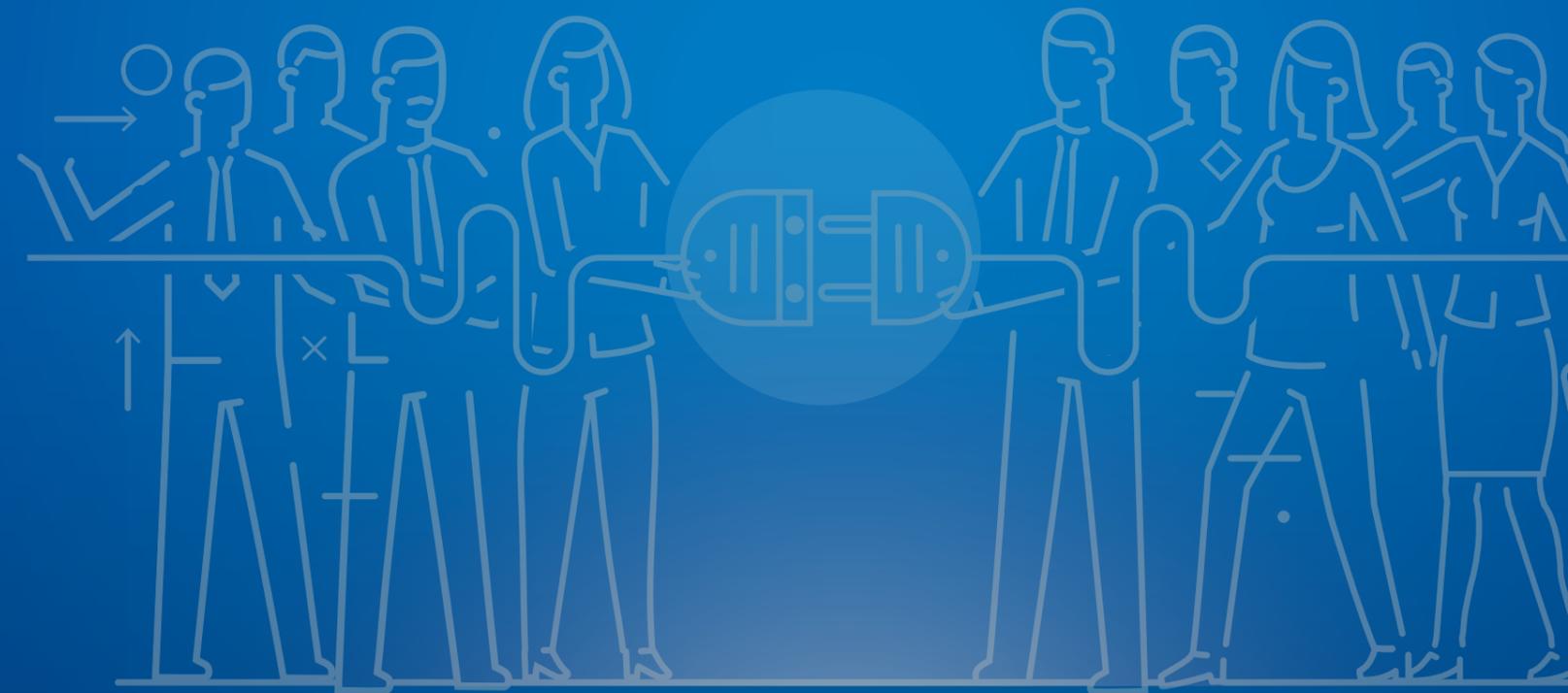


TOGETHER WE ACHIEVE MORE

One industry. One voice. Infinite possibilities.



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PRESIDENT'S FOREWORD

'Helping shape the future for bitumen'



Christophe Jacquet
Eurobitume President

Since becoming President, I have focused upon supporting the need to build a positive future for the bitumen industry through increased advocacy and enhanced stakeholder relationship management in particular.

In 2018 we made good progress towards realizing our vision of becoming the first reference for bitumen in Europe. The inaugural E&E (Eurasphalt and Eurobitume) Event in Berlin last June and the Eurobitume Autumn meeting in Paris in October (both of which you can read about in more detail on pages 7 and 10/11) stood out for the quality of the debate, and really helped members develop a better understanding of the long-term policy and vision of a bright future with bitumen.

Advocacy

Communicating the benefits of bitumen more widely to key influencers and opinion formers was evident throughout the year, with speaking opportunities an important element of this approach. I hope to see the focus in this area increase as we continue into 2019.

Eurobitume members and staff have been seen advocating on the same platforms as other industry experts when discussing common challenges such as Sustainability.

Stakeholder relationship management

As part of the on-going activities related to advocacy, we also invested additional time and effort forging stronger, closer links with other groups and associations with whom we share common interests, such as ERF (European Union Road Federation) and EAPA (European Asphalt Pavement Association). This improved interaction and collaboration with key stakeholders helped us all find solutions to shared challenges.

Reflecting the fact that our geographic influence extends beyond the European countries where we have a local representation, we also nurtured closer relationships with other bodies that share a common interest with us – both in Europe and further afield.

For example, in Spain we are forging closer links with ASEFMA (Spanish Association of Manufacturers of Asphalt Mixture) due to the preparation work involved for the next E&E Congress in Madrid - which is being supported by our local members Cepsa and Repsol.

