

SHAPING THE FUTURE FOR **BITUMEN**

*One industry. One voice. Infinite possibilities.*



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## PRESIDENT'S FOREWORD



*'We need to live the brand if we want to keep growing'*

**Siobhan McKelvey**  
Eurobitume President

During the Autumn Meeting last year, Eurobitume and its membership agreed on a vision for the future: **to become the first reference for bitumen in Europe.** Reaching this milestone is important, as it will give us more recognition and credibility. I believe this is well within our reach, but only if we nurture and build the Eurobitume brand and the offer that comes with it.

Branding is vital for any organisation and it goes far beyond creating a logo. We need to live the brand if we want to keep growing. A strong brand can increase our perceived equity, adding value to our association. It can also help unite and motivate our staff, and plays a pivotal role in attracting new members, while keeping existing ones.

We have a number of communication tools at our disposal that have been effectively used to enhance our brand equity externally over the past 12 months. These include the Eurobitume website, our e-newsletter, stakeholder events and, of course, our social media channels.

Internally, we have also made great strides during 2017 by changing the format of our general meetings, launching member recognition awards and establishing direct communication channels with our membership.

All of these actions, both internal and external, have helped develop the Eurobitume brand and their impact is already being felt. Eager to join Eurobitume, companies are today regularly reaching out and the number of people attending our general meetings has risen sharply.

For 2018, we will continue to build our brand through a mix of communications, events and other initiatives. Our Asphalt Advantages campaign is entering its second phase in April and will feature messaging towards more specific audiences.

I am also very much looking forward to June's E&E Event 2018 taking place in Berlin. This is a great opportunity to cast our net wider, giving even more people an insight into what we do. And it should pave the way for future events, which will help us achieve our ambition of becoming the first reference for bitumen in Europe.

Finally, I would like to thank the Eurobitume team for all their support. They have always been committed, but with this new vision we are now all working towards the same goal. I feel that they are embracing Eurobitume's transformation, which is giving them even more motivation. And this makes me extremely proud.

I would also like to personally thank the Eurobitume membership for their continued cooperation over the past twelve months. As Aristotle once said, 'the whole is greater than the sum of its parts' and his observation is certainly appropriate. Without your support, Eurobitume would not be what it is now, nor what it is striving to become.

I am very much looking forward to the next chapter.

**Siobhan McKelvey**  
Eurobitume President

# DIRECTOR GENERAL'S OVERVIEW OF 2017



**Aimé Xhonneux**  
Eurobitume Director General

**For me, 2017 was the year when Eurobitume reached its optimal cruise speed. Prior to this, we were devoted to integrating several national associations into the new Eurobitume structure. But last year was different. Our integration was finally complete and we started to spread our wings.**

That's not to say that we can now rest on our laurels. In fact, quite the opposite is true. Even though Eurobitume now has all the necessary structures in place, we still need to be continually aware of the environment around us, and be ready to adapt our approach accordingly.

With this in mind, we decided to set up Task Force Organisation in 2017. We did this to prepare ourselves for the myriad of changes happening in the technical as well as in the health and safety areas of our business. This Task Force is due to publish its first report at our General Meeting this coming April. Its recommendations will spur the beginning of this evolution and I'm excited to see them.

Over the past year alone, we have doubled our membership, from 12 to 24. We have extended membership opportunities to all companies involved in the bitumen supply chain, who now have the option of becoming Associate Members. This has resulted in bitumen hauliers, testing laboratories and academic institutions all joining the Eurobitume family over the course of 2017.

I'm happy to report that today we regularly have companies contacting us, requesting to join Eurobitume, or at least asking for some more information about the association. This is a big success and paints a very different picture to 2014, when we were first starting out.

2017 also saw us embracing new technologies, in particular digital communications. We continued to enhance our presence on social media and I am convinced that this medium will become increasingly important in our outreach moving forward.



*'Over the past year alone,  
we have doubled our membership'*

In December, our Public Relations Committee met in London for a communications workshop in which its members came up with a clear and cogent communications roadmap, which we, up until now, had been sorely missing. I'm looking forward to seeing aligned communication messages appearing across all of our channels, helping us to become the first reference for bitumen in Europe.

As well as bolstering our external communication efforts over the past 12 months, we have also been talking to our members internally so that we can provide them with what they need, and really show them the benefits of Eurobitume membership.

To this end, we have developed company-branded burns cards as well as safe handling of bitumen documents, which are now available for download in multiple languages on our website. We will continue to produce such documents for our members.

In addition, we hold an annual Senior Management Meeting, in which we listen to the needs of our member companies. This ensures that our efforts are aligned with their expectations.

Our Spring and Autumn Meetings are continuing to grow, with more than 90 delegates attending our last meeting in Lisbon, Portugal. This number is a dramatic increase on a few years ago and shows that the Eurobitume brand is growing and that we are progressing nicely. This is something I'm very happy about.

