEN TC154 WG13/TC227 WG6 meeting in London

13 Feb

EAPA Asphalt Plant & Equipment Manufacturers meeting in Paris

20 Feb

EAPA Directors' Group meeting in Brussels

25-26 Feb

15th HAPA Conference on Asphalt in Balatonalmádi, Hungary

MARCH 2014

4 March

European Construction Forum meeting in Brussels

10-12 March

DAV Asphalt-Seminar in Willingen

13-14 March

CEN TC336 WG1 meeting in Berlin

25 March

EAPA HSE meeting in Cologne

25 March

EAPA Environment Group meeting in Cologne

26 March

EAPA TC meeting in Cologne

APRIL 2014

7 April

Gesprächskreis Bitumen, meeting Redaktionsgruppe IARC Monograph

8 April

CEN TC227 WG6 meeting in Berlin

9 April

CEN TC227 Chairmen's Panel meeting in Berlin

14-17 April

TRA 2014 in Paris

24 April

E&E Congress Organising Committee meeting in Brussels

28-29 April

CEN TC227 WG1 meeting in Reykjavik

MAY/JUNE 2014

12-13 May

CEN TC227 meeting in Delft, the Netherlands

2-5 June

ISAP 2014, Raleigh, USA

6 June

Joint EAPA – Eurobitume TC meeting in Cologne

11 June

EAPA ExCo meeting in Paris

12 June

EAPA GCA in Paris

12 June

8th EAPA Symposium in Paris

13 June

GAPA meeting in Paris

17-18 June

CEN TC336 Meeting in Luxembourg

26-27 June

E&E Congress Organising Committee meeting in Prague

OKT/NOV 2014

30 Sep -02 Oct

Deutscher Straßen- und Verkehrskongress, Stuttgart

7-8 Oct

CEN TC336 WG1 meeting in Milan, Italy

16-17 Oct

CEN TC227 WG1 meeting

22 Oct

EAPA ExCo meeting

22 Oct

Joint EAPA – Eurobitume ExCo meeting

23 Oct

EAPA Directors' Group meeting

28 Oct

EAPA HSE meeting in Brussels

28 Oct

EAPA Environment Group meeting in Brussels

29 Oct

EAPA TC meeting in Brussels

19 Nov

Gesprächskreis Bitumen, Germany



EAPA MEMBERS

MEMBERS

ASMUD - Turkish Asphalt
Contractors Association

Asefma



Asfaltindustrien

DAV -
Deutscher Asphalt Verband e.V.

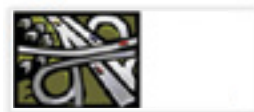
Eesti Asfaldiliit



EBA

HAPA - Hungarian Asphalt
Pavement Association

Infra Contractors' Association

IAPA - Irish Asphalt Pavement
AssociationMPA - Mineral Products
Association

NCC AB

PAPA - Polish Asphalt Pavement
Association

Peab Asphalt AB

Sdruzeni pro vystavby silnic
Praha

USIRF - Routes de France

ZAS -
Združenje asfalterjev Slovenije

ASSOCIATE MEMBERS



Ammann Group



ABZ-1



Arizona Chemical



Benninghoven



BTC Europe GmbH



Caterpillar Paving Products Inc.



CRH plc.



DuPont CZ s.r.o.



ICL Performance Products LP



infraTest



Genan



Honeywell



J. Rettenmaier & Söhne GmbH & Co



Kraton Polymers Nederland B.V.



MeadWestVaco



PQ Corporation



SOMA Enterprise Ltd



STAR ASPHALT S.p.A



Turkish Petroleum Refineries Co.



Vögele



Volvo Construction Equipment