We have two active members in Italy, Eni and Alma Petroli, and in 2019 we will be looking to work more closely with SITEB (the Italian road and bitumen association).

Further afield we strengthened our links with the Asphalt Institute in the United States, with whom we collaborated closely on topics of common interest including a review of the collaboration agreement we have had since 2009. The important revisions that have been made reflect the wider range of themes, including the addition of Education, where we can both benefit from working together in a Strategic Partnership. The revised Agreement will be signed by both parties in April 2019.

Value of Eurobitume membership

It is pleasing to report that more organizations chose to join Eurobitume in 2018, so they too could benefit as members from our increasingly strong voice for the bitumen industry in Europe, the exclusive access to our wealth of technical and HSE information, our expert guidance and advice, and the networking opportunities.

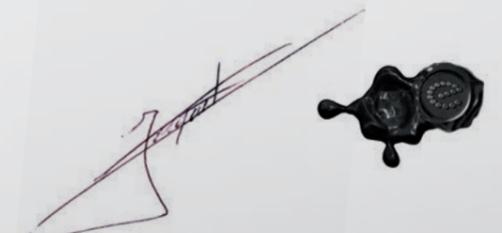
Delivering added value to members continues to be a key focus. As part of a wider programme to build stronger relationships with all our stakeholders, members welcomed the additional opportunities to help shape the future of the bitumen industry by being involved in our committees and take leadership positions – made possible by the rotation policies we introduced.

One-year Presidency

The decision to rotate the Presidency of Eurobitume after one year was an important change to recent terms of service, as it enabled us to reflect best international practice and provide greater opportunities for more individuals to take on leadership roles and be involved in driving the bitumen industry in Europe forward. At the end of this one-year term, it is normal for the Vice-President to take over as President – having become familiar with the role over the preceding 12 months.

Finally, I would like to thank the Eurobitume team and the Eurobitume membership for all their hard work, support and cooperation over the past year, which has been pivotal to us making the progress we have.

I look forward to continuing to build our advocacy and enhance our stakeholder relationships in 2019, as we take further steps towards achieving our vision of becoming the first reference for bitumen in Europe.



Christophe Jacquet
Eurobitume President



Siobhan McKelvey
Eurobitume Director General

New is a word that can be used to describe many Eurobitume developments and activities last year, when we continued to build our brand and vision, to be the first reference for bitumen in Europe.

We introduced a very well-received **new industry event**, the E&E Event; we welcomed a further **five new members** into the Eurobitume family; we introduced a **new leadership rotation policy**; we elected **three new Senior Officers** and a **new Director General**; and we integrated **three new people** to head up our local representations in the UK, Benelux and Switzerland.

New event

For me, a real highlight of 2018 was the inaugural E&E Event, **'Preparing the asphalt industry for the future'**, in Berlin. Jointly created by ourselves and EAPA, the E&E Event complements the E&E Congress, also runs every four years and provides the industry with a unique, highly interactive platform to share thoughts, discuss ideas about how we can prepare our industry to meet future challenges, continue important dialogues and share best practices every two years, instead of four!

Feedback was very positive from participants, who came from a wide cross-section of organisations associated with the bitumen and asphalt industries. In particular, they appreciated how easy it was to have their own say, take part in real-time audience polling, lively debate and Questions & Answers with the experts - thanks to the use of an audience interaction tool that worked with mobile phones.

There are more details about the E&E Event on page 7.

Five new members

Our voice in Europe strengthened further during the year, with five more organisations joining the Eurobitume family. At our Spring meeting in Brussels, we welcomed Rosneft Deutschland, a subsidiary of Russian petroleum company Rosneft, and GCN Suisse, which buys, sells and supplies bitumen.

NEW INITIATIVES, NEW PEOPLE, SAME VISION



'We continued to build our brand and vision, to be the first reference for bitumen in Europe'

Next to join was leading Italian heavy oil refiner Alma Petroli, which specialises in the production of bitumen for road paving and industrial applications.

At our Autumn meeting we welcomed another two organisations: Petroineos Services France SAS, a specialist refined products marketing company, and LCY Chemical Corporation, a Styrene Butadiene Styrene producer.

New committee chair rotation policy

Member participation is fundamental to driving Eurobitume forward. So, to help encourage member involvement in committees overall and provide opportunities for developing leadership roles as membership continues to grow, we introduced a two-year rotation of the Committee Chair role for our three expert committees: Technical, HSE and Public Relations and Communication. The rotation will take place at the annual Eurobitume Spring Meeting and be staggered: HSE and PRC one year and Technical the next.

New Senior Officers and Director General

There was managed change among the leadership team at our Spring meeting, when Christophe Jacquet from TOTAL was elected Eurobitume President, Markus Spiegl from OMV was appointed Vice-President and Keith Stone from Shell was elected Treasurer.

In September, I took over as Director General from Aimé Xhonneux on secondment from Nynas AB.

New heads of Eurobitume in the UK, Benelux and Switzerland

We also integrated three new people to head up our local representations following the retirements of Chris Southwell in the UK, Theo Terlouw in Benelux and Heinz Rusch in Switzerland - all of whom I would like to thank for how effectively they have served Eurobitume and our members. David Giles took over as the new head of Eurobitume UK in January, Max von Devivere started at Eurobitume Benelux in August and Hans-Peter Beyeler has led Eurobitume Switzerland since the beginning of November.