I'm also delighted that we are collaborating with like-minded organisations, such as the Asphalt Institute in the United States. We have set up common Task Forces together and we regularly attend their meetings across the pond and vice versa.

And of course, I would like to mention the European Asphalt Pavement Association (EAPA), with whom our cooperation has blossomed over the years. I'm eager to see the fruits of our joint efforts at both the E&E Event 2018 in Berlin and the E&E Congress 2020 in Madrid.

There have been a number of changes over the past year, with our much-valued colleague Chris Southwell, retiring from the bitumen sector after 42 years. I would like to take this opportunity to thank Chris for his dedication and years of service. He will be missed.

But Chris is not the only one who is retiring. I will be doing the same at the end of 2018. I wanted to take the opportunity to thank all of you for the support you have shown me during my time here. It will be sad to say goodbye to Eurobitume but I'm proud to be leaving the association in such good shape. And I'm confident that we are now well placed to grow and meet the challenges to come.

Looking back, it's safe to say that we have reached a really high level in just a few years. We simply couldn't have expected this in 2014, when we started the integration process.

These were just a few of my thoughts on how the past year went. Find out more by taking a look at the rest of Eurobitume's Annual Review for 2017. Enjoy.

  
**Aimé Xhonneux**  
Eurobitume Director General

# SPEAKING WITH ONE VOICE

The European bitumen industry has never had a stronger voice. Membership numbers doubled in the past two years and ten organisations (listed below) joined Eurobitume in 2017 - demonstrating the value they see in being part of an association that works hard on behalf of its members to create a positive environment for sustained bitumen demand in Europe.

- Spanish bitumen refiner ASES (Asfaltos Españoles SA)
- Asphalt knowledge-sharing centre Asfalt Kennis Centrum
- BASF's European sales organisation for small and medium-sized customers focused on specialty chemicals, BTC Europe GmbH
- European liquid products transportation specialist Eb-trans Group
- Independent inspection laboratories business GEOS Laboratories
- European transport and logistics company Groupe Charles André
- Independent inspection, sampling and testing company Inspectorate Antwerp NV
- Leading road tanker manufacturer the Magyar Group SA
- Netherlands-based PMB producer and pavement engineering company Ooms Producten
- The University of Antwerp Energy and Materials in Infrastructure and Buildings research group

As well as developing and communicating industry positions on important technical, HSE and regulatory issues, Eurobitume promotes the efficient, effective and safe use of refined bitumen. We also work with government and regulatory bodies to develop and maintain testing procedures and safety standards, to ensure the highest possible quality standards in all bitumen-related operational activities.

## Successful Spring and Autumn Meetings

The newly-adopted two-day format for our Spring and Autumn Meetings proved popular with delegates from member and associate member organisations, invited representatives from prospective member companies and our guests from the Asphalt Institute in the United States. We also hosted external guests from BG Bau and INRS.



## TOGETHER, WE MAKE MORE IMPACT



Both well-attended meetings contained a variety of valuable elements, including summaries of the association's activities throughout the year, interesting Eurobitume Committee meeting open sessions and activity reports, welcome receptions and presentations by prospective new members, excellent networking opportunities and cultural tours of the respective host cities – Brussels for the Spring Meeting and Lisbon in the autumn.

Active involvement in Eurobitume's four main committees – Health, Safety and Environment (HSE); Technical: Public Relations and Communications (PRC); and Membership - is key to the association achieving our objectives. The various committee meeting open sessions provided an excellent insight into not only the types of issues these committees address, but also the many varied activities they undertake on behalf of members.

For instance, attendees to the HSE Committee open meeting heard that during 2017 the HSE Committee continued to review, update and publish new guidance and advice for members on subjects ranging from safety showers to hydrogen sulphide. It was also involved with national and international studies regarding the exposure of workers to hot bitumen emissions, and had Task Forces focusing on topics including the differences between straight-run, air-rectified and oxidised bitumen, and the safe handling of bitumen.

Elsewhere, meeting attendees learnt that in 2017 the Technical Committee worked on a variety of topics, including a detailed analysis of the Life Cycle Inventory of bitumen and a review of European bitumen standards EN 12591 and EN 14023. A number of technical Task Forces were set up in 2017, including TF Specifications, which will develop a consensus position on specification revision; TF Test Methods is assessing new test methods and will develop a

consensus position; TF Life Cycle Inventory Review began a fresh review of the carbon contribution of bitumen throughout its life; and a new TF was set up late in the year to revamp the technical section of the Eurobitume website.

Meanwhile the PRC Committee continued to grow Eurobitume's communications profile, enhancing our online and social media activities, developing the next phase of the Asphalt Advantages campaign and getting ready for the inaugural E&E Event, 'Preparing the asphalt industry for the future' in 2018.

## Road infrastructure in Germany

More than 50 people from ministries, authorities, construction and the asphalt and bitumen industries attended Eurobitume Deutschland's 'Road infrastructure in Germany' panel discussion event. It was organized to address the need for enhanced investment in and improved management of road maintenance and construction across the federal and secondary road network in Germany.

