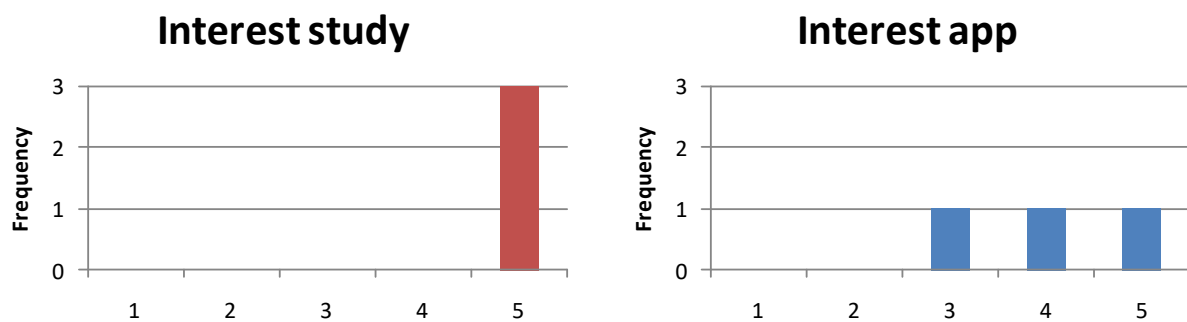


Summary of the outcomes of the survey on the use of environmental data to manage maritime traffic

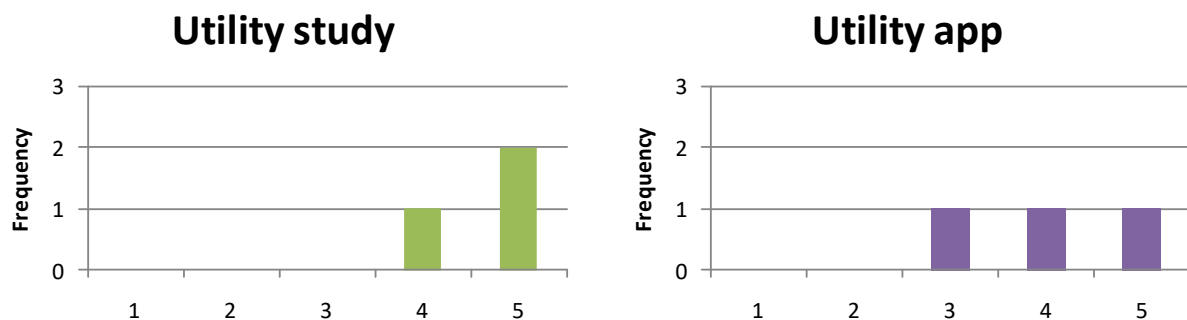
Ca' Foscari University of Venice &
University of Rijeka
September 2019

The survey on the use of environmental data to manage maritime traffic was built up as online form in Italian and Croatian languages and was sent to the port authorities of Venice and Rijeka, being stakeholders of ECOMOBILITY, and to the Vessel Traffic Service in Rijeka, interested in the assessment of the impact of ship traffic to airborne particulate. A summary of the results in local language was sent them before the compiling of the survey.

The survey includes questions about the interest of the institutions for the ECOMOBILITY activities, about the study of the impact of ship traffic to particulate matter in different size and about the development of the application for planning ecological trips. The bodies were really interested in the study on airborne particulate (100% of judgement 5/5) and showed interest also for the application (judgements from 3/5 to 5/5, 33% each).



The same activities were judged focusing on the potential utility for the body. Both activities were judged very useful, with judgements from 4/5 (33%) to 5/5 (67%) for the study of the impact of ship traffic to size-segregated aerosol and judgements from 3/5 to 5/5 (33% each) for the application.



The free comments about further studies to be conducted in the future are listed below:

- According to our legislation in power from January 1st 2020, the ships should use low sulphur fuel (0,1% S) while on berth. Will this reduce the present air pollution in the harbour area?
- According to the MARPOL convention, Annex VI, studies for controlling if ships were using fuel with low sulphur content