Finally, I would like to end this piece by thanking my predecessor Aimé Xhonneux for his excellent leadership of Eurobitume over the past six years. In particular, how he drove our successful restructuring, national integration and significant membership growth. This undoubtedly contributed to building a positive future for the bitumen industry!

Siobhan McKelvey
Eurobitume Director General

THE VALUE OF **MEMBERSHIP**



In 2018 a further five organisations joined the Eurobitume family, so they too could help shape the future of the bitumen industry in Europe by actively participating in Eurobitume's many activities.



- Heavy oil refiner **Alma Petroli**
- Bitumen purchasing, sales and supply company **GCN Suisse**
- SBS producer **LCY Chemical Corporation**
- Refined product marketing specialist **Petroineos Services France**
- Petroleum refiner and distillate distributor **Rosneft Deutschland**



Organisations also apply to become members of Eurobitume so that they can take advantage of our wide scope of technical and HSE information, benefit from our expert guidance and advice, enjoy multiple networking opportunities and be part of the bitumen industry's increasingly strong voice in Europe



Interview with one of our new members...

When Alma Petroli SpA joined Eurobitume in May 2018, it became a very active member from the outset. "We wanted to begin making our contribution to helping Eurobitume influence the future shape of the industry straight away. We were also very keen to benefit fully from the high levels of competence and experience among the network of members, and add to it too, where appropriate", stated Alma Petroli CEO Sergio Bovo.

Sergio explained how Eurobitume membership has already been of value to his company: "We actually started benefitting from being a part of Eurobitume even before we joined, when we were invited as guests to attend the Eurobitume Spring Meeting in Brussels! This really was very helpful, as it gave us a great insight into what Eurobitume does and how it works. It also gave us a welcome opportunity to talk with people from various member organisations and find out first-hand about their experiences as a member."

After joining, Alma Petroli became part of Eurobitume's Technical and HSE Committees. "This opened up a wide and enlightening window on the entire bitumen world and enabled us to gain multiple perspectives about what makes bitumen a product for the future", stated Sergio.

He added: "Very importantly, our committee membership also enhanced our awareness of issues and trends, ensured we were updated in real time about a wide spectrum of technical and HSE activities and studies, and has provided numerous valuable opportunities for us to add our experience."

In June Alma Petroli sent qualified delegations to the E&E Event in Berlin, and in October their R&D manager and Sergio attended Eurobitume's two-day Autumn Meeting in Paris. "The undoubted highlight for us was being able to take part in the very useful Sustainability seminar on the first day. The next day I was able to formally introduce Alma Petroli to the other members and explain what we do. Later I was presented with a membership plaque by Eurobitume's President Christophe Jacquet and Director General Siobhan McKelvey", said Sergio.

"In addition to all the other benefits, I would also like to add how rewarding it is being part of a stronger voice promoting bitumen," concluded Sergio.

Alma Petroli CEO **Sergio Bovo** holding his company's membership plaque, flanked by Eurobitume's **Christophe Jacquet** and **Siobhan McKelvey**



SUCCESSFUL INAUGURAL **E&E EVENT**

The existing success of the well-established E&E (Eurasphalt and Eurobitume) Congress and the excellent collaboration we have nurtured with EAPA set the perfect foundation for launching a new initiative, the E&E Event.

This new industry Event is the result of reviewing the feedback from E&E Congress participants, who requested an opportunity to meet and continue to discuss common challenges and solutions in between the years of the Congress.

What makes it unique is the focus on interactivity! Unlike the Congress, which offers a number of technical sessions where delegates can hear a selection of papers from the proceedings presented by their authors, the Event focusses more on discussion platforms. Selected invited experts shared their views and answered questions, after which participants associated with the bitumen and asphalt industries gave their own thoughts and discussed ideas with other stakeholders about how we can work together to prepare our industry to meet future challenges.



Themed *Preparing the asphalt industry for the future*, the first-ever E&E Event took place in June 2018, in Berlin, and attracted 430 participants from a wide cross-section of organisations related to the bitumen and asphalt industries. Feedback

was extremely positive, with participants emphasising how valuable they found the opportunities for interaction, whether that was discussing industry issues with other experts or general networking.

Delegates from across Europe, and even some from further afield, heard a diverse mix of speakers share their expert insights on six key themes:

- Tomorrow's world, tomorrow's roads, tomorrow's asphalt
- Financing solutions
- Sustainability
- Health & Safety best practice, and future trends
- New technologies
- Communication

Each delegate had access to a user-friendly, online audience interaction platform, which not only made it easy for delegates to have their own say, but also encouraged lively discussions, enabled real-time audience polling and Questions & Answer sessions with the experts.

The event was professionally anchored by our moderator Katrina Sichel and attracted a high level of interest and support from 10 sponsors, 20 exhibitors and nine media partners.



In his closing remarks to the delegates, Eurobitume President Christophe Jacquet said: "I believe that with your involvement we have produced a list of key session takeaways which go a long way towards getting ourselves prepared for the future."



Eurobitume President **Christophe Jacquet**

The high level of interaction between attendees contributed to a very positive atmosphere, which extended to a successful networking evening and dinner at the historic Wasserwerk building in Berlin.

