



HRVATSKO ASFALTERSKO DRUŠTVO



CROATIAN ASPHALT ASSOCIATION

OVERVIEW OF EAPA'S CURRENT ACTIVITIES IN BRUSSELS

PREGLED SADAŠNJIH AKTIVNOSTI EAPA-E U BRUSSELU

CARSTEN KARCHER, EAPA



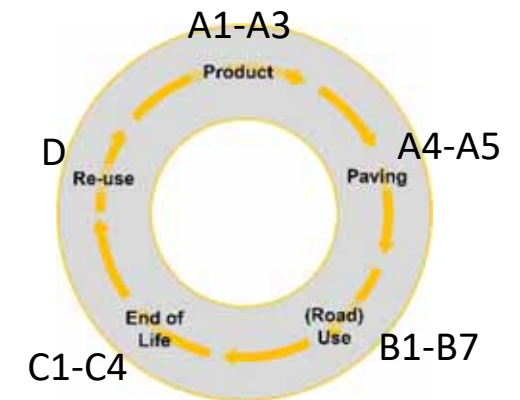
9. MEĐUNARODNA KONFERENCIJA ASFALNI KOLNICI 2025

9. INTERNATIONAL CONFERENCE ASPHALT PAVEMENTS 2025

OPATIJA 08. – 09. 05. 2025.

Content

- The European Asphalt Pavement Association (EAPA)
- The hot topics and new challenges for the asphalt industry in Europe
- The answers of a sustainable and responsible industry



The European Asphalt Pavement Association (EAPA)



The European Asphalt Pavement Association (EAPA)

- EAPA is a non-profit association, founded in 1973 and nowadays based in Brussels, Belgium EAPA represents the majority of the European asphalt paving industry



Ralf Pomp



Slovenko Heningman

EAPA's mission

- EAPA is the voice of the Asphalt Paving Industry in Europe and works to ensure that the use of asphalt, as the optimum choice for the construction and maintenance of the vital European road infrastructure, is fully appreciated, promoted and implemented.



Dr. Carsten
Karcher

Secretary General



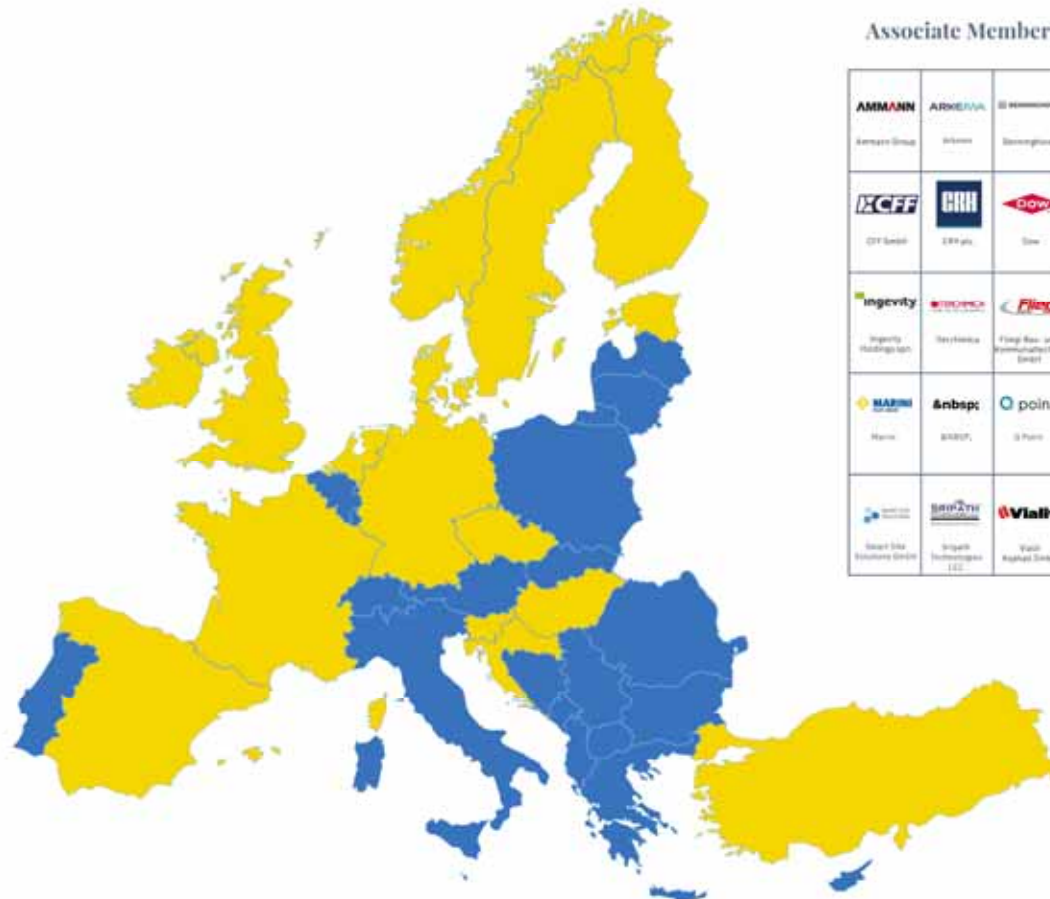
Dr. Breixo
Gómez-Meijide

Technical Director

The European Asphalt Pavement Association (EAPA)

- 16 National Members

 Asfema - Spanish Association of Asphalt Producers	 Asfaltindustrien - Danish Asphalt Pavement Association	 ASMUD - Turkish Asphalt Contractors Association	 Dutch Construction and Infrastructure Contractor's Association
 HAC - Croatian Asphalt Association	 German Asphalt Pavement Association	 EBA - Norwegian Contractors Association	 ESTICA - Estonian Infra Construction Association
 HAPA - Hungarian Asphalt Pavement Association	 IAPA - Irish Asphalt Pavement Association	 Infra Contractors Association, Finland	 MPA - Mineral Products Association, UK
 NCC AB, Sweden	 Peab, Asphalt AB, Sweden	 Czech Road Contractors Association	 Routes de France - French Contractors Association
 ZAS - Slovenian Asphalt Pavement Association			



