



Within the EU project



LIFE/ENV/IT000201 LIFE E-VIA

Project co-funded by the European Commission into the LIFE+2018 Programme

organises the session titled

**Electric mobility and low-noise asphalts:
the results of the LIFE E-VIA project and contributions
from other projects**

on 7th October 2022 from 10.00 a.m. to 5.00 p.m.

at Fortezza da Basso – Firenze in the frame of Expomove event
and in digital mode on Zoom platform

The event will be held in English language

5 hours training are recognized as updating for Technicians Competent in Acoustics

**The training for TCAs is reserved for the first 50 enrolled participating in
presence**

The course is recognised by the Region of Tuscany with Prot. n. 302737 of 9/9/2022

Participating architects will be able to apply for the recognition of CFPs to their order in self-
certification mode

The LIFE E-VIA project

Environmental data from the European Environment Agency (EEA) on noise exposure show that more than 100 million European citizens are exposed to high noise levels. Road traffic noise alone is harmful to the health of almost one in three people in the WHO European territory. Twenty per cent of European citizens are regularly exposed to night-time noise levels that could significantly damage their health, especially in urban areas. As revealed in the WHO guidelines published in October 2018 and in the report Environmental Noise in Europe published in 2020 by the European Environmental Agency, increasing the severity of EU standards at source must be balanced with other effective measures such as road surface and/or tyre optimisation and urban planning measures. One of the solutions universally recognised as the best way to reduce noise in urban areas, both in terms of noise and air quality, is the introduction of e-mobility.

In this context, the LIFE E-VIA Project (Electric Vehicle noise control by Assessment and optimisation of tyre/road interaction - www.life-evia.eu) intends to address the problem of noise pollution due to road traffic noise, focusing on a future perspective in which electric and hybrid vehicles will be a substantial part of the traffic flow, and to combine knowledge of asphalt and tyre optimisation in order to test an optimised solution for noise reduction in urban areas and to optimise the Life Cycle Cost with respect to current best practices.

The Project, co-financed by the European Union through the LIFE Programme, started in July 2019 and will end in January 2023.

The Mediterranean University of Reggio Calabria, Vie en.ro.se Ingegneria, Université Gustave Eiffel, Continental and I-POOL participate as partners in the Project, which is coordinated by the Municipality of Florence.

During the session devoted to the project, the main results obtained so far will be illustrated, while in the following session a comparison with representatives of other European projects will be made possible, facilitating a technical comparison and an exchange of best practices.

Programme

Morning session: The LIFE E-VIA project, activities and outcomes (10:00-13:30)		
10:00-10:30	Welcome and opening of proceedings	Arnaldo Melloni – Comune di Firenze – Project Manager LIFE E-VIA project Andrea Giorgio – Comune di Firenze – Councilor for environment and ecological transition
10:30-10:45	Electromobility in the EU: what is the Commission doing?	Zlatko Kregar – DG MOVE-EC
10:45-11:00	Are tyres and road surfaces the best solution to noise?	Marco Paviotti – DG ENV-EC
11.00-11.20	Introduction to project's activities	Raffaella Bellomini – Vie en.ro.se Ingegneria (Enteca n. 8043)
11.20-11.50	Designing of a new low-emission asphalt	Filippo Giammaria Praticò – Mediterranean University of Reggio Calabria
11.50-12.20	Holistic low noise tyres for electric vehicles	Carsten Hoever – Continental Reifen Deutschland GmbH
12.20-12-50	Tyre-pavement coupling study and prototype implementation	Julien Cesbron – Université Gustave-Eiffel
12.50-13.00	The LIFE E-VIA project in Florence and replication strategy	Arnaldo Melloni – Comune di Firenze
13:00-13.20	Evaluation of pavement characteristics, EV noise emissions and Guidelines issuing	Francesco Bianco – iPOOL S.r.l. (Enteca n. 8360)
13.20-13.30	Soundscape analysis	Chiara Bartalucci – Vie en.ro.se Ingegneria)
13.30-14.30	Lunch	
Afternoon session: Networking with other EU projects (14.00-16:30)		
14.30-14.50	LIFE NEREiDE	Daniele Fornai – Ecopneus
14.50-15.10	LIFE SNEAK	Francesco Borchi – Università di Firenze DIEF (Enteca n. 7919)
15.10-15.30	LIFE Cool & LoW Noise asphalts	Antoine Perez-Munoz – Bruitparif
15.30-15.50	Horizon NEMO	Gaetano Licitra – ARPAT (Enteca n. 7885)
15.50-16.30	Round table	Moderator: Sergio Luzzi (Enteca n.7806)
16.30-17.00	Test TCA	

Registration

Registration opening for acoustic technicians: 20 September 2022

Link for registration:

https://docs.google.com/forms/d/e/1FAIpQLScZ92KOTMzg_4n0rdj_rNm8Lp5NPoe15noThFNIBaLL8GHn8g/viewform?usp=sf_link

Places available for acoustic technicians asking for training hours: 50

Closing of registration for acoustic technicians: 25 September 2022

Registration opening for general public: 26 September 2022

Closing of registration for general public: 6 October 2022

Info and contacts

<https://life-evia.eu/> - life18.evia@gmail.com

Scientific committee

Chiara Bartalucci

Raffaella Bellomini

Iacopo Bianchi

Francesco Bianco

Fabio Brocchi

Julien Cesbron

Giuseppe Colicchio

Carsten Hoever

Gaetano Licitra

Sergio Luzzi

Arnaldo Melloni

Marie-Agnés Pallas

Filippo Praticò

Secretariat

Sara Delle Macchie

Gessica Pecchioni