As well as lively networking sessions at the start and end, there was an interesting panel session which covered topics including work bottlenecks caused by the widespread late release of tenders within the road construction 'season', and the shortage, post-global economic slowdown, of suitably qualified and experienced engineers.

## The importance of the bitumen industry in France

Ahead of the French general election in June, Eurobitume France worked with the French Oil Industry Association, UFIP, to produce a road infrastructures card highlighting the importance of the bitumen industry to the French economy - because of its vital role in roads.



The informative card was part of a valuable UFIP briefing file that powerfully demonstrated to government ministries, their administrations and to election candidates how socio-economically important the oil industry and key sub-sectors including bitumen are to France. It also included proposals to encourage future leaders of the country to meet the challenges of improving infrastructures and mobility in France.

In partnership with EAPA (European Asphalt Producers' Association), Eurobitume announced in 2017 the launch of the inaugural E&E Event, 'Preparing the asphalt industry for the future'. This event is being organised in response to feedback from various bitumen and asphalt industry stakeholders and will be held on 14th to 15th June 2018 in Berlin.



This highly interactive thought leadership event will complement the successful and well-established E&E Congress. Taking place every four years between congresses, it will offer an effective platform to continue the important dialogue between key industry stakeholders.

After extensive preparations and consultation, online registration opened at the end of 2017 and the provisional programme was released. The six strategic issues which will be addressed in the event sessions are:

- Tomorrow's world, tomorrow's roads, tomorrow's asphalt!
- Financing solutions for roads
- Sustainability - Reducing CO2 emissions
- Health & safety best practices and future requirements
- Technology - What are the challenges for implementation?
- Communication - How to attract new recruits



For the latest information about the E&E Event 2018, visit [www.eeevent2018.org](http://www.eeevent2018.org)

### Strategic Asphalt Research Symposium

In May, invited representatives from Eurobitume and individual member companies attended the inaugural Strategic Asphalt Research

(STAR) Symposium. This was a thought leadership event organised by the Asphalt Institute Foundation to identify issues and potential areas of future strategic research that would help our industry meet and adapt to challenges and opportunities in the next 10-20 years.

This initiative focussed on identifying the future issues where strategic research by our



industry relating to economics, performance, sustainability and workers will enable us to remain best-placed to encourage the continued, safe and effective use of bitumen. It also linked excellently with the theme of this year's E&E Event, 'Preparing the asphalt industry for the future'.

### Second 'Rencontres Bitume' in France

Eurobitume France's second annual bitumen thought leadership meeting took place in June at the prestigious FNTP (National Federation of Public Works) building in Paris. More than 120 people from the French bitumen industry, government, authorities, professional associations, academia and other road industry stakeholder organisations attended.



Experts from different fields provided valuable insights across a broad range of topics, including:

- Expectations and prospects for the French road industry - which had begun to see an increase in road construction and maintenance activity after some difficult years
- Bitumen recycling research
- 5th generation roads and the need to adapt infrastructures
- An update on the work of the National Observatory of the Roads with regard to assessing the effectiveness of different road maintenance approaches



### Bitumen consumption statistics

In 2017, Eurobitume's Membership Committee set up Task Force Statistics to:

- Expand the scope of the existing data gathering and dissemination to as many European countries/regions as possible
- Provide continuous statistics on bitumen sales and customs data with a historic delay of six months - complying with the Eurobitume competition law guidelines

- Produce yearly detailed statistics
- Differentiate the level of consumption information provided to members and non-members



### Eurobitume Bitumen Consumption Statistics for Europe 2016

The data is presented by country/region, where data has been made available, and provides a representative indication of the total consumption across all grades of bitumen. To compile the 2016 data, Eurobitume contacted all the bitumen producers in Europe and 13 responded. Consumption is reported by country where at least four suppliers have provided data. Where fewer than four suppliers responded, country figures are grouped together.

	Million tonnes
Austria, Switzerland	482
Belgium	633
France	2,718
Germany	1,449
Northern Europe (Denmark, Norway, Sweden, Finland, Estonia, Latvia, Lithuania, Iceland)	1,542
Eastern Europe (Bulgaria, Czech Republic, Poland, Hungary, Slovakia, Romania, Slovakia)	1,186
Southern Europe (Italy, Greece, Cyprus, Malta)	1,128
Iberian Peninsula	878
Ireland	170
United Kingdom	1,341
<b>2016 Total</b>	<b>14,074</b>

In 2017 we published the 2016 Eurobitume Bitumen Consumption Statistics for Europe, which presented the data by country/region and provided a representative indication of the total consumption across all grades of bitumen:

- 11.274 million tonnes of bitumen were consumed in Europe in 2016
- Approximately 93% of all the bitumen supplied was used for paving applications - the remaining 7% going into industrial and other applications.