Associate Member Companies

 AMMANN Group	 Arberval	 BASF	 Cargill	 Caterpillar
 XCF	 CRH	 Dow	 Evonik	 Johannes
 Ingevity	 Knauf	 Pfleger	 Hywax	 JRS
 Kraton	 Mann	 O point	 Rothmann	 Sasol
 Vialit	 Vögele	 Vögele	 Vögele	 Zydex

The European Asphalt Pavement Association (EAPA)

European Contacts in Brussels:

- Aggregates Europe (UEPG)
- Eurobitume
- European Union Road Federation (ERF)
- European Construction Association (FIEC)
- Conference of European Road Directors (CEDR)
- Construction Alliance 2050
- High Level Construction Forum (HLCF)
- Industry for Europe etc.



The European Asphalt Pavement Association (EAPA)

European Floor Exchange

- Regular exchange with representatives of European Parliament and Commission



The European Asphalt Pavement Association (EAPA)

EAPA Committees

- General Council Assembly
- Directors' Group
- Executive Committee
- Technical Committee
- Health, Safety and Environment Committee
- Communication Committee
- Asphalt 4.0 Committee
- Various Task Forces: Warm Mix Asphalt, Reuse of asphalt, Decarbonisation, Odour



The European Asphalt Pavement Association (EAPA)

Global contacts and Chairmanship of Global Asphalt Pavement Alliance



The hot topics and new challenges for the asphalt industry in Europe



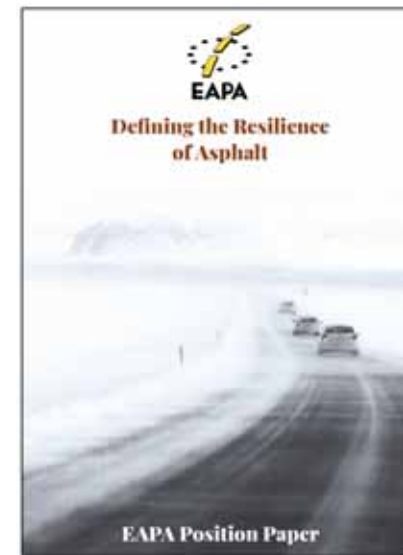
Many hot topics for the asphalt industry (1)

- Sustainability
 - Decarbonisation of asphalt and road sector
 - Environmental Product Declaration (EPD)
 - Circular Economy - Re-use of asphalt
 - Taxonomy
 - Tyre and road wear particles
 - Alternative binders
 - European End-of-Waste criteria for asphalt
 - The new EU Clean Industrial Deal
- Health issues
 - Reduction of emissions in work environment
 - Temperature reduced asphalts/Warm Mix Asphalt (WMA)
 - Odour/Emissions of asphalt plants



Many hot topics for the asphalt industry (2)

- Technical Aspects
 - Megatrends towards increased productivity
 - Durability of asphalt pavements
 - Hydrogen use for drying systems of asphalt plants
 - Asphalt for bike lanes
- Digitalisation and Innovation / Asphalt 4.0
- Attracting new talents and skilled workforce
- Resilience
- Future Road Transport
- Communication -Webinars, Social Media, Magazine, YouTube, Podcasts, etc.



Always hot topics for the asphalt industry

Standardisation

- Revision of the Construction Products Regulation (CPR)
- Updates and inputs for CEN Standardisation Committees
 - Bituminous mixtures (CEN TC227, CEN TC227 WG1)
 - Bituminous binders (CEN TC336, CEN TC336 WG1)
 - Sustainability, PCR and EPDs (CEN TC227 WG6)
 - Aggregates (CEN TC154)
- Exchange with Academia
 - Rilem TC on Alternative Paving Materials and Fumes Emission Evaluation
 - ERTRAC, ECCREDI
 - Universities over Europe

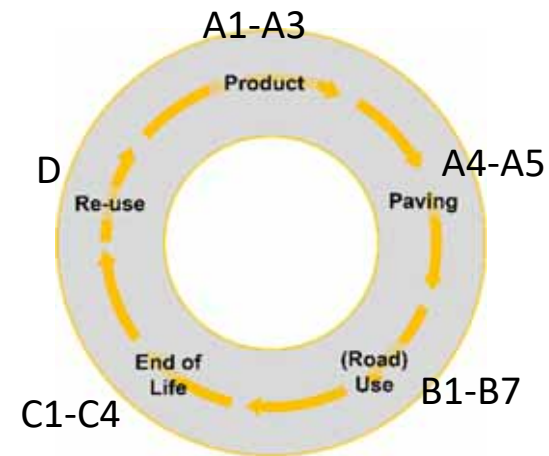


Environmental Product Declaration



Environmental Product Declarations

- EPD documents
 - intended for the transparent communication of the **environmental impacts** and/or performance of construction products through their lifetime (and even beyond).
 - compare the impacts of different materials/products in order to identify the most sustainable option.



