<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
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<tbody>
<tr>
<td>10.00 - 11.00</td>
<td>Registration and Coffee &amp; Exhibition</td>
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<tr>
<td>11.00 - 12.30</td>
<td><strong>Session ONE</strong>&lt;br&gt;Tomorrow's World, Tomorrow's Roads, Tomorrow's Asphalt!</td>
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<td>How Will Technology Such as Digitalisation, Connectivity and Autonomous Driving Impact Our Roads in the Future&lt;br&gt;Guillaume Bastien&lt;br&gt;Commercial &amp; Business Development Manager&lt;br&gt;Colas Europe</td>
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<td>5th Generation Road Programmes&lt;br&gt;Nicolas Hautiere&lt;br&gt;Deputy Director&lt;br&gt;IFFSTAR (The French Institute of Science and Technology for Transport, Development and Networks), France</td>
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<td>Transport Focus Road Users Survey and Strategic Road Investment Plan 2020-25&lt;br&gt;Arash Khojinian&lt;br&gt;Pavement Materials Team Leader HE&lt;br&gt;Highways England, UK</td>
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<td>STAR: Strategic Asphalt Research Symposium 2017 Output&lt;br&gt;Ralph Shirts&lt;br&gt;Chairman AIF&lt;br&gt;Asphalt Institute Foundation, USA</td>
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<tr>
<td>12.30 - 13.45</td>
<td>Lunch &amp; Exhibition</td>
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<td>13.45 - 15.15</td>
<td><strong>Session TWO</strong>&lt;br&gt;Financing Solutions for Roads</td>
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<td>Financing Infrastructure and Roads With Private Money&lt;br&gt;Thomas Bayerl&lt;br&gt;Head of Team Infrastructure Dept Capital&lt;br&gt;MEAG MUNICH ERGO Asset Management GmbH, Germany</td>
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<td>15.15 - 15.45</td>
<td>Coffee Break &amp; Exhibition</td>
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<td>15.45 - 17.15</td>
<td><strong>Session THREE</strong>&lt;br&gt;Sustainability – Reducing CO₂ Emissions</td>
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<td>Reducing CO₂ Together in the Transport Sector - A Horizontal Approach&lt;br&gt;Tim Breemersch&lt;br&gt;Senior Researcher&lt;br&gt;Transport &amp; Mobility Leuven, Belgium</td>
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<td>Low Rolling Resistance Asphalt Pavements to Reduce CO₂&lt;br&gt;Bjarne Schmidt&lt;br&gt;Senior Consultant&lt;br&gt;Teknologisk Institut, Denmark</td>
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<td>Sustainable Asphalt Pavements for the Future&lt;br&gt;Mats Wendel&lt;br&gt;Innovation Strategist&lt;br&gt;Peab Asfalt AB, Sweden</td>
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<td>17.15 - 18.00</td>
<td>Exhibition</td>
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<td>18.30</td>
<td>Meeting point for bus transport and guided city tour to Wasserwerk</td>
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<td>20.00 - 23.00</td>
<td>Networking Dinner</td>
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<td>22.15 to 23:00</td>
<td>Transfer back to Andel’s Hotel</td>
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The sessions will include short presentations and educational information sharing from selected experts and stakeholder representatives. The aim is to offer a platform for interactivity and stimulate discussion between all those that are participating.

You will have the opportunity to be involved in audience Q&As, selecting questions to be addressed by a panel of experts, contribute to workshop style roundtable debates and direct access to the moderator through an online audience interactivity tool sli.do.
### Theme: Tomorrow’s World... Tomorrow’s Roads... Tomorrow’s Asphalt!

The aim is to set the scene for the event and encourage the perspective of the long-term future in mind while focusing on the likely changes that will impact our industry. What will be the most important next steps that are needed to be taken by our industry now to secure a successful future.

**Content:**

Selected guest speakers will describe their views of future scenarios of the road infrastructure. Including options for better mobility and connectivity they will deliver their considered views with specific reference to how the future could impact on the Asphalt industry both as an opportunity and a challenge.

**Issues that will be discussed include:**

1. Global futuristic view of tomorrow’s World and infrastructure
2. Tomorrow’s Cars for tomorrow’s Roads
3. Understanding future needs from the road user perspective
4. Tomorrow’s Asphalt and industry sharing output from strategic research symposium

**Key Takeaways:**

Participate in an informed discussion to form an understanding of how roads in the future may look like and the role they will play. Identify what new technologies are most likely to have an impact – importantly identify key areas that the asphalt industry needs to continue to develop further or currently missing some key dialogue with stakeholders to ensure they are prepared for the future.

### Theme: Financing Solutions for Roads

The aim is to bring together a group of stakeholders to share different options with the participants and provide their views from different angles on what is working now as solutions for financing road infrastructure and on the barriers to overcome. The goal is to inspire industry to engage and communicate more about these options and explore ways to form dialogues with target audiences to support both the need & solutions for better road funding.