### Representation on PIARC Committee in France



Eurobitume France is a member of the influential French PIARC (World Road Congress) Committee, which:

- Produces and shares knowledge about road construction techniques and road transport with governments to help them make infrastructure policy
- Organises information and exchange events such as technical days on current topics
- Seeks synergy with other associations in the road sector (e.g. IDRRIM), notably by organising joint actions and promoting useful links

### Asphalt Advantages campaign evolution

Our work in support of the Asphalt Advantages campaign continued in 2017, with 12 more Asphalt Advantages added to the campaign website, providing further statistical information supporting the long-term sustainability and economic benefits of using asphalt.

Interest in the campaign continues to grow, with more people than ever visiting the website to read about the sustainability, comfort, safety and economic benefits



of choosing asphalt. Market research also revealed there was 'high' interest in the sustainability, economics and safety themes;

and that 'informative' and 'useful' were the top two words users used to describe the campaign.

### Doubling the service life of asphalt roads in the Netherlands

Eurobitume Benelux Manager Theo Terlouw has been part of the Asphalt Impulse project in the Netherlands from its inception. As part of this project, industry stakeholders are considering how to improve the life expectancy and durability of roads, reduce maintenance requirements and cut CO2 emissions.



Following two workshop sessions earlier in 2017, 35 projects - covering lifetime predictions, quality improvement, quality assurance, cost-effectiveness, recycling and durability, and asphalt contracts - were identified. If they secure the necessary funding, they will double the average lifetime expectancy of asphalt roads and halve CO2 emissions in the asphalt production and pavement laying chain.

### Future-proofing local roads in the UK

The Asphalt Industry Alliance (of which Eurobitume is a key part) staged its 7th Sharing Best Practice event in Birmingham in September. Local authority highway engineers learnt about new approaches and shared their own experiences of success and challenges in the industry.

More than 85 delegates, representing local authorities across the country, heard a selection of interesting case study presentations. They also viewed a 'Fit for the Future' poster session which emphasised materials innovation and application.

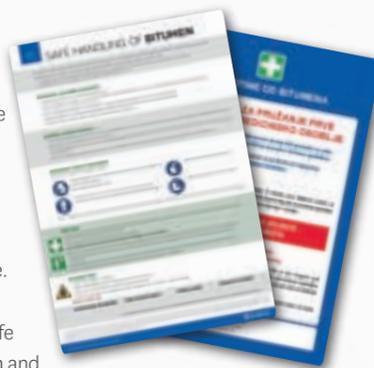


## ESTABLISHING A CLEAR POINT OF REFERENCE

### HSE advice and documentation

In 2017, Eurobitume's wealth of safety advice was increased by the addition of bitumen burns cards in six more languages – Bulgarian, Hungarian, Romanian, Serbian, Slovakian and Slovenian. These cards are now available in more than 20 languages and set out the latest expert guidance if anyone needs to administer first aid to bitumen burn victims.

All of Eurobitume's expert health and safety guidelines are available in various languages through the Publications section of the Eurobitume website. Topics range from advice about the safe handling of bitumen and hydrogen sulphide in bitumen emissions, through to safety shower and safe delivery guidelines.



During 2017, the HSE Committee continued to review, update and publish new guidance and advice for members on a range of topics: from bitumen burns and safety showers to hydrogen sulphide and safe handling. It was also involved with national and international studies regarding the exposure of workers to hot bitumen emissions.

Various task forces focused on several topical areas. Task Force Differentiation is looking at the differentiation of straight-run, air-rectified and oxidised bitumen; Task Force Mastic Asphalt is looking at how greater emphasis could be given to the recommendation about not exceeding the maximum safe handling temperature; and Task Force Safe Handling is looking at the safe handling of bitumen.

Elsewhere there were two joint task forces with the Asphalt Institute (AI): one looking at the lung function of asphalt workers and the other analyzing fire prevention. The former undertook a detailed assessment of the updated meta-analysis on cancer risk associated with exposure to bitumen and bitumen emissions which came from a systematic review conducted by Professor Bofetta on behalf of Eurobitume and AI.

## CLARITY AND INSIGHT ON HSE AND TECHNICAL ISSUES

### National HSE activities

In Germany, Eurobitume Deutschland worked on a number of initiatives through the German Bitumen Forum. The MAK Commission's report is expected to be published in 2018. A PAH (polycyclic aromatic hydrocarbon) testing programme will also be worked on through the German Bitumen Forum.



Eurobitume France worked with a number of organisations in 2017, including ANSES and INRS on health studies, and on initiatives such as the provision of suitable safety showers at bitumen delivery facilities and the remote opening of bitumen haulage truck tanks.

In the United Kingdom, Eurobitume UK was also involved in safe delivery initiatives, as well as an accident report, training workshops and the dissemination of best practice.

Eurobitume Benelux provided input into the working group looking at workplace safety for asphalt industry workers in Belgium. It also provided expert contributions in the Netherlands regarding environmental targets and H2S fumes.