A short summary report is available from the E&E Event website here - <http://www.eeevent2018.org/resource/eee2018/files/EE-Event-2018-Summary-Report.pdf>

The inaugural E&E Event provided a much-welcomed interim discussion platform for the industry between the quadrennial E&E Congresses. This success has paved the way for planning the next one, which is expected to take place in 2022 - four years after the first one. The date and location will be announced during the 7th E&E Congress in Madrid, in May, 2020.

NEW FACES

In 2018 we continued to push forward towards achieving our vision of becoming the first reference for bitumen in Europe. To help us get there, we welcomed new people into the Eurobitume team to work together in leadership positions within our Local Initiatives and as Senior Officers.



Anja Sørensen,
Eurobitume Deutschland



Jean-Michel Michou,
Eurobitume France



Mike Southern,
Senior Technical Advisor



Viviane Dupont,
Office Manager

Within our local initiative network, **Jean-Michel Michou** and **Anja Sørensen** continued to head up our local representations in France and Germany respectively.

During the year they were joined by new leaders of Eurobitume's presence in Benelux, Switzerland and the UK.

David Giles at Eurobitume UK

David came to the helm of Eurobitume UK at the beginning of 2018, when after 36 years in mainly commercial roles at Shell he took over from Chris Southwell – who now provides support as a technical advisor and represents Eurobitume UK on CEN committees.

David swiftly settled into this important role and has already represented Eurobitume UK in meetings with key influencers including the Transport Minister, Shadow Transport Minister and British Standards Institute representatives.

He has also attended a government select committee, met with many other MPs through the All Party Parliamentary Group on Highway Maintenance - which Eurobitume UK supports – and collaborated very closely with the MPA (Mineral Products Association) on two significant initiatives: the Annual Local Authority Road Maintenance survey (ALARM) and the bitumen drivers passport and safety statistics initiative.

TOGETHER, WE MAKE MORE IMPACT



David Giles,
Eurobitume UK



Max von Devivere,
Eurobitume Benelux



Hans-Peter Beyeler,
Eurobitume Switzerland



Siobhan McKelvey
Eurobitume Director General

Max von Devivere at Eurobitume Benelux

Next to come in was former EAPA Secretary General Max von Devivere, who on 1 August replaced Theo Terlouw at the helm of Eurobitume Benelux.

With Theo's guidance, Max quickly integrated into the role and was able to use his experience and contacts to continue Eurobitume's excellent work in the region. Particularly important is the ongoing Asphalt Impulse initiative in the Netherlands, which touches a lot of key stakeholders - including suppliers, contractors and local authorities in cities and principalities

Hans-Peter Beyeler at Eurobitume Switzerland

Hans-Peter has led Eurobitume Switzerland since 1 November, following the retirement of Heinz Rusch.

"Heinz introduced me very well to the new task and immediately I felt very happy as part of the friendly Eurobitume team. I am in regular contact with the five members of Eurobitume Switzerland and have started to organise the next Switzerland Bitumen Day, which will take place in 2020", commented Hans-Peter.

Hans-Peter is also looking to expand membership in Switzerland and has had positive meetings with various stakeholder organisations.

New Director General

At the beginning of September, Nynas Marketing Director and immediate past President Siobhan McKelvey became the new Director General of Eurobitume - taking over from Aimé Xhonneux, who led the organisation for six years and drove the successful restructuring, national integration and significant membership growth.

New President, Vice-President and Treasurer

At our Spring Meeting in Brussels, Eurobitume members elected three new Senior Officers: **Christophe Jacquet** from Total was elected Eurobitume President, **Markus Spiegl** from OMV was elected Vice-President and **Keith Stone** from Shell was elected Treasurer.

In these important leadership roles within Eurobitume, Christophe, Markus and Keith are providing valuable membership resource that ultimately contributes to our mission.

A full list of all the Board members can be found on page 15.



Christophe Jacquet
Eurobitume President



Markus Spiegl,
Eurobitume Vice-President



Keith Stone,
Eurobitume Treasurer

LEADING THINKING ON **BITUMEN IN EUROPE**

As part of our mission to promote the efficient, safe use of bitumen and create a positive environment for sustained bitumen demand, last year we continued to lead thinking about bitumen, its applications and the challenges facing our industry moving forward.

We also provided valuable information and clarity on technical, health, safety and environmental matters to help producers, contractors, specifiers, regulators, standards bodies, hauliers, testing organisations and other bitumen industry stakeholders.



... on Sustainability

We made this very important issue the focus of the seminar at our Autumn meeting in Paris, which was attended by more than 90 people from member companies and invited guest organisations and expertly facilitated by experienced moderator Alex Taylor.

To inform the debate, we invited Tae-Yoon Kim from the International Energy Agency, Francis Duseux from the French Union of Petroleum Industries (UFIP) and Damien Valdenaire from Concawe to set the scene. They emphasised the importance of sustainability for the industry moving forward and highlighted the challenges of introducing meaningful tools, setting targets and interpreting performance.

Eurobitume's Senior Technical Advisor Mike Southern and Nynas' Wim Teugels, the Chair of our Life Cycle Inventory (LCI) Task Force, then summarised how the bitumen industry has interpreted these challenges. They also explained what Eurobitume has been working on as a result, including a new LCI. Paul Sohi from the Asphalt Institute then explained the similarities and differences in the process selected to develop a Life Cycle Analysis (LCA) in the United States.

We also arranged an interesting interview and Q&A session about the regulatory environment, with insights about the needs of material suppliers and contractors provided by Carsten Karcher from EAPA and Christine Leroy from Routes de France.

