



## LIFE E-VIA

“Electric Vehicle noise control by Assessment and optimisation of tyre/road interaction”  
LIFE18 ENV/IT/000201



### MINUTES OF THE ONLINE MEETING

*held on 14 April 2021 from 9:00 to 12:30 on Teams platform*

#### **PARTICIPANTS**

Arnaldo Melloni, Gessica Pecchioni, Iacopo Bianchi, Mario Plati (FI)

Raffaella Bellomini, Chiara Bartalucci, Sara Delle Macchie, Francesco Borchì, Sergio Luzzi (VIENROSE)

Filippo Praticò, Rosario Fedele, Gianfranco Pellicano, Giuseppe Colicchio, Laura Lonetto (UNIRC)

Julien Cesbron, Marie-Agnès Pallas, Simon Bianchetti (UNI-EIFFEL)

Carsten Hoever, Achillefs Tsotras, Monika Geier (CRD)

Francesco Bianco, Antonino Moro, Fabio Brocchi (IPOOL)

#### **AGENDA**

9.00-10.30: Check of documents required in the EASME letter after Mid Term Report (FI, VIENROSE)

10.30-10.40: Coffee break

10.40-12.00: Updating about project actions (each partner – 10’)

12.00-12.50: Preparation of Monitoring Visit (FI, VIENROSE)

12.50-13.00: AoB

#### **MAIN OUTCOMES**

Arnaldo Melloni opens the meeting and welcomes all the participants.

He communicates that the second pre-financing has been received by the Coordinator and that the Municipality of Florence has completed the process of sending the respective tranches to the partners who will receive them in the next few days.

Moreover, he reports that in the last period in Italy the LIFE E-VIA project has been widely reported in many (about 13) local or national newspapers, gaining a great visibility.

Finally, the Coordinator on 29 March 2021 was invited by Mr Marco Paviotti (officer at the European Commission DG Environment where he follows the EU policy on environmental noise and urban environment) and participated to a web meeting in order to discuss the potentiality of the project in terms of expected results. In



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fact, the topic of EVs, low noise tyres and asphalt is considered as one of the most prominent in the field of noise reduction at EU level.

### 1) Check of documents required in the EASME letter after Mid Term Report

Raffaella Bellomini summarizes the open issues raised in the letter of EASME received after the delivering of the Mid Term Report and specifies which documents have already been provided by each partner and which ones are still missing. Moreover, she details for each partner which administrative and technical documents related to periodic reporting must be provided to the Coordinator within **3<sup>rd</sup> May 2021**, in order to be collected and sent to the Monitor in time for his visit on 11-12 May.

It is recommended to all partners to provide updated and signed financial statements to 31<sup>st</sup> October 2020 (if minor corrections are needed or requested in the EASME letter), 31<sup>st</sup> December 2020 and 31<sup>st</sup> March 2021, together with all financial and supporting documents (time sheets, salary slips, etc.) properly filled and signed.

Moreover, each partner is invited to produce additional dissemination materials, in particular noticeboards in different languages according to the project proposal.

VIENROSE will share the presentation with all this information to partners who are invited to ask her for any clarifications or doubts.

### 2) Overview about general and technical issues

Raffaella Bellomini reports about the main technical issues to be improved/completed/detailed before the next monitoring visit, with specific reference to:

- a) The integration between results of asphalt test measurements to be carried out by I-POOL in Nantes and pilot case tender's specifications;
- b) A proposal to carry out an ante/post-operam noise measurement campaign at receivers, not foreseen in the project proposal, by I-POOL or VIENROSE;
- c) The first post-operam noise measurement campaign at the source will be carried out in Florence in September, since the asphalt laying is confirmed in July 2021;
- d) Some updating regarding the EV festival organization (to be detailed during the technical presentation about dissemination activities).

After a discussion among involved partners, it is concluded that:

- Regarding point a), UNIRC and the other partners involved in the new asphalt design will provide very soon the specifications to FI in order to complete the tender procedure in a week; tests to be carried out by I-POOL in Nantes will just validate the simulations for asphalt durability estimation already carried out, with no significative changes expected. As confirmed by UNI-EIFFEL, necessary acoustics and mechanical tests have already been carried out with very good outcomes. In the meanwhile, I-POOL will perform some “aging model” to predict asphalt aging, by the study of intrinsic and extrinsic variables as well as of exposure time.
- Regarding point b), the proposal is approved by partners. I-POOL and VIENROSE are both available to carry out these measurements in the month of June and they will discuss together about it in the week from 19 to 23 April.