### Technical activity

In 2017, the Technical Committee undertook a variety of work including a detailed analysis of the Life Cycle Inventory of bitumen and a review of European bitumen standards EN 12591 and EN 14023.

To enable a detailed focus to be given to particular technical issues, a number of task forces were active in 2017: Task Force Specifications began work on developing a consensus position on specification revision; Task Force Test Methods is assessing new test methods and will develop a consensus position; Task Force Life Cycle Inventory Review began a fresh review of the carbon contribution of bitumen throughout its life; and the new Task Force Technical Website Review was set up late in the year to revamp the technical section of the Eurobitume website.

### Technical activities at a national level

Eurobitume Deutschland was very active across a range of issues, including the new technical application document for viscosity-modified bitumen, enhanced data gathering ahead of a new specification being developed, and the annual round robin testing of paving grade and polymer modified bitumen.



Round robin testing of paving grade bitumen and of hot mix asphalt was also an area of active support in France. Eurobitume France worked in partnership with IDRIM on a project looking at winter damage of roads as well as on a separate pavement lifetime research project.



In the United Kingdom, Eurobitume UK was involved in discussions regarding a specification for viscosity-modified binders, and partnered with Highways England and the Mineral Products Association to look at quiet surfacing, a review of surfacing specification proposals, the in-situ non-destructive testing of asphalt and asphalt recycling.

Elsewhere, Eurobitume Benelux successfully petitioned for a service order dictating that 40% of motorways in Flanders, Belgium, had to be concrete to be revised. In the Netherlands it provided expert input into the five-year Asphalt Impulse programme which is looking to improve durability and innovation in road building.



# SETTING *THE STANDARDS*

## Local UK roads in terminal decline

Within five years, one in six local roads in the UK will need to be repaired or may even face closure. This prediction was reported in the 2017 UK Annual Local Authority Road Maintenance (ALARM) survey published by Eurobitume UK and its Asphalt Industry Alliance partner, the Mineral Products Association.



The local road network is in a precarious state because of decades of underfunding, an ageing network, increased traffic and wetter winters. The survey revealed that over £12 billion of investment is now required to bring the quality of the network up to scratch.

The ALARM survey, produced by the Asphalt Industry Alliance (AIA), is now in its 22nd year. It is widely respected throughout industry and local and national government as the most authoritative and comprehensive study into local road maintenance funding and condition.

It again reports local authorities need over £12 billion to bring the network up to scratch – a figure that has remained largely unchanged for four years. The gap between the amount they received this year and the amount they say they need to keep the carriageway in reasonable order is almost £730 million.

A large number of local authorities have also been hit with unforeseen costs (England: 43%; London: 53%; Wales: 56%), primarily as a result of structural failures caused by adverse weather and increased traffic, which have put additional pressure on resources.

The number of potholes filled over in 2017 dropped again for the second successive year but is still high at 1.7 million – one every 19 seconds.



## Technical update

Our Technical Committee continued to provide important input into the development and revision of bitumen standards such as EN 12591. The proposed revisions went to Formal Vote in Q3 2017.

We also continue to assess and refine appropriate test methods, with members currently contributing to the development of enhanced DSR (Dynamic Shear Rheometer) testing procedure standards to ensure even more reliable results regarding binder performance.



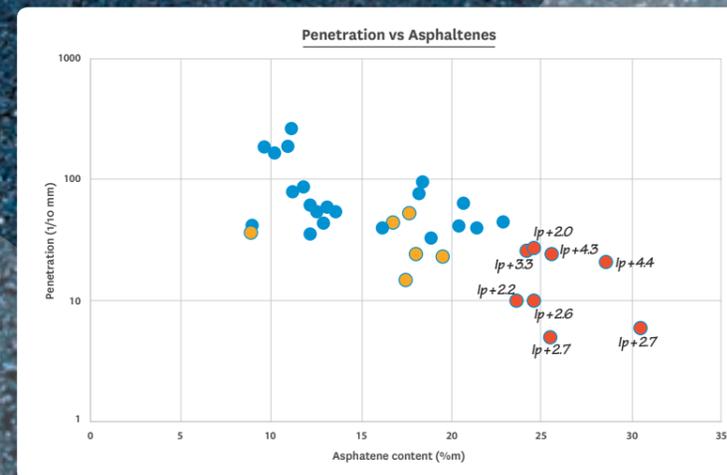
## Bitumen differentiation update

Task Force Differentiation found further evidence of the differences between air-rectified and severely oxidised bitumen which currently have the same CAS / EINECS number but are used in different applications.

A study of the asphaltene content of a range of bitumens confirmed that air-rectified samples were more similar to straight-run than to severely oxidised bitumens, although no clear cut-off point was identified.

The asphaltene content findings were to be added to the existing Eurobitume document on physical differentiation which was based on penetration index and then shared with other key stakeholders.

