

ECOlogical supporting for traffic Management in cOastal areas By using an InteLlIgenT sYstem 01/01/2018 - 30/09/2019

Report on the usage of the application for planning ecological trips

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WP 5: Development and application of tools

ACT 5.4: Broadcast to public of the application for planning ecological trips



Report on the usage of the application for planning ecological trips / public

CONTRIBUTED TO THIS WORK

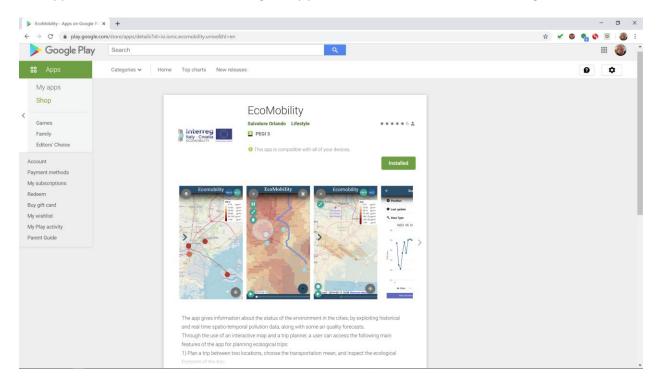
Salvatore Orlando, Ca' Foscari University of Venice

Francesco Andrea Antoniazzi, Ca' Foscari University of Venice



This deliverable analyzes and summarizes some data collected from the users of the App for planning ecological trips.

The App is available on the Android Google Play platform, as illustrated in the following screenshot:



The users were requested to kindly fill a questionary about the usage of the App.

The administered questionary was the following, for which we collected a total number of responses equal to 17.

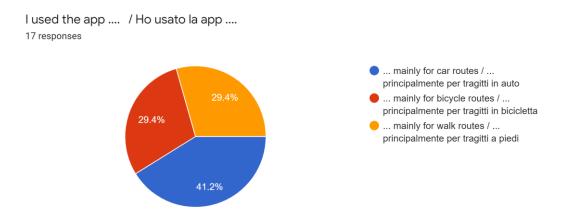


Report on the usage of the application for planning ecological trips / public

	Ease of use and graphical user interface / Facilità nell'utilizzo e veste grafica dell'interfaccia *
	1 2 3 4 5
	Bassa / Low O O O O Alta / High
Survey on the Ecomobility App /	
Questionario sulla App Ecomobility	Usefulness of the information about the measured or forecasted pollution / Utilità delle informazioni sull'inquinamento misurato o previsto *
his form is aimed at collecting feedback on the user experience in using the app developed ithin the Ecomobility Interreg Project / Questo questionario è pensato per raccogliere pinioni sull'uso della app sviluppata nell'ambito del progetto Interreg Ecomobility	1 2 3 4 5
Required	Bassa / Low O O O Alta / High
used the app / Ho usato Ia app *	Have you suggestions about new functionalities to add to the App? / Hai
mainly for car routes / principalmente per tragitti in auto	suggerimenti sulle nuove funzionalità da aggiungere alla App? *
mainly for bicycle routes / principalmente per tragitti in bicicletta	Your answer
mainly for walk routes / principalmente per tragitti a piedi	
	Have you suggestions or recommendations on how we could improve the App? Hai suggerimenti o raccomandazioni su si potremmo migliorare la App *
low often have you used the App? / Quanto spesso hai utilizzato la App? *	
More than once a week / Più che una volta a settimana	Your answer
More that once a month / Più che una volta al mese	Submit
C Less than once a month / Meno che una volta al mese	Never submit passwords through Google Forms.
	This form was constant inside of University Orl Facency Depart Alway

FIRST QUESTION

The question is aimed to know the purpose of the App usage for planning ecological trip. The majority of the respondents (41.2%) have used the App mainly for car routes.

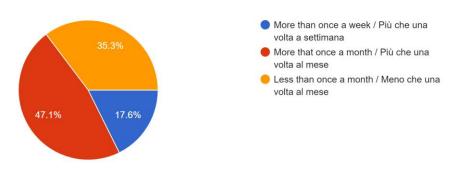




SECOND QUESTION

This question is aimed to know the frequency of usage of the App. Only a small fraction (17.6%) of the respondents have used the App more than once a week.

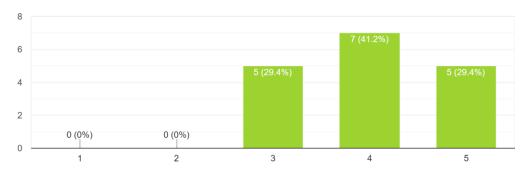
How often have you used the App? / Quanto spesso hai utilizzato la App? 17 responses



THIRD QUESTION

The question is concerned with the ease of use of the user interface. Most of the users (70.6%) have been satisfied (marks 4/5 on a scale of 5).

Ease of use and graphical user interface / Facilità nell'utilizzo e veste grafica dell'interfaccia 17 responses

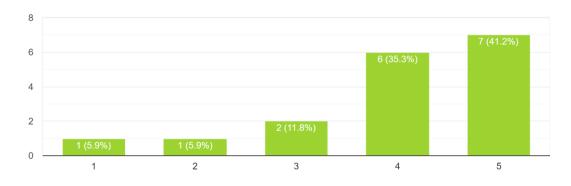




FOURTH QUESTION

The question is aimed to know if users found useful the information about the pollution (measured and forecast). The largest part of the users (76.5%) have found very useful such information (marks 4/5 on a scale of 5).

Usefulness of the information about the measured or forecasted pollution / Utilità delle informazioni sull'inquinamento misurato o previsto ¹⁷ responses



FIFTH QUESTION

This is an open question, aimed at collecting suggestions about new functionalities to add to the App. We report in the following the most significant one, translating them into Italian.

- Adding cumulative counters about the number of times in a given time span a measure was greater them the legal limits.
- Increasing the geographic area covered by the App.
- Adding alerting for single user if the pollution level is expected to be high.
- Adding some per-user information about the amount of polluted areas covered during a travel, a day, etc.



SIXTY QUESTION

This is another open question, aimed at collecting suggestions about the improvement of functionalities already implemented. We report in the following the most significant one, translating them into Italian.

- Integrating the App data with others, for example the ones collected from satellites, like <u>https://www.airvisual.com/earth</u>.
- Besides Android, support IOs too.
- With the same functionalities, add more monitoring station covering all the Veneto region.