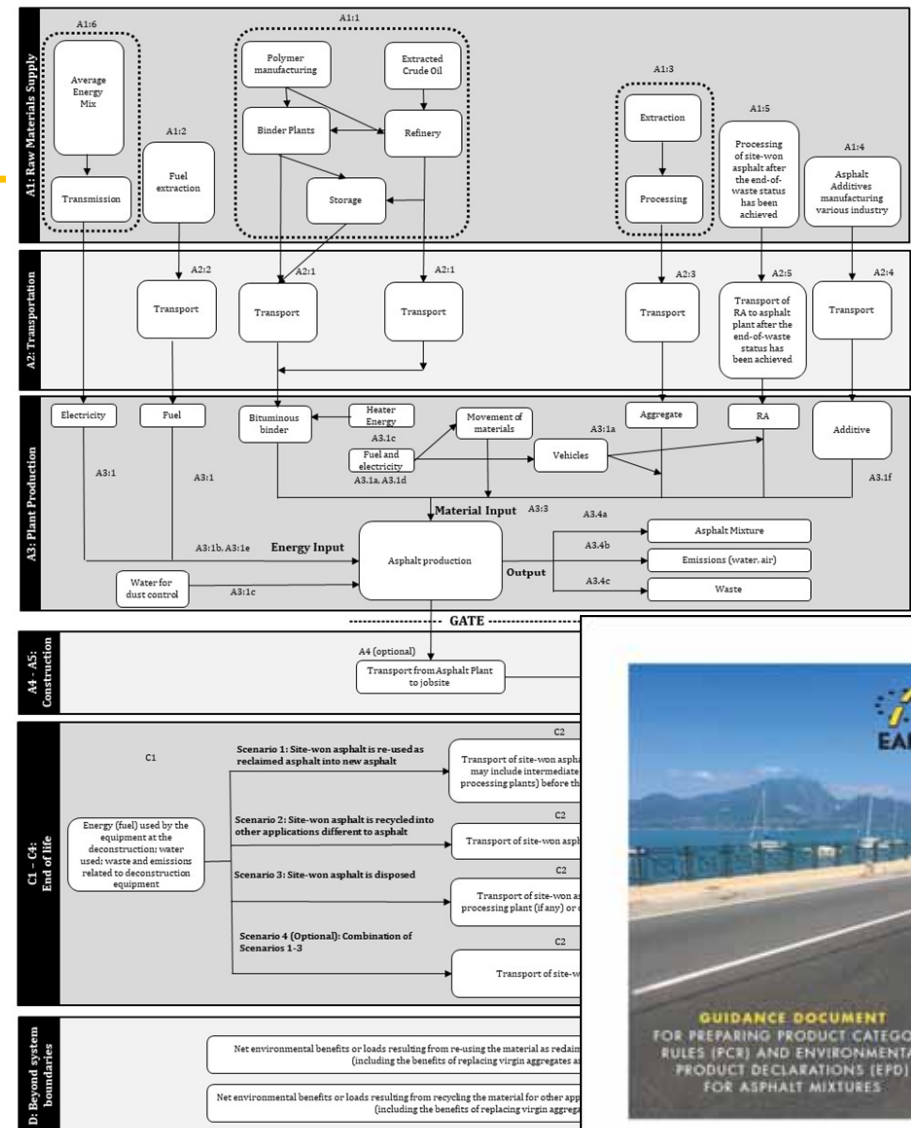
CONSTRUCTION WORKS ASSESSMENT INFORMATION																
CONSTRUCTION WORKS LIFE CYCLE INFORMATION													SUPPLEMENTARY INFORMATION BEYOND CONSTRUCTION WORKS LIFE CYCLE			
A1 - A3			A4 - A5		B1 - B7							C1 - C4			D	
PRODUCT STAGE			CONSTRUCTION PROCESS STAGE		USE STAGE							END OF LIFE STAGE			BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARY	
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Raw material supply	Transport	Manufacturing	Transport	Construction - Installation process	Use	Maintenance	Repair	Replacement ¹	Refurbishment	Operational energy use	Operational water use	Deconstruction/demolition	Transport	Waste processing	Disposal	Reuse, recovery, recycling, potential
scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario	scenario
Mand.	Mand.	Mand.										Mand.	Mand.	Mand.	Mand.	Mandatory

Cradle to gate with modules C1-C4 and module D

EN 15804+A2:2019

Environmental Product Declarations

- This tool
 - Can contribute to reduce the overall footprint of the road construction sector (and reduces costs!).
 - Helps engineers to add environmental criteria to the selection process of products/materials for a given project.
 - Provides Road Authorities to compare offers based on their sustainability (Which is already good practice in Scandinavia!).

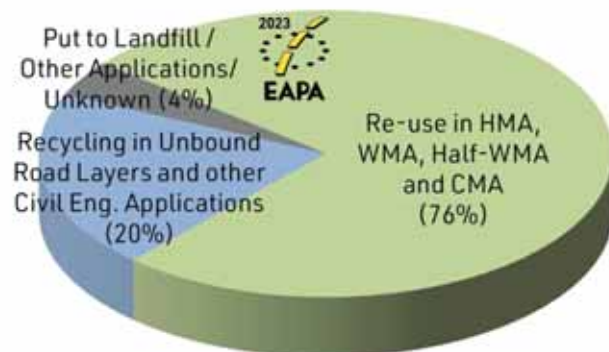


Circular Economy – Asphalt is Circular



Circular Economy – Asphalt in Figures by EAPA

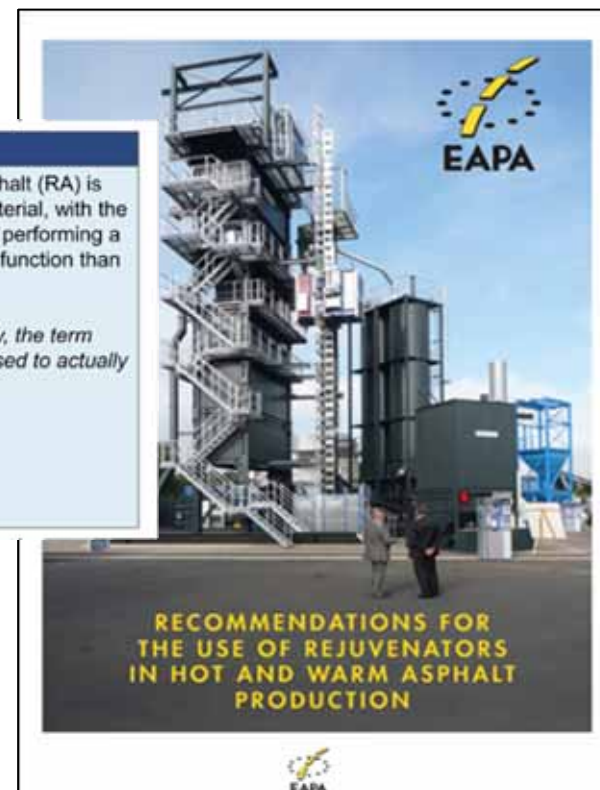
- Asphalt Industry is fully committed to the Circular Economy



