

# INVITATION AND CALL FOR PAPERS



## 6<sup>th</sup> Eurasphalt & Eurobitume Congress

1–3 June 2016 – Prague Congress Centre  
Organised by EAPA & Eurobitume

**DESTINATION**  
EURASPHALT & EUROBITUME



**PRAGUE**  
6<sup>th</sup> E&E CONGRESS

## INVITATION

The 6<sup>th</sup> Eurasphalt & Eurobitume Congress will be held on 1–3 June 2016 in the Prague Congress Centre (Czech Republic)

Organised by the European Asphalt Pavement Association (EAPA) and Eurobitume

“Investing in our greatest asset”

The road network is our greatest asset and the most important part of all public infrastructures.

With its role as the backbone of all our transportation needs, making this asset more efficient is critical for the success of both our society and our economy, whether industrial or service based.

We invite you to show your support for this statement through your involvement in the theme chosen for the next E&E congress in 2016. Our aim is to highlight the importance of maintaining an efficient European road network and also the importance that research and development play in ensuring that this is realised.

There are lots of examples of how society has invested in maintaining their valued assets and let's take the congress location, Prague, and its famous medieval Astronomical Clock as an example. A national treasure dating back to 1410. Over 600 years old and still working today with the help of society's investment in planned maintenance and use of special expertise.

Our roads may not have the same life span expectancy, but we know that solutions and expertise are available to extend the life of a road and meet the needs of society through investing in planned product selection and good maintenance options that include criteria for long life pavements!

Together, the bitumen and asphalt industries and the research community have been investing time and resources to develop product and technology solutions for the road network. We have access to immense knowledge and expertise, which in itself is an important asset to the road industry overall.

The three main objectives of the E&E Congress 2016 are to:

- provide a platform for our industry and stakeholders to demonstrate and learn from the innovation and investments that have been made in developing our products, technologies and decision-making processes over recent years
- offer a unique opportunity for all stakeholders to engage, exchange ideas and network in a way that will encourage positive action in the future
- stimulate discussions and debates that will help to steer a common approach to challenges

To achieve all of these objectives a comprehensive programme has been created which identifies the key issues associated with asphalt pavement solutions to provide the confidence that all types of decision-makers need when investing in our existing and future road networks.

To be able to invest wisely requires the understanding and commitment from us all!

**Look forward to seeing you in Prague.**



**Carl Robertus**  
President of Eurobitume



**Ayberk Özcan**  
President of EAPA

## CALL FOR PAPERS

Contributions are invited from all people working with roads and infrastructure, e.g. road, rail and airport administrations, transport economists, social scientists, infrastructure engineers, highway concessionaires, contractors, research institutes, consulting engineers and financial specialists, equipment manufacturers. Our target audience is road users, road authorities, research institutes, consultancies, politicians, road financing authorities, bituminous binder producers, asphalt producers and contractors.

Keynote speakers will be invited to provide their view for each of our strategic themes. The overarching theme is “Investing in our greatest asset”

## THEMES

- **HEALTH & SAFETY**
- **STANDARDISATION, REGULATIONS**
- **SUSTAINABILITY & ENERGY EFFICIENCY**
- **COST EFFICIENCY & FINANCING**
- **MAINTENANCE, HANDLING & APPLICATION TECHNIQUES**
- **SMART & INTELLIGENT INFRASTRUCTURE**
- **ASSET MANAGEMENT**

### HEALTH & SAFETY

Ensuring the health & safety of the workforce and the public is a critical aspect of all activities that we undertake. Our industry has been working over many years to improve working conditions and manage the risks associated with the handling and application of our products. Papers are invited on topics covering the following areas and other related subjects;

- Work zone safety
- Exposure monitoring & reduction
- Noise reduction
- Air quality
- Water quality
- Skid-resistance
- Visibility

### STANDARDISATION, REGULATIONS

Many of the products and processes used in our work are subject to national and international standards or regulations. Papers are invited on topics covering the following areas and other related subjects;

- Performance based contracts (Experience with these contracts)
- Performance based standards/regulations
- Construction Products Regulation
- Test methods
- Predictive performance models

### SUSTAINABILITY & ENERGY EFFICIENCY

Energy efficiency and carbon footprint continue to gain importance globally. Protocols for the quantification and declaration of the environmental impact of asphalt and other road materials are essential for the future success of the industry. Practical ways of reducing the energy and carbon impact of asphalt in roads and the performance of the new low energy/carbon asphalts are the key to a sustainable transport infrastructure.