The seminar concluded with a lively discussion on sustainability messages and communication challenges with a panel of the speakers.



.... on road condition research and asset management

Eurobitume actively participates in initiatives that monitor and assess road condition and asset management practices across Europe.

In Belgium, through our membership of the BRRC (Belgium Road Research Center) and the BRF (Belgium Road Federation), we are involved in reviewing the issues of road condition and lack of maintenance on the road system.

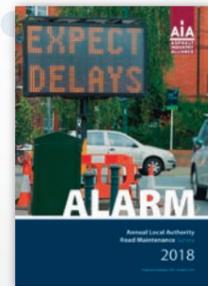
Eurobitume France is an important organization within the French National Road Observatory, through its membership of IDRRIM (the Institute of Roads, Streets and Infrastructure for Mobility).



This body was created to meet the challenges of maintaining and preserving French road assets and help each road manager decide how best to manage their road infrastructure assets. The ONR surveys local and regional road authorities, adds data from the state and then puts together a view of the condition of the road network, which is then used to inform road asset management practice.

In the Netherlands, Eurobitume Benelux is involved with the Asphalt Impuls project, which is looking at the potential effects of bitumen on the quality of the road surface.

In the United Kingdom, Eurobitume UK is the co-sponsor of the Asphalt Industry Alliance's Annual Local Authority Road Maintenance Survey (ALARM).



For the past 23 years, ALARM has provided a snapshot of the general condition of the local road network in England and Wales and has enabled the tracking of any improvement or deterioration in road condition across the local road network.

The widespread media coverage of these findings has been instrumental in helping secure much-needed additional funding for road maintenance and the adoption of a more efficient and cost-effective asset management approach to road maintenance.



.... on campaigning for additional road funding

Well-funded and strategically managed road maintenance programmes are crucial for the continued social and economic value that the road network provides. With more than 80% of the bitumen produced in Europe used in roads, such programmes are also pivotal to the success of the European bitumen industry.

At European and national levels, Eurobitume continues to play an important role in helping support calls for much-needed funding increases for road maintenance programmes in particular.

After the welcome increased funding for roads in Switzerland from 2017, we were delighted to see announcements for additional road funding in France, Germany and the United Kingdom last year.



.... on educational and networking events

As part of our mission to promote the efficient, safe use of bitumen, we organised events across Europe where members and stakeholders could hear about the latest technical and HSE developments, share best practice, discuss challenges facing the industry and network with other bitumen industry stakeholders.

In addition to our regular Eurobitume Spring and Autumn meetings for members, which last year took place in Brussels and Paris respectively, we staged two annual events open to all: Asphalt Dag 2018 at Amersfoort in the Netherlands, and the annual Sharing Best Practice event in the United Kingdom, near Birmingham.



Networking at the Asphalt and Bitumen Day in Brussels

We also organised three biennial educational and networking events that took place in 2018: the Asphalt and Bitumen Day in Brussels, Belgium; the Bavarian Breakfast at the German Asphalt Days in Berchtesgaden, Germany; and the Swiss Bitumen Day in Bern, Switzerland.

In addition to the events organised by Eurobitume centrally, we also provided expert input into other industry-related events at a national level. One example is the German Bitumen Forum – a highly respected, independent group of bitumen stakeholders that includes producers, users, authorities (technical and HSE), academics and unions. One of the many activities Eurobitume Deutschland contributed to last year was the update of exposure descriptions, which took into account updated workplace exposure measurements.

.... on Technical and HSE issues

Thanks to the invaluable input of our network of experts in member companies, Eurobitume leads the way on technical and HSE-related issues regarding bitumen.

In 2018 our predominantly member-manned Technical and HSE Committees, and their associated Task Forces and Working Groups, were involved in a wide range of projects and initiatives driven by the needs of our members.

While you can read in more detail about the work of these committees on pages 12 to 14, it is worth picking out below two outputs which demonstrate Eurobitume's leadership in these areas:

1. Technical Information Sheets

In 2018 we produced the first four in a series of Technical Information Sheets which contain important advice and practical information about various test methods for bitumen and bituminous binders.

2. Loading Compatibility Matrix

To help members manage the safe transportation of bitumen by road, rail and ship, our HSE Committee developed an enhanced Loading Compatibility Matrix.

ESTABLISHING A CLEAR POINT OF REFERENCE

Leading the way on performance, standards and testing

The Technical Committee and the Task Forces that report into it have been very active across a range of issues, helping strengthen Eurobitume's position as a strong point of reference for technical information relating to bitumen.

Experts from member companies came together to produce technical information and guidance of value to the broad membership family. This included creating new Technical Information Sheets, an enhanced Loading Compatibility Matrix and undertaking a detailed review and update of the Life Cycle Inventory.

Eurobitume continued to participate in the standardisation work of CEN/TC 336 regarding ongoing EN 12591 and EN 14023 revisions; and in the development of test methods – all of which is aimed at helping ensure the quality and performance of bitumen.

Technical Information Sheets

To improve the accuracy of testing and the reliability of test results, we drew upon the experience and expertise of our members to produce the first four in a series of Technical Information Sheets containing important advice and practical information about the main test methods for bitumen and bituminous binders.