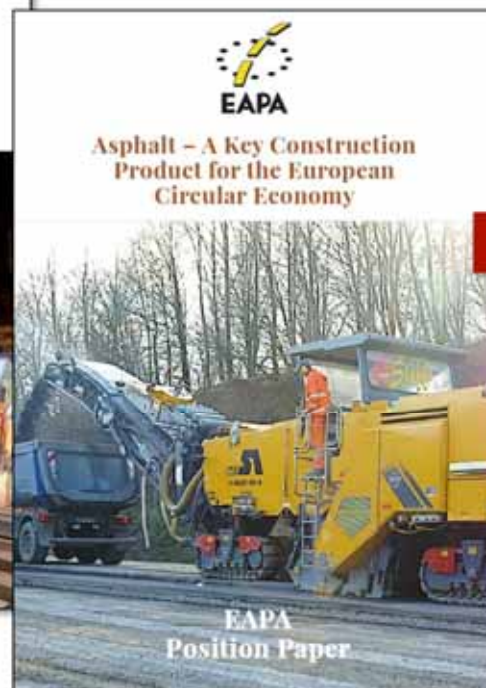
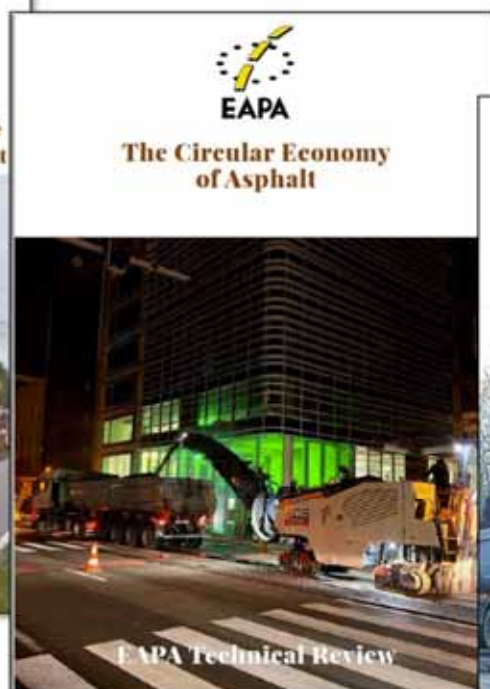
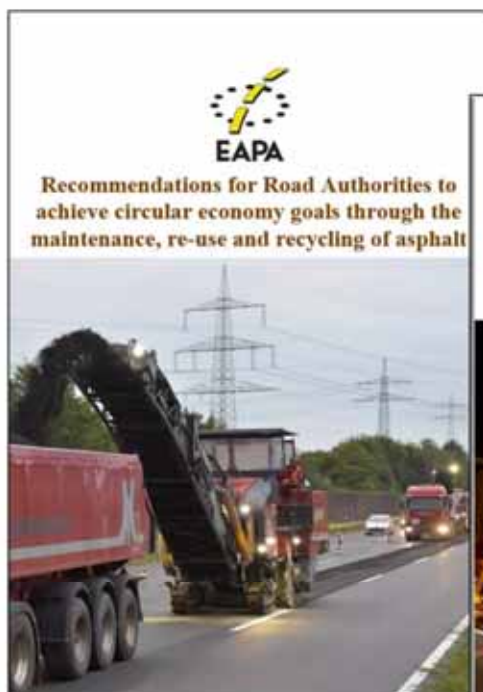
Data from Austria, Belgium, Croatia, Czech Republic, Denmark, France, Germany, Great Britain, Hungary, Ireland, Norway, Romania, Slovenia, Spain and Turkey. In these countries, a total of 36,1 Mt of reclaimed asphalt were available, out of which, 76% were re-used, 22% were recycled and only 2% were used on unknown applications or put to landfill.

Asphalt re-use	Asphalt recycling
Operation by which reclaimed asphalt (RA) is added to new asphalt mixes, with the aggregates and the aged bituminous binder performing the same function as in their original application.	Operation by which reclaimed asphalt (RA) is used as foundation, fill or road material, with the recovered aggregate and bitumen performing a lesser (or alternative engineering) function than in the original application.
<i>Note: This is independent of manufacturing temperature, road layer, etc. Hence, it would include, for example, the manufacturing of cold mix asphalt from former warm or hot mix asphalt, as long as aggregates and aged bitumen keep respectively working as aggregates and binder.</i>	<i>Note: This means that, traditionally, the term "recycling" has been mistakenly used to actually refer to "re-use" operations.</i>

Important: End of Waste Activities!