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Then, Raffaella Bellomini reminds to responsible partners to deliver to the Coordinator the proof of the achievement of the following deliverables:

- Deliverable n.5 (Action B3) - TENDER SPECIFICATION DEFINITION (deadline 28/02/2021, responsible: FIRENZE)
- Deliverable n.6 (Action B1) - REPORT (deadline 31/03/2021, responsible: UNIRC)

and of the following Milestone:

- Milestone n.3 (Action B1) - TRACKS DESIGN (deadline 31/03/2021, responsible: UNIRC)

### 3) Updating about project actions

Each partner reports about the progress of the action under its responsibility.

In general, it appears that actions are progressing regularly and, overall, on schedule.

Activities to be carried out in the next weeks and before summer concern:

- Finalization of report about Action B1 and sending of definitive tender's specifications to FIRENZE by UNIRC
- Measurements to be carried out in Nantes by I-POOL (Action B2.3) which will take place since the beginning of June in order to validate the models for estimating the durability of asphalt. First results will be already available since the middle of June.
- Completion of analysis of mechanical impedance measurements carried out in March 2021 by UNI-EIFFEL (Action B2.4).
- Further development and simulation of pattern modifications for the low noise optimized tires by CRD (Action B7).
- Building and sending of prototype tyres to UNI-EIFFEL for testing (Actions B2/B7).
- Finalization of questionnaires' template for the soundscape analysis (Action B5) by VIENROSE.
- Ante-operam measurements at receivers in the pilot area in Florence in June as additional activity (I-POOL or VIENROSE)
- Providing of specifications about indicators to be evaluated according to the project proposal and evaluating procedures by each partner (Action C1)
- Implementation of dissemination activities according to the dissemination plan and to activities planned by each partner, with specific reference to:
  - FIRENZE and VIENROSE: Organization of a webinar about the Project and connected activities to which also UNIRC will take part; Submission of 1/2 papers to the national congress of AIA; Submission of 1 paper to ICSV27 congress; Publication of updating brief news on the website of the Municipality of Florence; continuing of networking activities; keeping contacts with EXPOMOVE organizers in



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order to ensure the booking of a large stand and the possibility to give presentations during the conference sessions.

- UNIRC: Organization of students' context for the EV sound; Submission of 1 paper to the Noise mapping journal; Submission of 1 paper to Eurnoise Congress.
- UNI-EIFFEL: Preparation of networking activities with the Municipality of Paris, two French noise observatories (Acoucité and BruitParif), LIFE Cool&Low Noise Asphalts project, road companies via « Routes de France» association, IDRIMM and CIDB (Centre d'Information du Bruit).
- CRD: Presentation of the project to the European Tire and Rim Technical Organisation (ETRTO) (planned for Q2/2021); Presentation of the project at the annual meeting of the German Acoustical Society (DAGA2021, August 2021); Presentation of the project in form of a poster which is prominently placed at our R&D headquarters in a spot where it will be seen by visitors to the company (sometime in spring/summer 2021); Presentation on the topic of traffic road noise, changes due to EVs and our project to students of a local university (May/June 2021).
- IPOOL: noticeboards and proposals for papers publication / networking activities.

VIENROSE will contact the organizers of Eurnoise congress in order to understand if there is the possibility of organizing a session dedicated to the Project and report to partners.

VIENROSE will shortly make available the templates for the Noticeboards, word document, ppt presentation and leaflet and the Press Kit.

#### 4) Preparation of Monitoring Visit

VIENROSE had a call with the Coordinator and the Monitor on 13 April. Mr Rosa-Clot referred that:

- He will be physically present in Florence during the Monitoring Visit
- In the very next days, he will send the agenda of the visit to the Coordinator who will then share it with all partners
- He expects to receive all technical and administrative documents requested in the letter sent by EASME and related to the last reporting period (until 31<sup>st</sup> March 2021) within 3rd May 2021
- He recommends keeping all the documents available ready to hand during the visit.

Concerning organizational aspects of the meeting:

- On 11 May (in the afternoon) administrative issues will be discussed. Mr. Rosa-Clot will check financial documents received (updated to 31 March 2021) before the meeting and ask for clarifications during it. It is recommended that each partner is ready to keep at hand its own documents, in case any problems arise. A confidential session only for financial issues of CRD partner will be organized at the end of the meeting, after the other partners (apart from FIRENZE) have left the meeting.
- On 12 May (in the morning) technical issues will be discussed. Besides monthly reports, Mr. Rosa-Clot recommended to provide following supporting materials: Ppt presentation of technical activities (one for each on-going Action); Tender documents; Pictures, videos, demonstrating state of art of pilot and



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testing activities; Deliverables due within the monitoring visit date; Evidence of the Milestones achievement.

Achillefs Tsotras suggests to UNI-EIFFEL to give more emphasis to results related to the interaction between asphalt and vehicles in the presentation to be given to Mr. Rosa-Clot.

### 5) AoB

The importance of carrying out measurements on the mixture to be used in the pilot case in Florence is stressed by several partners. FIRENZE and UNIRC will take care of this aspect.

Firenze, 14 April 2021

Signatures