Initially available as downloadable PDFs from our website in three languages, English, French and German, additional language versions of these sheets and new Technical Information Sheets covering other test methods, will be produced and made available from our website in due course.

Work on an updated bitumen Life-Cycle Inventory

The bitumen Life Cycle Inventory (LCI) is a cradle to refinery gate study that covers multiple areas such as the extraction of crude oil, transport to Europe, including pipeline and ship transport, manufacturing bitumen in a complex refinery, and hot storage of the product.

In 2018 we completed a detailed review and further update of our popular LCI report, last produced in 2012, and sent it for independent review. The comment resolution process was ongoing at the time of writing and the new version is expected to be available in Q3 2019.

One of the new Technical Information Sheets, 'Multiple Stress Creep and Recovery Test'

PROTECTING PEOPLE AND THE ENVIRONMENT

In 2018 the HSE Committee continued its important work on behalf of Eurobitume members, researching key issues and publishing additional new and updated health, safety and environmental guidance in assorted European languages.

New Loading Compatibility Matrix

Member company HSE experts created an enhanced Loading Compatibility Matrix to aid the safe transportation of bitumen throughout Europe by road, rail and ship.

The new matrix contains useful information regarding which products can be loaded after each other and describes when special actions are required. It also includes details about the Classification, Labelling and Packaging regulation, clarified bitumen grade information, expanded footnotes and an easier to use table with a 'traffic light' system. The new matrix is available in six languages and can be downloaded from the Eurobitume website.

Safe delivery

Task Force Safe Delivery updated our Safe Delivery Guides, which now clearly set out the responsibilities of the site, haulier and the driver, and establish the safe procedures for the various stages of the delivery

The new Guides were initially produced for France and the United Kingdom. Further local adaptations and translations of the European standard version into other languages will be available from the Eurobitume website in 2019.

Recognising the fundamental importance of the safe delivery of bitumen, at the Autumn Meeting the Task Force Safe Delivery was made into a permanent standing group, the Safe Delivery Sub-Committee, which reports to the HSE Committee.

Avoiding and managing bitumen burns

The HSE Committee also identified the need to spread the knowledge related to safe use of bitumen further and work to increase external communication.

The committee was instrumental in the development of an informative feature article published on the Eurobitume website, *Avoiding and managing bitumen burns*.

Other activities and ongoing work

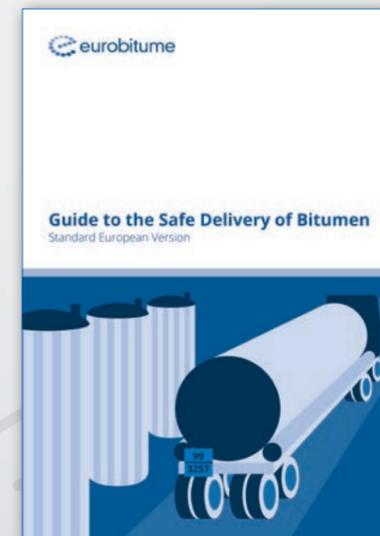
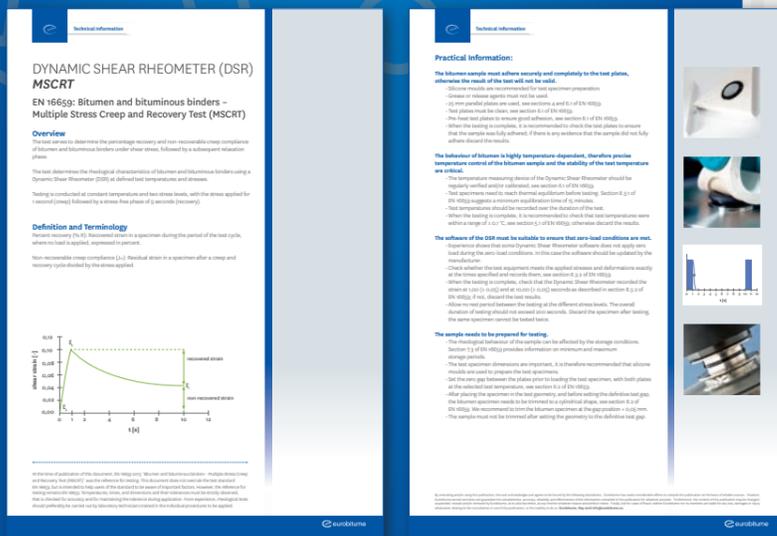
The taskforce Hydrogen Sulphide is continuing their activities in developing advice on communication about the hazards of hydrogen sulphide, H₂S, through the supply chain. It is also reviewing existing Eurobitume documentation on H₂S.

Eurobitume and EAPA (European Asphalt Paving Association), together with the Asphalt Institute and NAPA (National Asphalt Pavement Association in the United States), sponsored a study to gather available scientific data related to lung function among asphalt workers. At the time of writing, this work was ongoing and being driven by a joint task force.

In July 2018, the MAK Commission in Germany published their evaluation on fumes and aerosols from hot bitumen. Eurobitume experts provided comments to the MAK Commission draft report and will continue to monitor the topic.

Towards the end of the year, we produced some additional language versions of our Safe Handling documents.