Re-use



Temperature Reduced Asphalts/ Warm Mix Asphalt



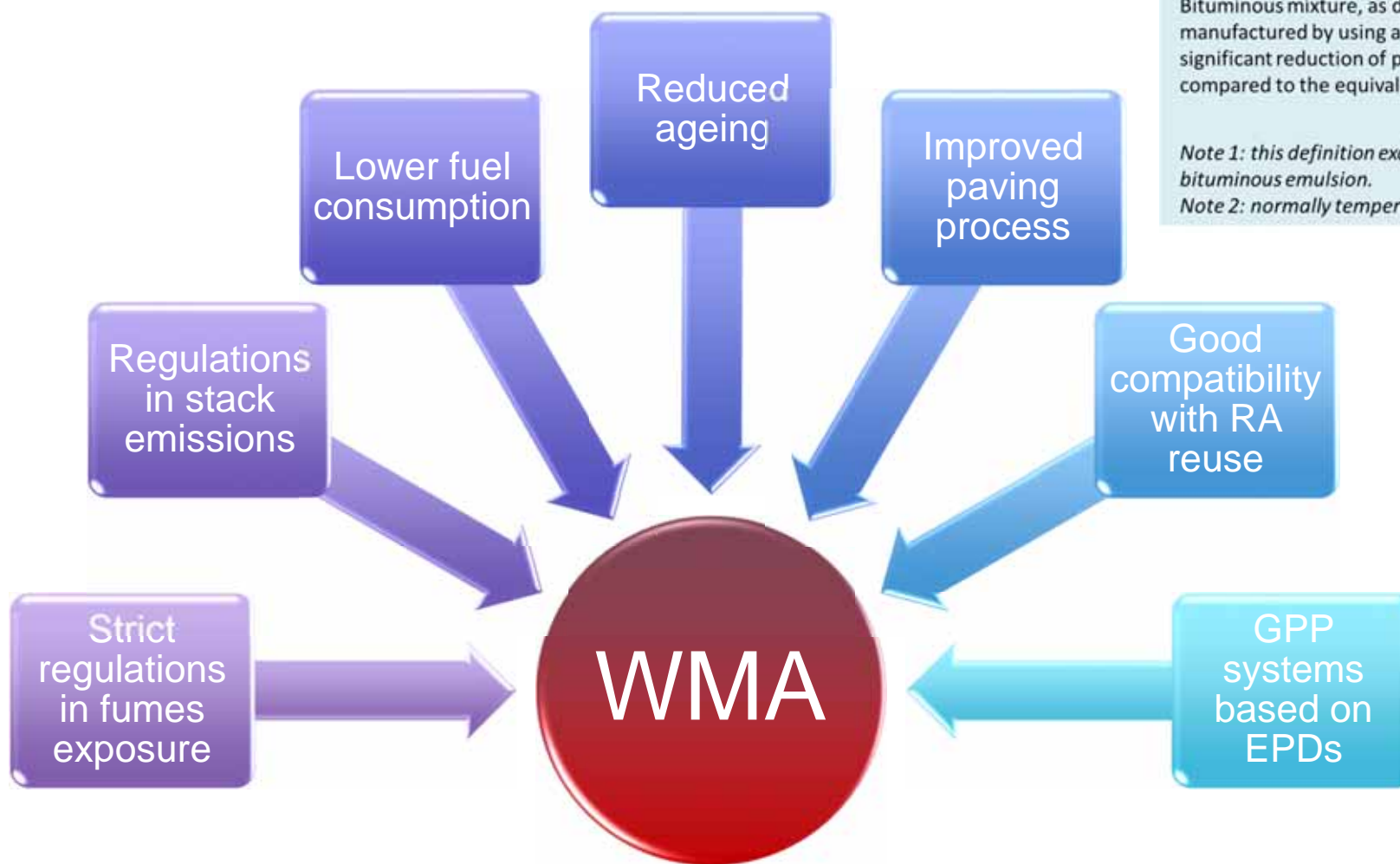
Warm Mix Asphalt

EAPA definition of Warm Mix Asphalt (WMA):

