

Annex IV – Model technical implementation report

Activation of Emergency Support Instrument in response to the COVID-19 Pandemic - Adaptation of national contact tracing app and backend solutions to join the European federation gateway service

Project number:

Project acronym:

1) **Start date of the action:** 01/08/2020

2) **End date of the action:** 31/12/2020

3) **Detailed description of the action:**

The existing COVID-19 Notification app team (CoronaMelder), part of the Dutch government program “Programma Digitale Ondersteuning COVID-19” is assigned the responsibility to discuss, design, deliver, test and operate the EU interoperability of the Dutch notification app. This comprises (although not limited to):

- a) taking part of the EU working group(s) that work on the specifications of the EFGS;
- b) taking part of the working groups that discuss the interpretation of member state notifications;
- c) translation of the EFGS specifications to local (Dutch) requirements;
- d) design of the architecture for interoperability between the Dutch CoronaMelder app and the apps of other countries in Europe via the European Union’s Federation Gateway Server (EFGS);
- e) change of the existing Backend application to accommodate regions of interest;
- f) design and development of the new CoronaMelder Interop Server to accommodate sending and receiving key’s;
- g) design and development of the Exposure Key Set generator to accommodate keysets per country;
- h) design and development of changes to the existing GGD*-portal (application) to accommodate countries of interest;
- i) design and development of changes to the existing CoronaMelder iOS and Android applications to choose the countries citizens want to download keys from.
- j) design and delivery of changes to the infrastructure that connect the Dutch backend application with the EFGS;
- k) local (Dutch) functional and chain testing;
- l) testing with EFGS and member states;
- m) code review, security and penetration testing of the solution;
- n) translation of EU Data Protection Agreement to local (Dutch) standards including alignment with the Dutch Data protection authority (Autoriteit Persoonsgegevens).
- o) UX design of GGD portal and mobile apps;
- p) Training health-workers of GGD;
- q) Creating public awareness.

4) **Visibility of the action:**

- The cross-border interoperability of the CoronaMelder is now mentioned in the FAQ section of the app itself.
- Also on the CoronaMelder website [Werkt CoronaMelder ook met corona-apps uit andere landen? - Voorkom verspreiding, download CoronaMelder](#) in various languages and reference to the support of the European Commission.

5) **Date go-live connection national backend server to EFGS**

30/11/2020

6) **Modifications to initial planning (if applicable)**

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5) **Any other relevant information**

Please refer to the minutes of the eHealth Network Coordinated Action of 2/12/2020 for confirmation of Netherlands go-live.