


# 7<sup>TH</sup> E&E CONGRESS 2021



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## ONLY 4 WEEKS TO GO

From 15 to 17 June 2021 the 7th edition of the E&E Congress will be held. The organisers EAPA and Eurobitume kindly invite you to participate and to give your contribution to a successful virtual congress.

Again, it will provide outstanding content and possibilities:

- Hear the latest news about the Asphalt industry from top international speakers.
- Meet fellow professionals and colleagues from all around the world.
- Gain new inspiration and insights about Bitumen and Asphalt and the congress theme Asphalt 4.0.
- Access great e-posters about the congress strategic themes.
- Network with the industry's leading companies in the virtual exhibition hall.

Enjoy live sessions, safe networking, high-level and breakthrough research & technology. Plus, you will have access to all sessions on-demand during and after the event! All the content will be available for 3 months (until 15 September 2021). Get all the necessary information on the E&E Congress Website

## REGISTRATION

The registration is still open and includes:

- Access to the virtual congress platform to participate in all sessions,
- Access to the virtual exhibition as well as the poster

area.

- Access to the congress proceedings
- Virtual congress bag
- Certificate of attendance
- Access to all the content on-demand for 3 months after the Congress

The programme will be presented in two parallel virtual auditoriums, accompanied by posters and trade exhibitions, also in allocated virtual rooms. The Opening and Closing Sessions, as well as the Sessions on Communication and Future Leaders will be presented live. In the Technical Sessions there will be sufficient time for questions and answers to the Speakers and all along the Congress, you will be able to chat or video chat with authors and other participants anytime. This will bring many opportunities for interaction, bringing the Congress close to a face-to-face event. Before and after the programme there is still room for a personal exchange, to visit the exhibition and to attend commercial events of the sponsors.

The technical programme has been prepared by the E&E Technical Programme Committee (TPC) since 2018. Among other things, the TPC ensured that all the received papers were subjected to a strict double peer review. As a result, in this edition of the Congress, more than 280 high-quality papers will be presented in either oral or poster sessions.

The final programme, which is available on the Congress website, sorts the above-mentioned publications into the following technical sessions, each of them with 6 oral presentations:

- Future roads & mobility
- Binder Performance and Testing (Part 1 and 2)

- Asphalt Mixture Performance and Testing (Part 1 and 2)
- Bituminous Emulsions
- Health & Safety
- Sustainability & Environment
- Asphalt Production, Paving and Compaction Techniques
- Warm Mix Asphalt / Low Temperature Asphalt
- Case Studies & Non-Highway Applications; Success and Failure from Real
- Maintenance and Rehabilitation

Check the interactive Programme on the website for more information on speakers, topics and to get the abstracts!

The e-posters of the congress will be available over the 3 days of the Congress in the virtual posters room. Moreover, on the second day of the Congress, a specific poster session will be organised, in which the Authors of the posters will be especially available to respond any question related to their work.

### OPENING SESSION AND CONGRESS THEME "ASPHALT 4.0 FOR FUTURE MOBILITY"

The Opening Session will be an interactive session that will inform participants about the overall theme of the congress "Asphalt 4.0 for future mobility". Facilitated by a professional moderator, experts will discuss the various aspects of "Asphalt and Industry 4.0": General overviews regarding digital transformation, digital transformation for the asphalt industry, its implementation, and the view of road authorities.

After a welcome of the Mayor of Madrid and the Euro-bitume President, four keynote speakers will give short presentations and will participate in a panel discussion.

- Enrique Benayas (Director General ICEMD - El Instituto de Economía Digital de ESIC Business & Marketing School, Spain)
- Juan José Potti (President ASEFMA and President EAPA, Spain)
- Claude Le Noan (Manager Industrial Projects, Eiffage Group, France)
- Steve Phillips (Director General, Committee of European Road Directors - CEDR, Belgium)

The objective is to ensure that the audience understands how the future of roads paving and roads could look like for the digital age. Congress participants will have the possibility to raise live questions to the panel.

### FUTURE LEADERS SESSION

Asphalt and bitumen industry are nowadays undertaking a series of initiatives to boost the engagement and impact of the young professionals, which one day will become the next generation of Managers.

Hence, by the first time in history, the organisation of the Congress decided to grant complimentary Delegate Passes for Future Leaders, which were selected according to a series of requirements, such as not having participated in an E&E Congress or Event before, having less than ten years of work experience in the industry, not being currently in a management role, demonstrating potential to progress into a future management role and submitting an application endorsed by their senior manager.

In addition, the E&E Congress will have this year a specific session dedicated to these Future Leaders. This session, allocated at the end of the third day, will offer a discussion platform to exchange views and hear insights on shaping the future of the sector, from the point of view of potential future managers.

All the participants in the E&E Congress 2021 are invited to join the workshop and discuss the future leaders' insights on topics, such as:

- Perceptions on their initial experience within the industry
- Expectations from their career, ambitions, and personal rewards
- What they value in a working environment
- How they relate the industry and their role to the congress theme (Asphalt 4.0 for future mobility)

### THEME OF THE CONGRESS – ASPHALT 4.0 FOR FUTURE MOBILITY

Over the last years, the asphalt industry got its own digital revolution, hand in hand with the latest developments in robotics, machinetomachine communication, sensors and IoT (Internet of Things), big data, artificial intelligence, and

many others. These new technologies have a huge impact on the asphalt industry itself. They are a contribution to and improving almost every aspect of asphalt production, asphalt paving and asphalt maintenance. This was recognised in the theme of the congress: Asphalt 4.0.

The digitalisation in the asphalt sector has already and will continue to improve areas such as production efficiency and the asphalt paving process including its quality control. Next to that, it will also contribute to delivering a highquality customer experience during every stage of the road's service life, in a smart, connected, and synergetic way.

The continued integration of digitalization into industry practices, the need to create better connectivity and data exchange platforms, and the general ambition overall to offer sustainable solutions will play key roles!

Digital transformation of road paving refers to a series of smart and autonomous systems driven by big data, machine learning, artificial intelligence, etc. with the capacity to significantly push forward the efficiency, productivity, quality, reliability, and sustainability of asphalt roads. This involves the use of digital tools to automate, monitor, and improve the way, in which the industry develops conventional activities, such as management, manufacturing of bituminous mixtures, supply, or laying. This theme of the congress will be the red thread for the interactive sessions of the congress and will be discussed in many technical sessions.

## VIRTUAL EXHIBITION AND SPONSORS

More than 40 exhibitors will present their products and services in the virtual exhibition halls. A virtual visit to the exhibition booths is possible, including chat, video chat, taking over documents from the exhibitor, viewing videos or handing over your own digital business card.

The Organising Committee and the Congress Secretariat would like to thank all sponsors and exhibitors for their great support and especially want to acknowledge the importance of their continued commitment, which has enabled us to successfully reschedule the Congress as a virtual edition for 2021.

There are still possibilities to participate in the exhibition with your company's booth. Simply check the Sponsorship and Exhibition Manual on the E&E Congress Website.

EAPA will also have a booth at the virtual exhibition of the congress. There, we will inform you about our latest videos in the EAPA YouTube channel, the latest publications, our everyday work and how to become a member. So, it is definitely worth a visit!