



LIFE E-VIA

Electric Vehicle noise control by Assessment and optimisation of tyre/road interaction









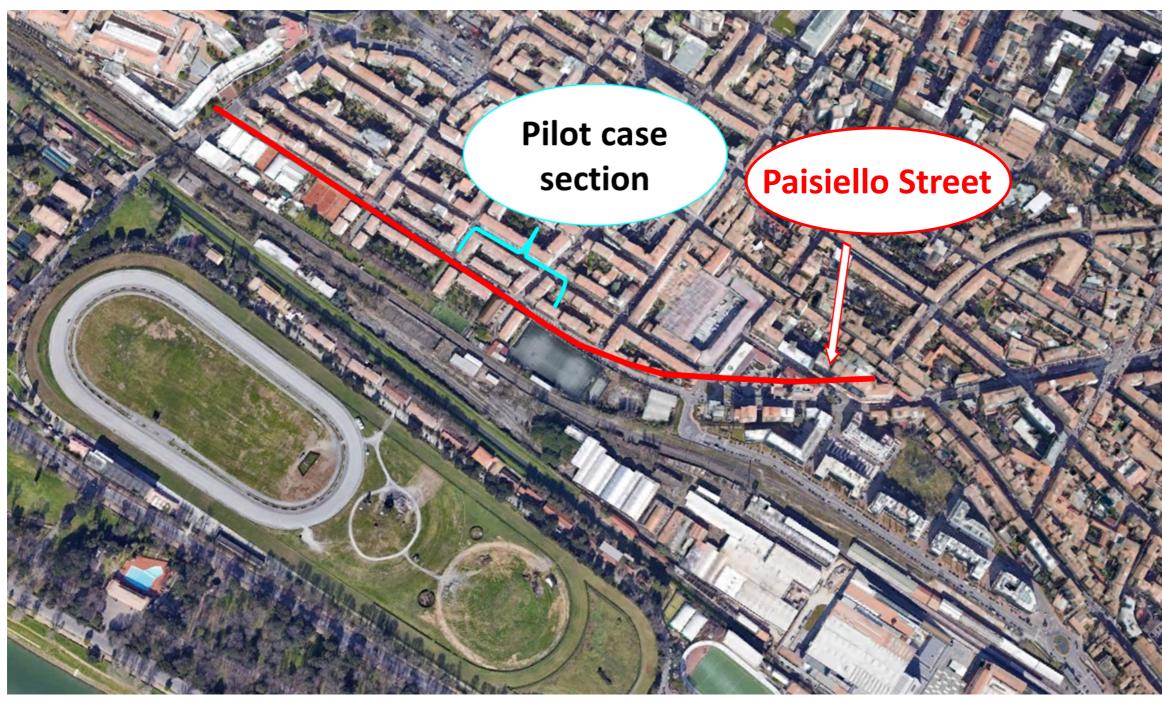


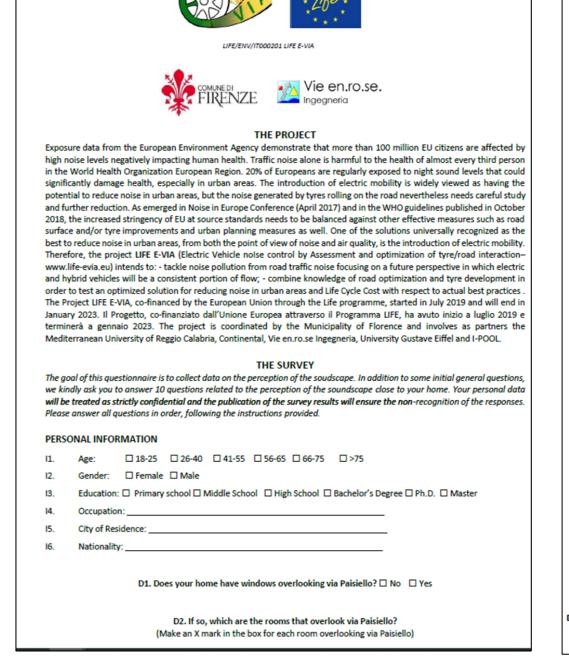


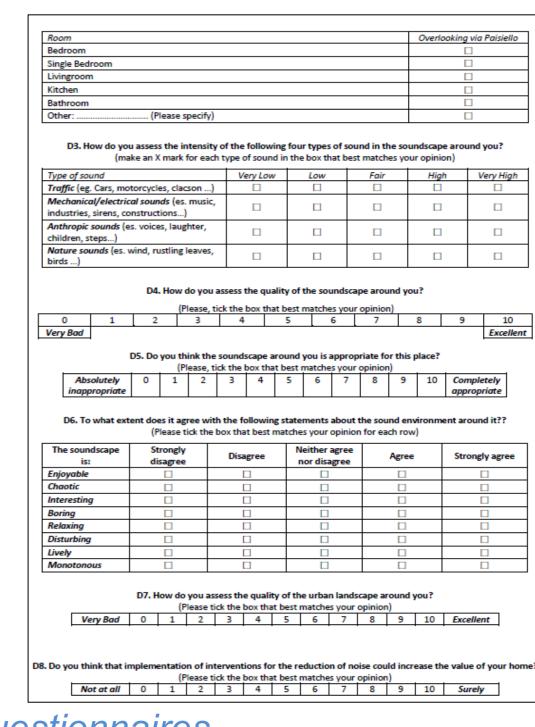
The Pilot case

The interventions in the pilot case located in Paisiello street (Florence) have taken place in mid July 2021: an innovative low-noise asphalt that aims to reduce traffic noise pollution was laid down in a portion of the street. In order to evaluate citizens soundscape perception before and after the pilot intervention realization, ante-operam and post-operam questionnaires were submitted to Paisiello street's residents. In particular, 92 ante-operam questionnaires were delivered, and 56 completed questionnaires were returned. In September, 101 post-operam questionnaires were delivered and 56 returned. The analysis shows a positive subjective impact of the low-noise asphalt implementation. As an illustration, according to 77% of the respondents the re-paving reduced the traffic noise perceived in their home.