# QUALITY ASSURED FOR ALL BITUMEN OPERATIONS



# WORKING HARD ON SHAPING *THE FUTURE*

Individuals from core and associate member organisations, local representatives and Eurobitume staff worked together in the following groups during 2017:

## Board of Directors

Christophe Jacquet – Total (Vice President - from October 2017)  
Emma Mallinson - Shell  
Siobhan McKelvey - Nynas (President)  
Carsten Meyer - Hoyer  
Marc Montagnat – Total (until October 2017)  
Tobi Pardo – Cepsa (from September 2017)  
José Luis Prieto - Cepsa (Vice President - until September 2017)  
Markus Spiegl - OMV (Treasurer)  
Charlotte Toulemonde - ExxonMobil  
Benoit Vandermeeren - ATPC  
Massimo Varani / Maria Rita Valentineti - Eni  
Aimé Xhonneux - Eurobitume

## Board of Directors Guest

Mike Southern - Eurobitume

## General Meeting

Arian de Bondt – Ooms Producten (from October 2017)  
Michael Frenzl - Kraton  
Jaime Halcon - Repsol  
Emma Mallinson - Shell  
Christophe Jacquet – Total (since October 2017)  
Stéphane Joffre – Groupe Charles André  
Paul Landa – Asfalt Kennis Centrum (from October 2017)  
Susana Maricato – Petrogal  
Stéphane Martin – G. Magyar  
Siobhan McKelvey - Nynas  
Carsten Meyer - Hoyer  
Marc Montagnat – Total (until October 2017)  
Tobi Pardo – Cepsa (from September 2017)  
Hervé Perrin – EB Trans  
José Luis Prieto – Cepsa (until September 2017)  
José Luis Prieto – Asesa (from October 2017)  
Alfredo Punzo – API  
Franz Saif – BTC Europe  
Jan Soers – Geos Laboratories (from October 2017)  
Mike Southern - Eurobitume  
Markus Spiegl - OMV  
Charlotte Toulemonde - ExxonMobil  
Maria Rita Valentineti - Eni  
Benoit Vandermeeren – ATPC  
Gunter Verhestraeten – Inspectorate Antwerp (Group Veritas)  
Zachary Vuong - Puma Energy  
Cedric Vuye – Antwerp University  
Aimé Xhonneux - Eurobitume

## General Meeting Guests

Jorge De Morais – Petrogal  
Nadège Dufour – Groupe Charles André  
David Giles – Eurobitume UK (from October 2017)  
Paulo Guerreiro - Petrogal  
Jean-Michel Michou - Eurobitume France  
Cristina Pereira - Asesa  
Vicente Perez – Cepsa  
Thomas Perri – Groupe Charles André  
Alfonso Ramos - Asesa  
Heinz Rusch - Eurobitume Switzerland  
Sean Salt - Puma  
Anja Sörensen - Eurobitume Deutschland  
Chris Southwell - Eurobitume UK (until December 2017)  
Theo Terlouw - Eurobitume Benelux  
Wim Vandenbergh – Antwerp University  
Massimo Varani - Eni

## HSE Committee

Mario Barranco - Cepsa  
Sandra Blazquez Borra – Repsol  
Kyra Debeaune – Inspectorate Antwerp (Group Veritas)  
Javier Candeal – Repsol  
Lize Deferme - ExxonMobil  
Elisabetta Di Caprio - Eni  
Macarena Ferrero - Cepsa  
Jim Freeman - ExxonMobil  
Alvaro Gonzalo Sanchez - Cepsa  
Erica Jellema - Kraton  
Hans Ketelslegers - Concawe

## Karin Hennung - Nynas (Chair)

Stéphane Martin – G. Magyar  
Carsten Meyer - Hoyer  
Jean-Michel Michou - Eurobitume France  
Victoria Ochoa – Cepsa  
Henri Orengo – Total  
Hervé Perrin – EB Trans  
Simon Pritchard - Puma  
Carl Robertus - Nynas  
Steven Rodriguez – Puma  
Franz Saif – BTC Europe  
Fabio Salgado – Cepsa  
Sean Salt - Puma  
Anja Sörensen - Eurobitume Deutschland  
Paul Sohi - Asphalt Institute  
Mike Southern - Eurobitume  
Chris Southwell – Eurobitume UK  
Markus Spiegl - OMV  
Steve Stuthridge - Shell  
Mathieu Vaissière - Total  
Benoit Vandermeeren - ATPC  
Aimé Xhonneux - Eurobitume

## Membership Committee

Jaime Halcon - Repsol  
Emma Mallinson - Shell  
Stéphane Martin – G. Magyar  
Siobhan McKelvey - Nynas  
Marc Montagnat - Total  
**Jose Luis Prieto - Cepsa (Chair until September 2017)**  
**Markus Spiegl - OMV (Chair from September 2017)**  
Keith Stone - Shell  
Charlotte Toulemonde - ExxonMobil  
Aimé Xhonneux - Eurobitume