The new Loading Compatibility Matrix



| COMPATIBILITY MATRIX FOR LOADING OF BITUMEN FOR ROAD, RAIL & SHIPPING TRANSPORT; UN 3257 (CLASS 9, III) | | | | | | | | | |
|---|---|------------------|---|------------------------------|-------------------------|--|------------------|-------------------------------|--------------------|
| THE TANK MUST BE FREE OF WATER BEFORE LOADING WITH HOT BITUMEN! | | | | | | | | | |
| To be loaded | Previous load | | | | | | | | |
| | Paving Grade Bitumen | | | Polymer Modified Bitumen (I) | Rubber Modified Bitumen | Paving Grade Bitumen for Special Applications (II) | Oxidised Bitumen | Hard Industrial Grade Bitumen | Other Products A-H |
| | 10/20 | 20/30 to 160/220 | Soft Grades, Penetration > 250 and V-Grades | | | | | | |
| Paving Grade Bitumen | 10/20 | 20/30 to 160/220 | Soft Grades, Penetration > 250 and V-Grades | Polymer Modified Bitumen (I) | Rubber Modified Bitumen | Paving Grade Bitumen for Special Applications (II) | Oxidised Bitumen | Hard Industrial Grade Bitumen | Other Products A-H |
| Polymer Modified Bitumen (I) | Green | Green | Green | Green | Green | Green | Green | Green | Red |
| Rubber Modified Bitumen | Green | Green | Green | Green | Green | Green | Green | Green | Red |
| Paving Grade Bitumen for Special Applications (II) | Green | Green | Green | Green | Green | Green | Green | Green | Red |
| Oxidised Bitumen | Green | Green | Green | Green | Green | Green | Green | Green | Red |
| Hard Industrial Grade Bitumen | Green | Green | Green | Green | Green | Green | Green | Green | Red |
| Other Products A-H | Taking into account that remaining quantities of bitumen and the inside of the tank may be hot! | | | | | | | | |

SPEAKING WITH **ONE VOICE**

COMMUNICATING OUR POSITIONS AND MESSAGES

The role of the Public Relations and Communications Committee (PRC) role is to ensure everyone involved with the bitumen industry has the information they need to make well-informed decisions regarding bitumen and its applications. We use a mix of communication channels to distribute relevant messages to members, other bitumen industry stakeholders, key influencers and opinion formers.

In 2018, the PRC worked closely with the HSE and Technical committees, the local initiatives and the central Eurobitume organisation to develop content that effectively communicated Eurobitume positions, messages, advice and guidance on key technical, HSE and regulatory issues.

Asphalt Advantages

As part of Eurobitume's mission to promote a positive environment for sustained bitumen demand, we continued our support of Asphalt Advantages which educates relevant stakeholders about the Sustainability, Safety, Comfort and Economic advantages of asphalt.



We also supported Asphalt Advantages' digital mini-campaign on Sustainability, in connection with the COP 24 climate conference.

A new Eurobitume newsletter

In response to reader feedback, in 2018 we took the decision to change the format, frequency and length of the newsletter we send out to members and external contacts, and also create different language versions. The preparation of the new format began during the later part of 2018 and on 1 February 2019 our new concise, easy-to-read monthly newsletter, which is available in English, French and German, was launched.



To receive this newsletter, simply enter your details on the registration page of our website.

Website to get a Spanish-language version

Recognising the increasing Eurobitume participation of the Spanish bitumen industry, the PRC decided during the last months of 2018 to initiate work on the creation of a Spanish-language version of the Eurobitume website. The implementation is expected during the second half of 2019.

Topical website feature articles

Speaking with a strong, credible and consistent voice on behalf of our members is a key part of what Eurobitume does.

During the year we generated a number of topical feature articles on our website. One of these, 'Cities of the future' looked ahead at the mobility landscape that will affect the bitumen industry.

We also worked together with the HSE committee to develop a feature titled 'Avoiding and managing bitumen burns', which focusses upon a very important bitumen safety issue. It contains practical safety information and expert guidance to help minimise the occurrence and impact of burns

- the number one hazard when working with hot bitumen.

Social Media

Throughout 2018, Eurobitume continued to extend its use of Social Media. Last year our increased presence on Twitter and LinkedIn, where we communicated with our followers on a wide range of issues, initiatives, events and people news proved popular.

We saw improvements across a wide range of metrics for key audience reach and interaction. For 2019 we aim to work on encouraging more interaction with our social media content.



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EUROBITUME LEADERSHIP EUROBITUME COMMITTEES AND BOARD OF DIRECTORS

Official Member Representatives

(Also on Board of Directors)

- Gacem Benazzouz – Petroineos
- Sergio Bovo – Alma Petroli
- Guadalupe Calienes – GCN
- Frédérique Cointe – ExxonMobil
- Arian de Bondt – Ooms
- Michael Frenzl – Kraton
- Abraham Garcia – Cepsa
- Robert Gregan – LCY
- Paulo Guerreiro – Galp
- Christophe Jacquet – Total (President)
- Stéphane Joffre – GCA
- Paul Landa – Asphalt Kennis Centrum
- Neal Lewis – Puma
- Francisco Lucas – Repsol
- Stéphane Martin – G. Magyar
- Siobhan McKelvey – Nynas (until August 2018)
- Carsten Meyer – Hoyer
- Hervé Perrin – EB-Trans
- José Luis Prieto – Asema (until December 2018)
- Carl Robertus – Nynas (from September 2018)
- Franz Saif – BTC Europe (until December 2018)
- Mario Sandor – BASF (from January 2019)
- Cornell Schmeisser – Rosneft
- Jan Soers – Geos
- Markus Spiegl – OMV (Vice-President)
- Keith Stone – Shell (Treasurer)
- Montserrat Vallverdu – Asema (from January 2019)
- Wim Van den Bergh – Antwerp University
- Massimo Varani – Eni
- Gunter Verhestraeten – Inspectorate Antwerp