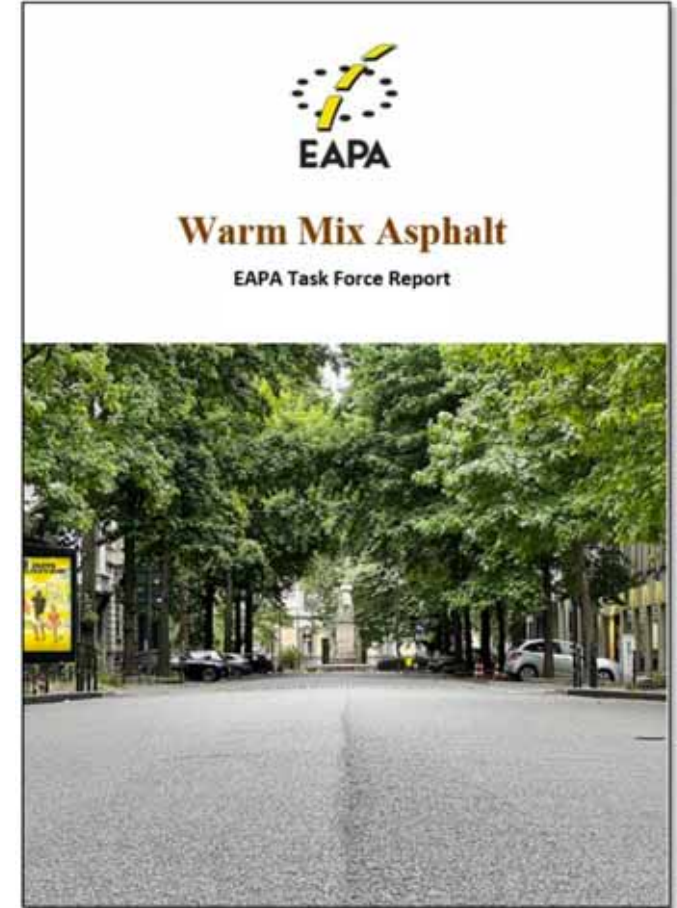
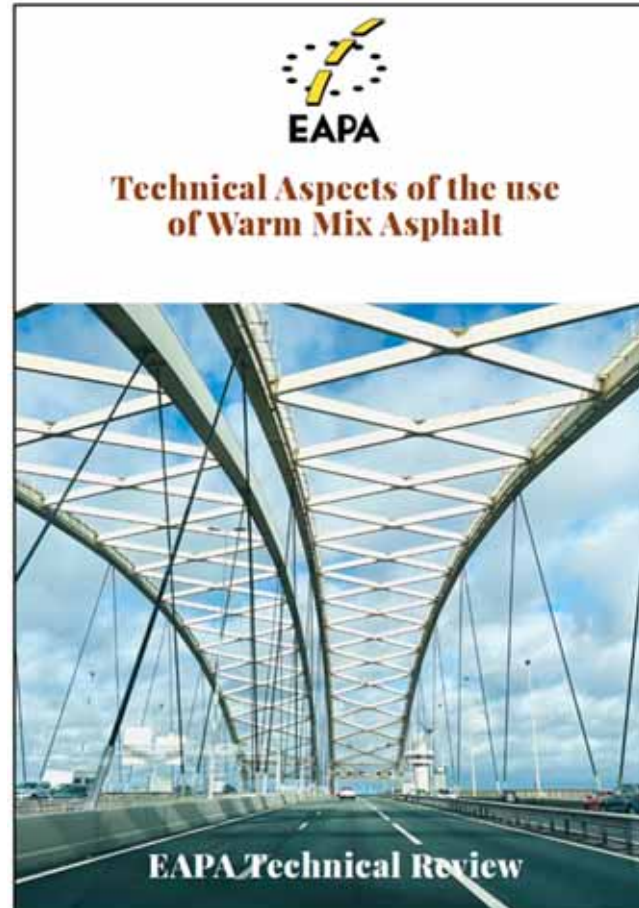
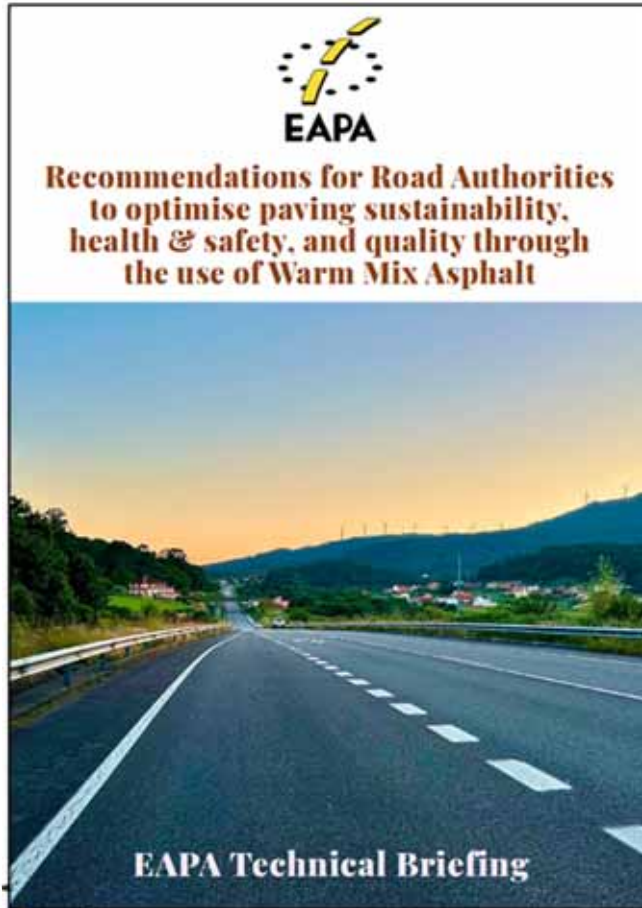
Bituminous mixture, as defined in Standard Series EN 13108, manufactured by using a series of technologies, which allow a significant reduction of production and installation temperatures, compared to the equivalent hot mix asphalt.

Note 1: this definition excludes asphalt mixes manufactured with bituminous emulsion.

Note 2: normally temperature reductions are of at least 20K.



Warm Mix Asphalt



Digitalisation & Innovation – Asphalt 4.0



Asphalt 4.0



Communication



International Road Maintenance Day 2024 & 2025

- Gathered on 4 April 2024, bringing together experts to discuss CO₂ emissions reduction and sustainable road maintenance. Hosted by EAPA and Asefma (Spanish Asphalt Pavement Association) with 150+ participants from 45 countries. Live streamed by EAPA for global audience. **2025: 65 countries, +300 participants.**

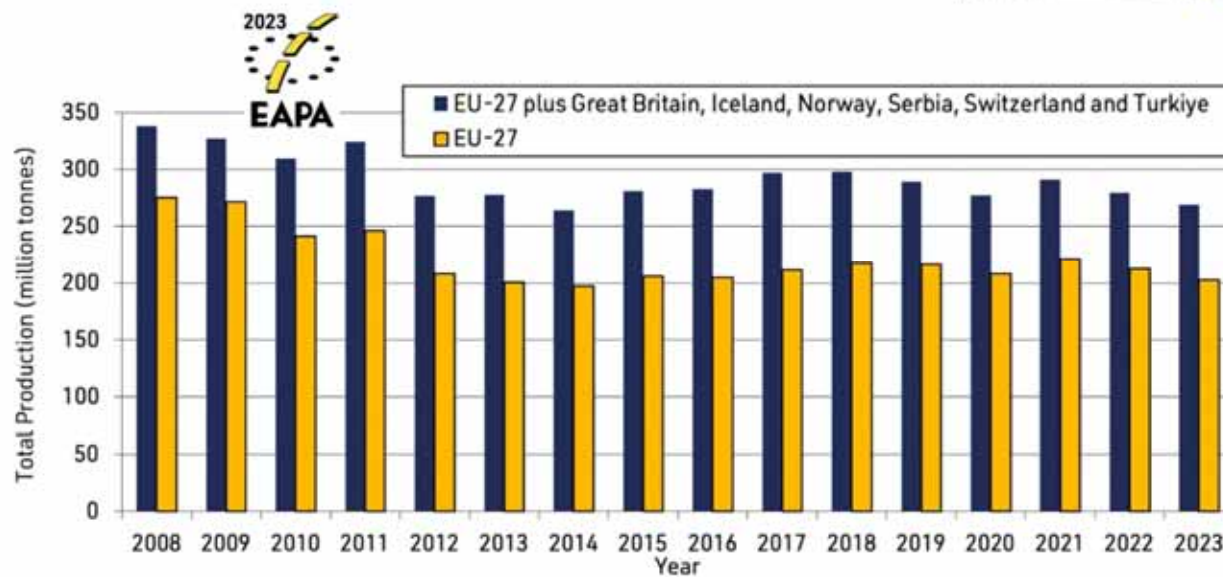


Communication Channels

- Website
- Newsletter and Magazine
- Social Media
- EAPA YouTube Channel
- Asphalt Advantages
- Asphalt Advocate of the year
- Manifestos
- Position Papers



