

38% of respondents would definitely install a tracing app if one were made available

This is the result of the APPRECIATE survey, which helps determine the acceptability of contact tracing apps for Luxembourg. Respondents are in favour of apps that: operate across borders and in Europe, can be installed on a voluntary basis, and store data on the users' mobile device rather than on a central server. Results further indicate that a strong motivating factor for installing the app is the sense of responsibility towards the community.

38% of respondents would definitely install a tracing app, and 34 % would probably do so. In contrast, 11% of respondents would definitely not install such an app. As an example, the proportion of respondents that would definitely install the app was nearly 45% in the UK and France. In contrast, the estimated adoption rate is 34% in the UK, and 5 % in France.

WHAT ARE THE REASONS FOR AND AGAINST INSTALLING THE APP?

The main reasons for installing the app are feelings of responsibility towards the community (77%), and protecting family and friends (75%). Almost half of the respondents declare that a good reason for installing the app is that it may stop the epidemic. Among detractors, 43% fear greater surveillance. 40% worry about mandated self-isolation without a legitimate reason; and the same percentage fear that the app might be hacked.

Centralised system: a central server stores all anonymised identifiers, and matches infected people and contacts. Health officials are able to access the entire network of contacts of infected users.

Decentralised system: anonymized identifiers of infected contacts are stored in a server, while the anonymized identifiers stay on the local device. The app downloads the identifiers of infected users from the server and matches them with the user's contacts on the phone.

PREFERENCES REGARDING SYSTEMS, DESIGN AND RESEARCH.

56% of respondents are willing to install a decentralised app, whereas only 42 % are in favor of a centralised system. This is lower than the corresponding 72% willingness to install a digital contact tracing app, which was reported when the question did not specify any technical details.

In Luxembourg, 34% of respondents would definitely install a European app, and 19% a global interoperable app, which functions across multiple countries.

65% of respondents prefer all data to be anonymized and made available to researchers to prepare for future epidemics. It is important to note that 34 % of respondents would prefer to delete all data, probably due to privacy concerns.

All these results and more are found in the Working Paper « **Determinants of Acceptability of Contact Tracing Apps for COVID-19: Initial Results from Luxembourg** » of STATEC, published November 30, 2020.

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The publication [Working Paper « Determinants of Acceptability of Contact Tracing Apps for COVID-19: Initial Results from Luxembourg»] can be downloaded free of charge from the statistics portal.

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