HSE Committee

- Sandra Blazquez Borra – Repsol
- Sergio Bovo – Alma Petroli
- Kyra Debeaune – Inspectorate Antwerp (Group Veritas)
- Lize Deferme – ExxonMobil
- Elisabetta Di Caprio – Eni
- Macarena Ferrero – Cepsa
- Jim Freeman – Asphalt Institute HSE Chair
- Olivier Gamet – Total
- David Giles – Eurobitume UK
- Sheena Henderson – Shell
- Erica Jellema – Kraton
- Hans Ketelslegers – Concawe
- Karin Henning – Nynas (Chair)
- Stéphane Martin – G. Magyar
- Carsten Meyer – Hoyer
- Siobhan McKelvey – Eurobitume (from September 2018)
- Jean-Michel Michou – Eurobitume France
- Victoria Ochoa – Cepsa
- Hervé Perrin – EB Trans

Giulia Pizzella – Eni

- 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
- Markus Spiegl – OMV
- Steve Stuthridge – Shell
- Mathieu Vaissière – Total
- Benoit Vandermeeren – ATPC
- Aimé Xhonneux – Eurobitume (until August 2018)

Membership Committee

- Frédérique Cointe – ExxonMobil
- Abraham Garcia – Cepsa
- Christophe Jacquet – Total
- Francisco Lucas – Repsol
- Siobhan McKelvey – Nynas (until August 2018) / Eurobitume (from September 2018)
- Carl Robertus – Nynas (from September 2018)
- Markus Spiegl – OMV (Chair)
- Keith Stone – Shell
- Benoit Vandermeeren – ATPC
- Aimé Xhonneux – Eurobitume (until August 2018)

Technical Committee

- Chiara Agostini – Alma Petroli
- Francisco Barcelo – Repsol
- Frank Beer – Shell
- David Bell – Kraton
- Gacem Benazzouz – Petroineos
- Hans Peter Beyeler – Eurobitume Switzerland (from October 2018)
- Patricia Bourrat – Petroineos
- Sergio Bovo – Alma Petroli
- Guadalupe Calienes – GCN
- Frédérique Cointe – ExxonMobil (Chair until September 2018)
- Arian de Bondt – Ooms Producten
- Andy De Ridder – Inspectorate Antwerp (Group Veritas)
- Giampaolo Fenati – Alma Petroli
- David Giles – Eurobitume UK
- Kim Vladimir – Rosneft
- Ian Lancaster – Nynas
- Paul Landa – Asphalt Kennis Centrum
- Andreas Loibl – OMV
- Susana Maricato – Petrogal
- Stéphane Martin – G. Magyar
- Siobhan McKelvey – Eurobitume (from September 2018)

Carsten Meyer – Hoyer

- Laurent Michon – ExxonMobil (Chair from September 2018)
- Jean-Michel Michou – Eurobitume France
- Olivier Moglia – Total
- Cristina Pereira – Asema
- Vicente Perez – Cepsa
- Alfredo Punzo – API
- Heinz Rusch – Eurobitume Switzerland (until October 2018)
- Franz Saif – BTC Europe
- Sean Salt – Puma Energy
- Antonio Sciascia – Alma Petroli
- Anja Sörensen – Eurobitume Deutschland
- Jan Soers – Geos
- Mike Southern – Eurobitume
- Theo Terlouw – Eurobitume Benelux (until August 2018)
- Maria Rita Valentinetti – Eni
- Benoit Vandermeeren – ATPC
- Wim Van den Bergh – Antwerp University
- Max von Devivere – Eurobitume Benelux (from August 2018)
- Aimé Xhonneux – Eurobitume (until August 2018)

PRC Committee

- Johanna Andréasson – Nynas (Chair from December 2018)
- David Giles – Eurobitume UK
- Paul Fitzroy – Puma (from December 2018)
- Vladimir Kim – Rosneft
- Emma Mallinson – Shell (Chair until December 2018)
- Stéphane Martin – G. Magyar
- Siobhan McKelvey – Eurobitume (from September 2018)
- Fabrizio Menghini – Total
- Jean-Michel Michou – Eurobitume France
- Anja Sörensen – Eurobitume Deutschland
- Benoit Vandermeeren – ATPC
- Aimé Xhonneux – Eurobitume (until August 2018)
- Melanie Zeeuw van der Laan – Shell (from December 2018)

Eurobitume & Asphalt Institute Leadership

- Bob Cheever – Asphalt Institute Vice Chair (from December 2018)
- Frédérique Cointe – Eurobitume Member at Large
- Kat Crownover – Asphalt Institute Chair (from December 2018)
- Pete Grass – Asphalt Institute President
- Christophe Jacquet – Eurobitume President
- Siobhan McKelvey – Eurobitume Director General
- Chip Ray – Asphalt Institute Chair (until December 2018)
- Ralph Shirts – Asphalt Institute Global Relations
- Markus Spiegl – Eurobitume Vice President
- Aimé Xhonneux – Eurobitume (until August 2018)