## Technical Committee

Francisco Barcelo - Repsol  
Frank Beer - Shell  
David Bell - Kraton  
**Frédérique Cointe - ExxonMobil (Chair)**  
Arian de Bondt – Ooms Producten (from October 2017)  
Andy De Ridder – Inspectorate Antwerp (Group Veritas)  
Michael Frenzl – Kraton  
Stéphane Joffre – Groupe Charles André  
Ian Lancaster – Nynas  
Paul Landa – Asfalt Kennis Centrum from October 2017  
Andreas Loibl - OMV  
Susana Maricato – Petrogal  
Stéphane Martin – G. Magyar  
Carsten Meyer - Hoyer (since October 2016)  
Jean-Michel Michou - Eurobitume France  
Olivier Moglia - Total (since October 2016)  
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José Luis Prieto – Asesa  
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Sean Salt - Puma Energy  
Anja Sörensen - Eurobitume Deutschland  
Jan Soers - Geos  
Mike Southern - Eurobitume  
David Giles - Eurobitume UK  
Theo Terlouw - Eurobitume BNL  
Maria Rita Valentineti - Eni  
Benoit Vandermeeren - ATPC  
Zachary Vuong - Puma Energy  
Cedric Vuye – Antwerp University  
Aimé Xhonneux - Eurobitume

## PRC Committee

Joanna Andreasson - Nynas  
Alvaro Macarro - Cepsa  
**Emma Mallinson - Shell**  
Stéphane Martin – G. Magyar  
Fabrizio Menghini - Total

Jean-Michel Michou - Eurobitume France  
Sharon Mo Ajok - Kraton  
Anja Sörensen - Eurobitume Deutschland  
Chris Southwell - Eurobitume UK  
Benoit Vandermeeren - ATPC  
Fabrizio Menghini - Total  
Aimé Xhonneux - Eurobitume

## Eurobitume Benelux

Jeroom Helsen - Total Belgium  
Anton Kroon - Total Nederland  
Laurent Michon - ExxonMobil  
Karel Poncelet - Shell  
Els Schelfhout - Nynas  
**Theo Terlouw - Eurobitume BNL (Manager)**  
Aimé Xhonneux - Eurobitume

## Eurobitume Deutschland

Mario Jentzsch - Nynas  
Rainer Keiemburg - Total  
Max-Albrecht Schindler - Eni  
**Anja Sörensen - Eurobitume Deutschland (Manager)**  
Stephan Welzer - Shell  
Anton Willner - ExxonMobil  
Aimé Xhonneux - Eurobitume

## Eurobitume France

Hervé Aubart - Total  
André Bononi - Repsol  
Saida Djeraba - Eni  
Marc Larrazet - ExxonMobil  
Quentin Lefrère - Shell  
**Jean-Michel Michou - Eurobitume France (Manager)**  
Els Schelfhout - Nynas  
Aimé Xhonneux - Eurobitume

## Eurobitume Switzerland

Jean-Yves Henzen - Total  
Mario Jentzsch - Nynas  
Laurent Michon - ExxonMobil  
Jürg Rohr - Eni  
**Heinz Rusch - Eurobitume Switzerland (Manager)**  
Aimé Xhonneux - Eurobitume  
Adrian Zippo - Shell

## Eurobitume United Kingdom

Dave Foster - Shell  
Fabrizio Portinari - ExxonMobil  
Sean Salt - Puma Energy  
Gary Schofield - Total  
**Chris Southwell - Eurobitume UK (Manager)**  
Andrew Williams - Nynas  
Aimé Xhonneux - Eurobitume

## Eurobitume & Asphalt Institute Leadership

Pete Grass - Asphalt Institute  
Karin Hennung - Eurobitume  
John Janes - Asphalt Institute  
Siobhan McKelvey - Eurobitume  
Marc Montagnat - Eurobitume  
Tobi Pardo – Eurobitume (from September 2017)  
José Luis Prieto - Eurobitume (until September 2017)  
Bob Sedon - URC  
Ralph Shirts - Asphalt Institute  
Paul Sohi - Asphalt Institute  
Mike Southern - Eurobitume  
Charlotte Toulemonde - Eurobitume  
Aimé Xhonneux - Eurobitume

## Senior Managers Meeting

Peter Backlund / Jim Christie - Nynas  
Jaime Halcon - Repsol  
Christophe Jacquet - Total  
Emma Mallinson - Shell  
Siobhan McKelvey - Nynas - EB President  
Susana Maricato - Petrogal  
Marc Montagnat - Total

## EUROBITUME COMMITTEES AND TASK FORCES

Thomas Moons - Shell  
José Luis Prieto – Cepsa (until September 2017)  
Alfredo Punzo - API  
Giovanni Santopaolo - Eni  
Markus Spiegl - OMV  
Charlotte Toulemonde - ExxonMobil  
Benoit Vandermeeren - ATPC  
Zachary Vuong - Puma Energy  
Aimé Xhonneux - Eurobitume

