

HygieneGap: Social Recovery from Pandemic via Health Status Sharing (HYGAPP)

Europe is in a pandemic emergency where tools are needed to coordinate health responses between different actors. People who were quarantined or recovered from the illness are the basis for managing the crisis and rebuilding civil society. Due to the COVID-19 shutdown China has been building a range of restrictive mobile tools for crisis management. Such digital approaches are helpful but must be adapted to a European civil society context.



Dealing with a pandemic cannot be at the expense of people's privacy and autonomy. In creating emergency infrastructure, we are also laying the groundwork for a progressive society where people have control over how to selectively disclose their health status in daily life with their peers and coordinate with existing authorities and institutional services.

The 'HygieneGap' project provides a citizen-centred digital trusted health status solution that allows actors to share their individual health status via easy-to-use smartphone app with a 'QR code' based certificate and to add trusted updates on health status. The 'HygieneGap' system uses 'QR codes' to allow citizens and authorities to exchange sensitive health status data without physically touching contaminated documents.

HygieneGap mobile app in the form of a personal e-wallet:

- keeping them informed on the latest adopted health measures,
- helping them recognise a potential infection risk based on past encounters and location history
- assisting officials in issuing health status credentials and
- assisting citizens store these credentials and prove ownership over them.

Authors of this Summary

kranenbu@xs4all.nl, jari.isohanni@upcode.fi, christian@softhook.com, jef@rezonanz.com, m.ross@digital-worx.de

Meet the HygieneGap Community:

Telegram:

<https://t.me/joinchat/PVV8JxfWegIq3SIFMuS1Gg>

GitHub:

<https://github.com/disposableidentities/healthcrisis/blob/master/README.md>

Version 1.0, 19.03.2020. Developed in the identity ecosystem of NGI Forward.