Context and Methods

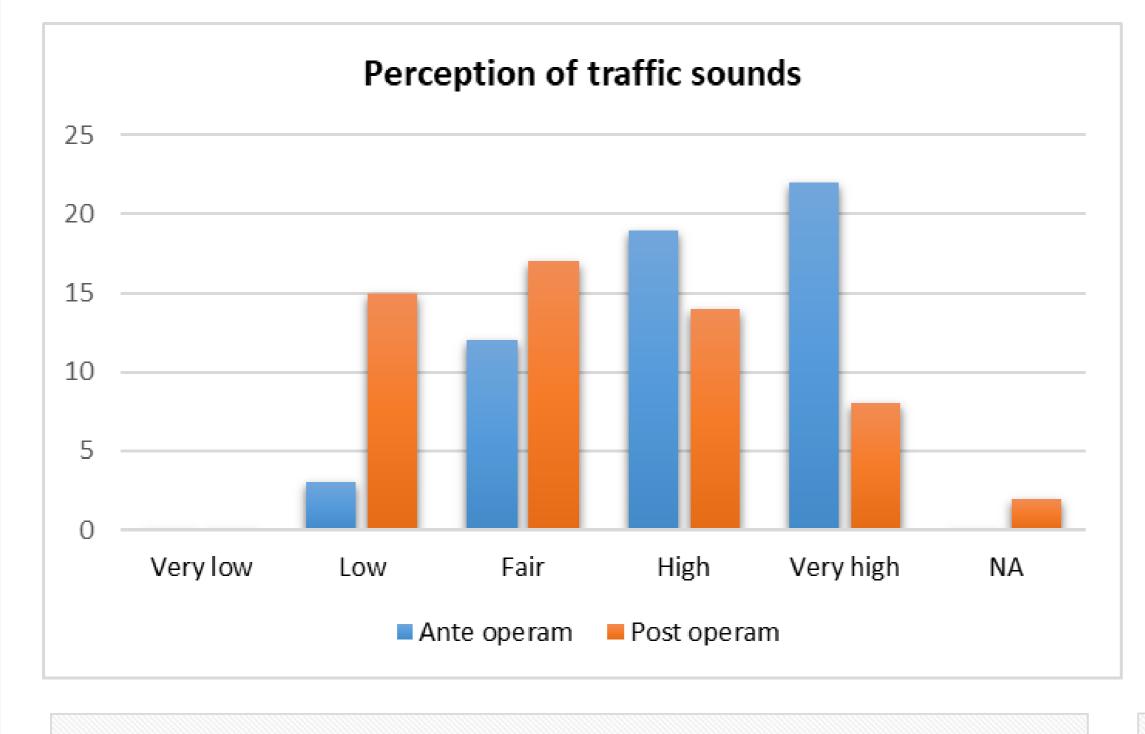




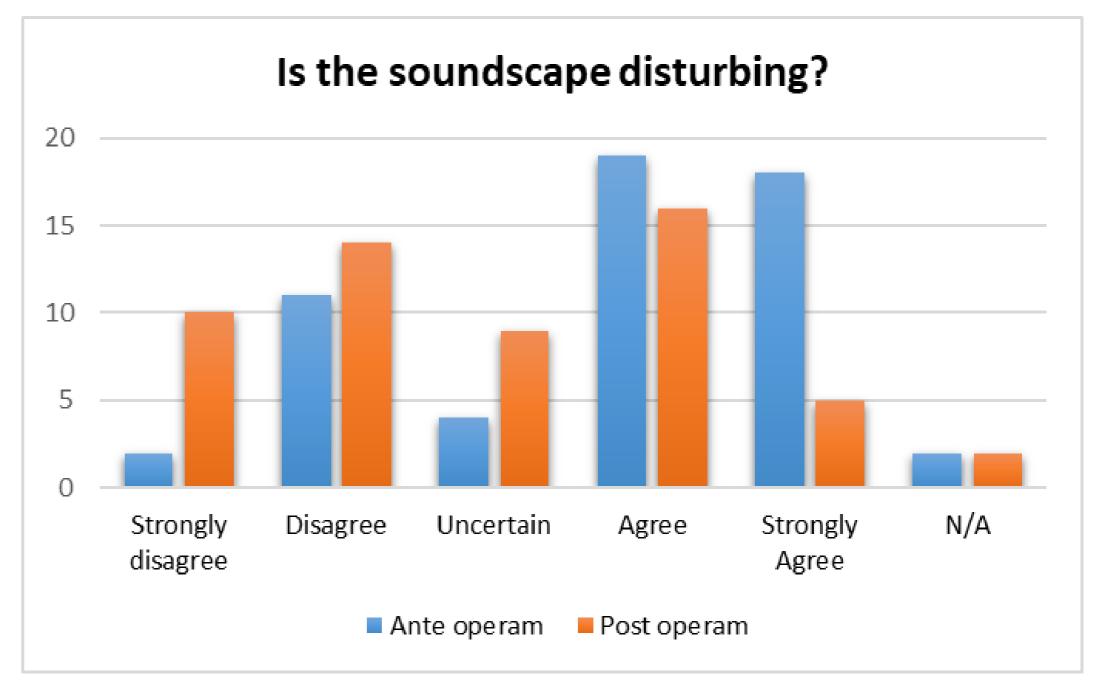


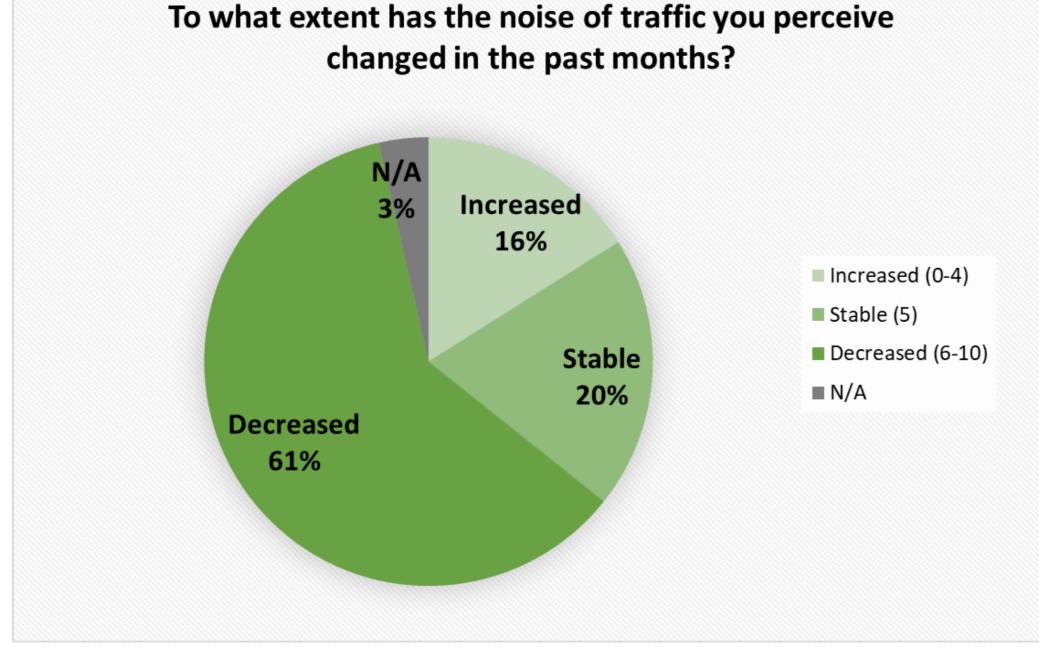
The pilot case in Florence