Papers are invited on topics covering the following areas and other related subjects;

- Life Cycle Inventory
- Carbon footprinting
- Rolling resistance
- Efficient production techniques
- Recycling
- Energy efficient pavements
- Warm, half warm and cold mixtures

### **COST EFFICIENCY & FINANCING**

Financing road infrastructure and maintenance continues to be one of the major challenges we face at present. Funding must be found to carry out necessary and indispensable maintenance on the road network and to maintain the required properties at the right level for the comfort and the safety of the users. Papers are invited on topics covering the following areas and other related subjects;

- Long-life pavements
- Durability
- Financing
- PPP, DBO, etc.
- Functional contracting

### **MAINTENANCE, HANDLING & APPLICATION TECHNIQUES**

In many countries the focus has shifted from construction of new highway infrastructure to maintaining the existing road network. Increased utilisation of the network means that opportunities exist for novel maintenance techniques and faster intervention. Papers are invited on topics covering the following areas and other related subjects;

- Surface treatments
- Innovative maintenance techniques
- New equipment
- Fast application technology

### **SMART & INTELLIGENT INFRASTRUCTURE**

Our world is becoming more dependent than ever on communication and this applies equally to the road network. The highway network is used not only as a route for transportation of people, but increasingly as a conduit for other technologies. Furthermore, intelligent infrastructure management enables faster communication and reduced delays. Papers are invited on topics covering the following areas and other related subjects;

- IT in infrastructure
- Active monitoring techniques
- Dual-purpose pavements (cool pavement technology, energy generation, etc.)
- The intelligent road
- Sensor technology, active/passive communication
- Road condition monitoring

### **ASSET MANAGEMENT**

The global financial crisis has impacted on investment and maintenance in infrastructure. Papers are invited on topics covering the following areas and other related subjects;

- Life-cycle costing
- Performance based maintenance
- Pavement Management systems
- Functional contracting
- Long term contracts

## SUBMITTING ABSTRACTS

Details of the procedure for submitting abstracts for a paper on one of more of the topics listed above can be found at the website [www.eecongress2016.org](http://www.eecongress2016.org). The length of the abstracts should be around 200 words.

**The deadline for the submitting abstracts is November 30, 2014.**

## REVIEW PROCESS

The abstracts will be reviewed by the Technical Programme Committee and the papers will be reviewed by the Paper Review Committee.

### The abstract acceptance criteria are:

- The subject should be innovative
- The subject should support the theme of the congress
- The abstract / papers should not be commercial
- The abstract should demonstrate high calibre information

The authors are encouraged to relate the technology aspects of their abstract / papers to the socio / economic benefits for society.

### The acceptance criteria for the papers are:

- a. Technical content (or technical quality) of the paper
  - Clarity and rigour (the paper should be clear, easy to understand, well structured, based on well-founded arguments)
  - The scientific and technical value
  - Originality and / or innovative level
- b. The paper should conform to the Guidelines for Authors (on [www.eecongress2016.org](http://www.eecongress2016.org))

If the Paper Review Committees states: “The paper could be accepted after modification”, the authors will have the opportunity to modify their paper. After modification the papers will be reviewed again.

## IMPORTANT NOTE TO AUTHORS

DEADLINES	
<b>June 12, 2014</b>	Call for papers released
<b>November 30, 2014</b>	Deadline for submitting abstracts
<b>February 2015</b>	Acceptance notification
<b>September 1, 2015</b>	Deadline for manuscripts submission
<b>February 15, 2016</b>	Final acceptance

The papers will be reviewed by the Paper Review Committee. Authors of accepted papers will be given the opportunity of presenting their paper to the Congress participants in print (USB flash drive) or in the poster session, however we cannot guarantee to authors that their papers will be orally presented.

## LANGUAGES

The official languages for the Congress will be English, French and German and there will be simultaneous interpretation provided into these three languages. Abstracts and papers have to be written in English. Copies of the original papers in French / or German are acceptable. Other languages for simultaneous interpretation could be added depending on the number of attendees. During the Congress, interpreters' facilities for additional languages will be available if participants wish to bring their own interpreters. Translation will be available only in the Plenary Hall.

## EXHIBITION

There will be a simultaneous wide-ranging exhibition which will provide a visual focus and interaction with the Congress sessions. The breaks will be taken in the exhibition area.

## POSTER SESSION

The poster session will again be open to all authors whose paper has been accepted. Authors will be asked to attend their poster during a certain period.

## ACCOMPANYING PERSONS ' PROGRAMME

Special tours will be arranged for the accompanying persons to explore the city of Prague and its world famous historical and architectural monuments.

## CONGRESS WEBSITE

Visit our official congress website [www.eecongress2016.org](http://www.eecongress2016.org) to get more information.

## CONGRESS ORGANISING COMMITTEES

### STEERING GROUP

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