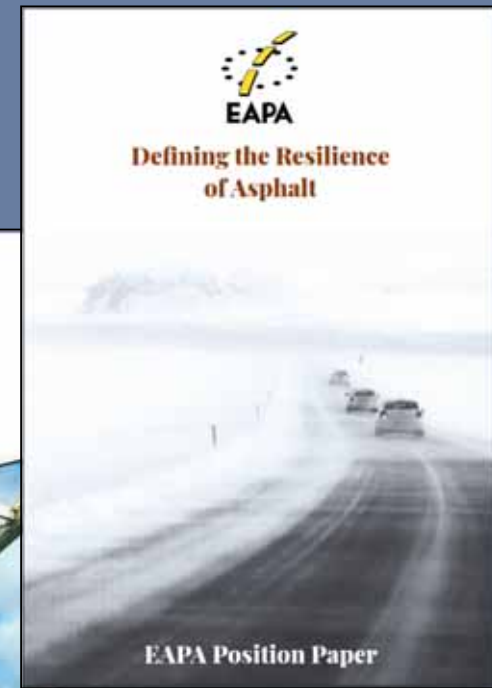
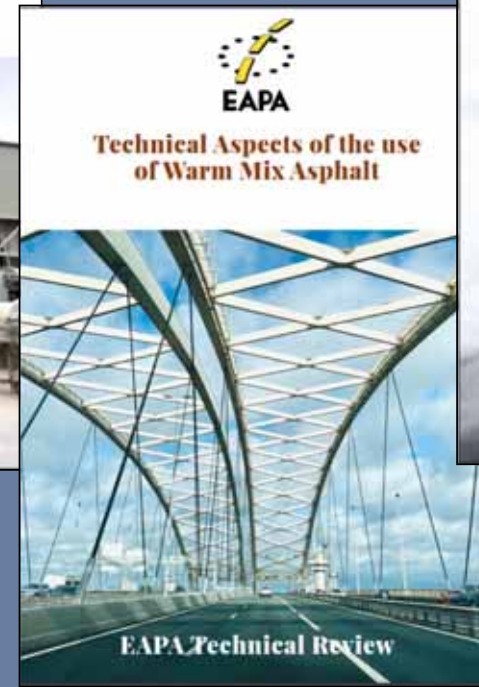
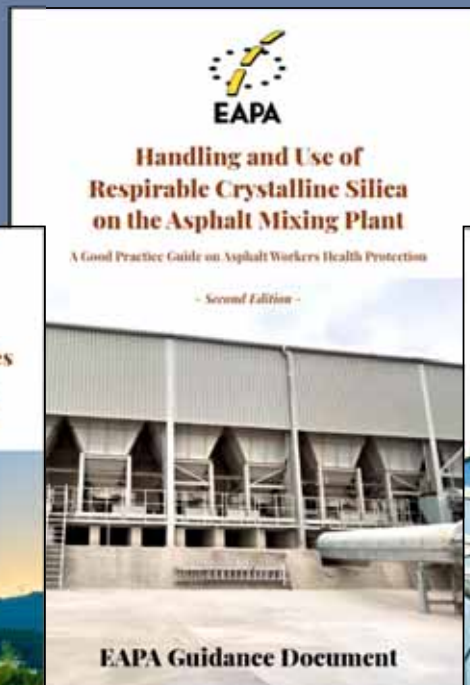
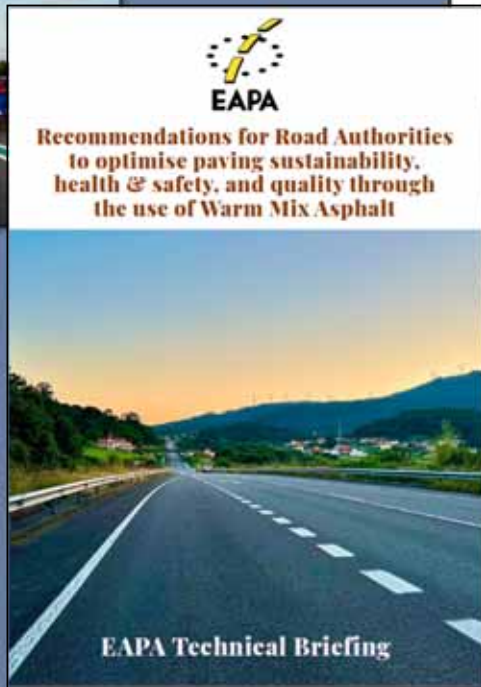
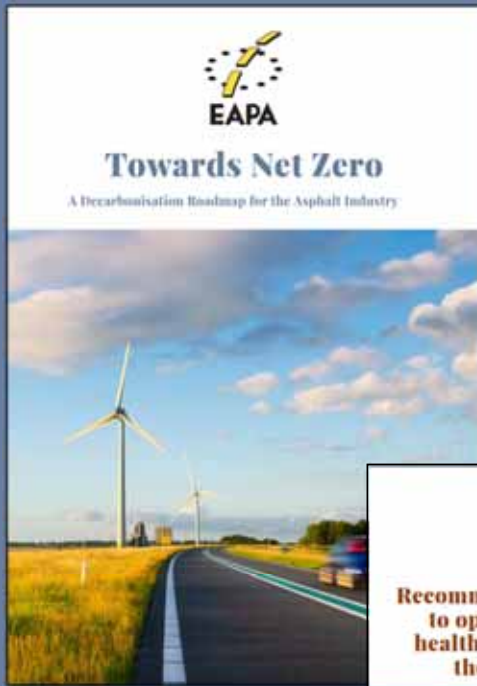
Asphalt in Figures