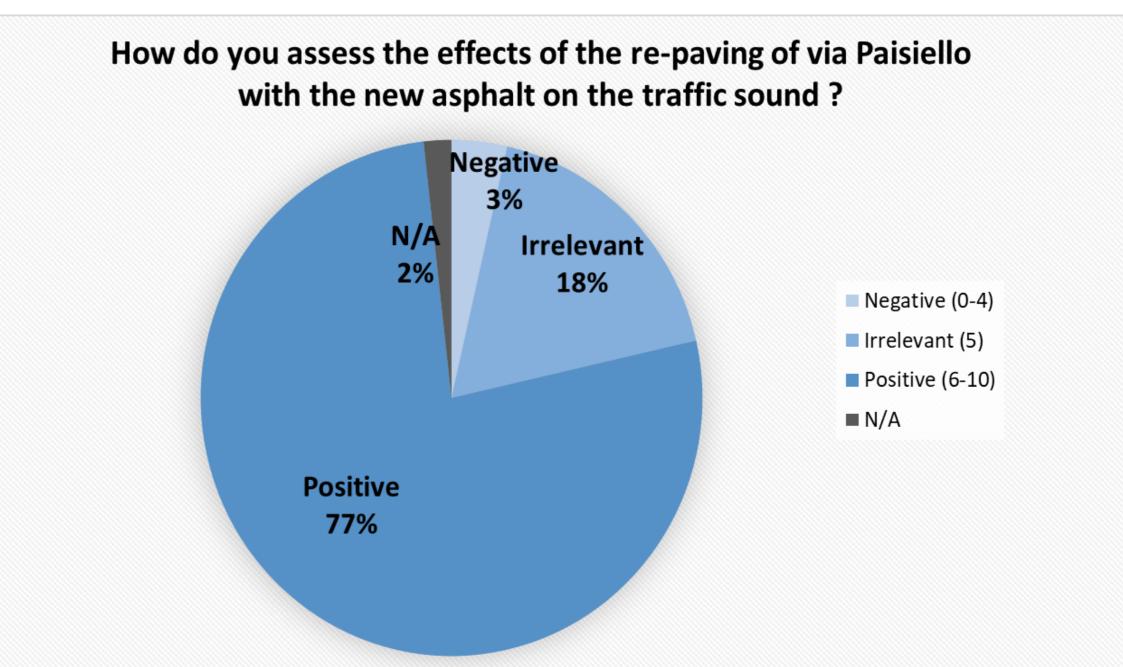












Website: https://life-evia.eu/



The sole responsibility for the content of communications/publications lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the CINEA nor the European Commission are responsible for any use that may be made of the information contained therein.