**Content:**

**Issues that will be discussed include:**

1. Insurance/pension fund company – what are their drivers and their contribution to a good road infrastructure
2. New ideas to finance road infrastructure
3. How to finance road infrastructure of the future - View from local Government

**Key Takeaways:**

Different options for the financing of road infrastructure are available, some of them do really work. Asphalt stakeholders will be informed about realistic ideas, arguments and examples to better understand these options and therefore more motivated to actively influence for funding of road construction and maintenance.
**THEME: Sustainability – Reducing CO₂ emissions**

The aim is to demonstrate and explain why the asphalt industry is already very aware and prepared of the challenges related to sustainability and especially reducing CO₂, taking accountability and being a green-minded industry (recycling and use of waste from other industries).

The current challenge for many industries including asphalt is to manage the increasing targets and expectations to reduce CO₂ emissions during production, paving and use phases of asphalt pavements. Challenges such as:

- **Use phase:** reducing CO₂, totally, low rolling resistance pavements, benefits for the society with providing low RR pavements, Long-life pavements
- **Low or zero emissions paving**

There is an opportunity to position the asphalt industry as a positive contributor to a sustainable future and show that it is fit for the future and prepared for demands to reduce CO₂ and provide solutions for the criteria of circular economy (recyclability, end of waste).

**CONTENT:**
**Issues that will be discussed include:**

1. Reducing CO₂ in transport sector and an overview of the issues and what kind of horizontal solutions are available to solve these issues, including those related to the infrastructure
2. Contribution of Asphalt Pavements to reduce CO₂ from vehicles – the importance of Rolling Resistance during the use phase of a pavement.
   Technical background, pavement material, socio-economic benefits, implementation, partly provided from a National Road Authority’s (NRA) perspective.
3. Sustainable use of additives and other products in asphalt mixtures to enhance quality, durability and recycling as well as to reduce emissions to become an even greener product.

**KEY TAKEAWAY:**
Decarbonisation will play a very important role in the future for our sector as will the expected change of mobility and both will have an impact on the future activities of the asphalt sector. Recognition of the key factors that will impact the sustainable ‘footprint’ of Asphalt is a priority.

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**THEME: Health & Safety best practices and future requirements our Industry**

Important that we continue to promote best practices across stakeholders to further improve the performance of the asphalt industry.

There is also a need to monitor future trends in health & safety regulations to identify new areas and challenges for the industry to work on together and be better prepared.

**CONTENT:**
**Issues that will be discussed include:**

**Best practices – focus on existing industry initiatives in Germany, France and UK**

1. Use of Medical assessments for occupational health and safety monitoring
2. Use of Personal Protection Equipment (PPE) for safe handling and delivery
3. Use of training to improve safe handling and delivery

**Future trends and health considerations**

1. European insight into future ambitions for H&S standards
2. Worker health related to emission limits
3. What can the industry do in the future to limit exposures

**KEY TAKEAWAY:**
Insight into the health and safety best practices of the Asphalt industry and stakeholders in Europe. Recognise the key challenges but also the opportunities for the future. Highlight possible activities that the asphalt Industry and stakeholders can start to prepare (together) to be able to meet the challenges of the future in a timeline that is relevant.
THEME: Technology

Technology will play an essential role in the asphalt industry to meet the increasing demands in the future. In this session the focus will be on existing new technologies used on road building equipment, technical performance demands, future requirements, products, specification and innovation! The future requirements for roads will include durability, sustainability and CO₂ neutral. They will also have to meet the future requirements of automated and guided vehicles.

The session will identify some of the obstacles for implementing technology and debate how we could tackle these problems.

CONTENT:

Issues that will be discussed include:

1. **What technology can offer**
   A broad view of why the road construction sector needs to invest in new technology and why the asphalt industry needs to innovate. Also include an overview of specific new technologies that are available to be used tomorrow.

2. **What road authorities need in the future**
   Including the future demands, requirements for technical performance and how specification can stimulate innovation.

3. **What asphalt sector can provide**
   An asphalt industry view. What the asphalt industry could do to meet the future challenges and what kind of contracts will be needed to implement innovation and to stimulate the use new technologies, new products, etc.

KEY TAKEAWAY:

Better informed on the new developments that will have an impact in the future. Also on the many viable solutions and technologies that are already available. Confidence to encourage the use of these existing technologies and support the profile of the asphalt industry as an innovative sector.

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THEME: Communication & Education

The aim of this session is to embrace the need for stronger communication and education activities to be involved in tomorrow’s World more effectively. This includes both promoting the use of asphalt but also to increase the attractiveness of the industry by new professionals.

There is a general concern across Europe that as an industry we are failing to attract the best candidates available. This will be the main question that will be addressed during this session.

CONTENT:

Question: Why is it difficult to attract new recruits and how can we improve this?

Issues that will be discussed include:

1. **Improving the image of our industry to the general public**
2. **Improving the interest in our industry from potential new recruits**
3. **Improving the effectiveness of our industry communication activities**

KEY TAKEAWAY:

Better understanding of why effective communication is important for the industry. Shared exercise and opportunity to discuss in a roundtable environment to hear input from other stakeholders reflecting on the same question.

Develop a more common alignment on ideas for improving the communication of industry’s topics both target audiences and methods. Highlight ways the industry could act on the output to improve the image and secure a future.
Conclusions, poll results, priority rating and high-level takeaways from all the sessions will be summarised in the closing session. An outline of these will be visually shown as news headlines. The full newsletter will be published shortly after the event.

This will provide a common reference and reminder follow up on the next steps to be taken!