Podcast – The Roadcast

Inspiring and empowering the next Generation of Engineers

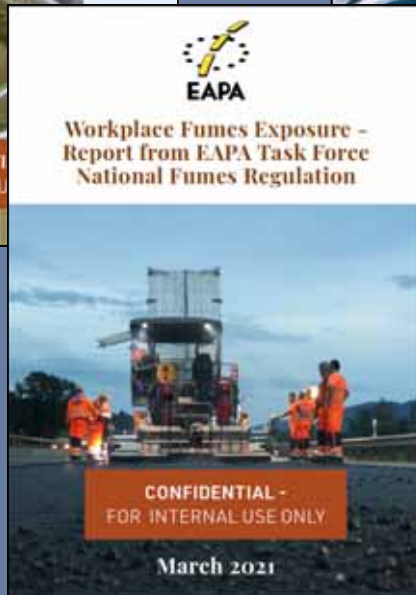
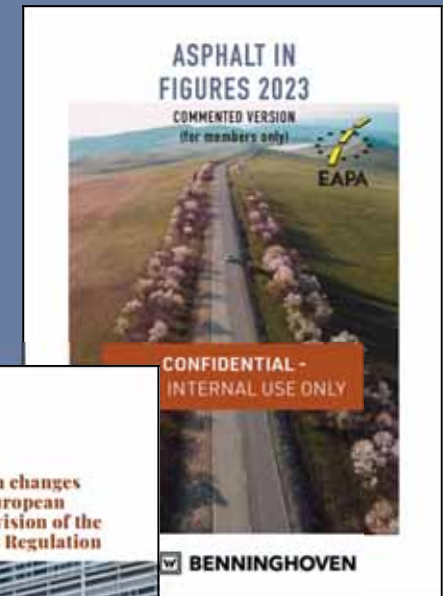
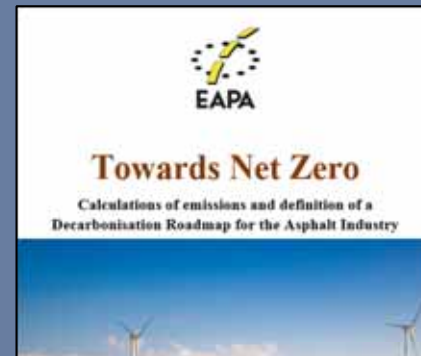
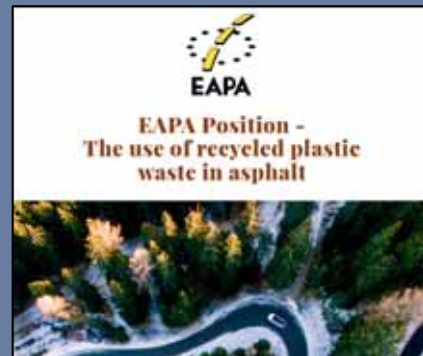




Recently Released



Internal Only Reports



Women in Asphalt

EAPA Marketing & Communication Manager, Meghaa Vandana working with Siobhan McKelvey from Eurobitume on creation of Women in Asphalt Focus Group

MISSION STATEMENT

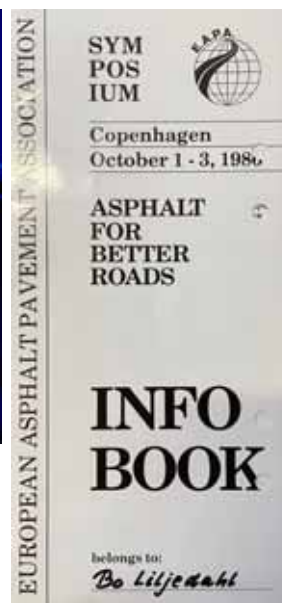
Empowering women in asphalt industry careers.

GOALS

- AWARENESS - Increasing awareness of opportunities in the industry.
- KNOWLEDGE - Elevating knowledge through education and resources.
- COMMUNITY - Providing platforms to create supportive relationships and growth.



Congresses, Symposia, and Events



- 1976 1st Eurasphalt Congress Montreux
- 1980 2nd Eurasphalt Congress Brussels
- 1984 3rd Eurasphalt Congress Berlin
- 1986 1st Symposium Copenhagen
- 1988 4th Eurasphalt Congress Nice
- 1990 2nd Symposium Stockholm
- 1992 5th Eurasphalt Congress the Hague
- 1994 3rd Symposium Helsinki
- 1996 1st Eurasphalt & Eurobitume Congress Strasbourg
- 1998 4th Symposium Berlin
- 2000 2nd Eurasphalt & Eurobitume Congress Barcelona
- 2002 5th Symposium Antalya
- 2004 3rd Eurasphalt & Eurobitume Congress Vienna
- 2008 4th Eurasphalt & Eurobitume Congress Copenhagen
- 2010 6th Symposium Madrid
- 2012 5th Eurasphalt & Eurobitume Congress Istanbul
- 2014 7th Symposium Paris
- 2015 8th Symposium Istanbul
- 2016 6th Eurasphalt & Eurobitume Congress Prague
- 2017 9th Symposium Paris
- 2018 1st Eurasphalt & Eurobitume Event Berlin
- 2019 10th Symposium Paris
- 2021 7th Eurasphalt & Eurobitume Congress Online
- 2022 2nd Eurasphalt & Eurobitume Event Vienna
- 2024 8th Eurasphalt & Eurobitume Congress Budapest



3RD E&E EVENT
EURASPHALT & EUROBITUME
11-12 JUNE 2026
VIENNA
AUSTRIA

AUSTRIA TREND HOTEL
SAVOYEN VIENNA



WWW.EEEVENT2026.ORG

Thanks for listening!



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