## TF Differentiation

Sandra Blazquez Borrás - Repsol  
Macarena Ferrero - Cepsa  
Karin Hennung – Nynas  
Hans Ketelslegers – Concawe  
Stéphane Martin – G. Magyar  
Victoria Ochoa - Cepsa  
Ignacio Perez - Cepsa  
Carl Robertus - Nynas  
Mike Southern - Eurobitume  
**Mathieu Vaissière - Total (Chair)**  
Aimé Xhonneux - Eurobitume

## Task Force General Meeting & Events

Frédérique Cointe - ExxonMobil (Chair Technical Committee)  
Karin Hennung - Nynas (Chair HSE Committee)  
Siobhan McKelvey - Nynas (Eurobitume President)  
Jean-Michel Michou - EB France (Local Initiatives Representative)  
Mike Southern - Eurobitume  
Aimé Xhonneux - Eurobitume

## TF LCI Review

Angel Bueno - Repsol  
Véronique Ducreux - ExxonMobil  
Luis Lopez Gamez - Cepsa  
Karin Hennung – Nynas  
Stéphane Joffre – Groupe Charles André  
Stéphane Martin – G. Magyar  
Laurent Porot - Kraton  
Sean Salt - Puma Energy  
Mike Southern - Eurobitume  
Richard Taylor - Shell  
**Wim Teugels - Nynas (Chair)**

## Contacts

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Damien Valdenaire - Concawe  
Benoit Vandermeeren - ATPC  
Céline Verrat - Total  
Aimé Xhonneux - Eurobitume

### TF Mastic Asphalt

**Lize Deferme - ExxonMobil (Chair)**  
Bas Govers - Kraton  
Siegfried Kamerer – OMV  
Karin Hennung - Nynas  
Stéphane Martin – G. Magyar  
Mike Southern – Eurobitume  
Anja Sörensen – Eurobitume Deutschland  
Markus Spiegl - OMV  
Steve Stuthridge – Shell  
Mathieu Vaissière - Total

### TF Organisation

**Marc Montagnat – Total (Chair)**  
Emma Mallinson - Shell  
Siobhan McKelvey - Nynas  
Charlotte Toulemonde - ExxonMobil  
Aimé Xhonneux - Eurobitume

### TF PEAA (TF Providing Evidence Asphalt Advantages)

**Egbert Beuving - EAPA (Chair)**  
Bernd Hinrichs - EAPA  
Carsten Karcher - EAPA  
Christine Leroy - EAPA  
Siobhan McKelvey - Eurobitume  
Malcolm Simms - EAPA  
Mike Southern - Eurobitume  
Aimé Xhonneux - Eurobitume

### TF Safe Handling of Bitumen

Kyra Debeaune – Inspectorate Antwerp (Group Veritas)  
Stéphane Joffre – Groupe Charles André  
Xenia Krueger - Shell  
**Paul Lamb - Nynas (Chair)**  
Carlos Lopez Esterabans - Repsol  
Stéphane Martin – G. Magyar  
Carsten Meyer - Hoyer  
Laurent Michon - ExxonMobil  
Jean-Michel Michou - Eurobitume France  
Henri Orengo - Total

Hervé Perrin – EB Trans  
Frank Saif – BTC Europe  
Mike Southern - Eurobitume  
Chris Southwell – Eurobitume UK  
Benoit Vandermeeren - ATPC  
Aimé Xhonneux - Eurobitume

### TF Specifications

Francisco Barcelo – Repsol  
David Bell – Kraton  
Andy De Ridder – Inspectorate Antwerp (Group Veritas)  
Maria Gonzalez - Cepsa  
Paolo Italia - Eni  
Andreas Loibl – OMV  
**Laurent Michon – ExxonMobil (Chair)**  
Olivier Moglia – Total  
Alfredo Punzo – API  
Anja Sörensen – Eurobitume Deutschland  
Claudio Sorano - API  
Mike Southern – Eurobitume  
Martin Vondenhof – Shell  
Aimé Xhonneux – Eurobitume

### TF Statistics

Viviane Dupont-Arnould – Eurobitume  
**Jean-Michel Michou – Eurobitume France (Chair)**  
José Luis Prieto – Cepsa (until September 2017)  
Anja Sörensen – Eurobitume Deutschland  
Chris Southwell – Eurobitume UK  
Keith Stone - Shell

### TF Test Methods

Mohammed Ammadi - Shell  
Francisco Barcelo – Repsol  
Elisabetta Caneyesi - Eni  
**Ian Lancaster - Nynas (Chair)**  
Laurence Lalalu - Total  
Andreas Loibl – OMV  
Jimmy Matheusen – Inspectorate Antwerp (Group Veritas)  
Laurent Michon - ExxonMobil  
Maria Asuncion Ruiz – Cepsa  
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