

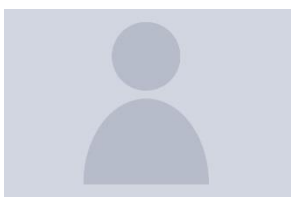
The table below has been compiled as a reference point for the main European privacy-centric initiatives and recommendations published to date.

Initiative / Recommendation	Summary	Centralised / Decentralised	Bluetooth?	Status and Link
Decentralised Privacy-Preserving Proximity Tracing ( <b>DP-3T</b> )	Open protocol for proximity tracing using Bluetooth functionality on mobile devices that ensures personal data and computation stays entirely on an individual's phone. It was produced by a core team of over 25 scientists and academic researchers from across Europe.	Decentralised	Bluetooth	Various versions published, being updated on a rolling basis.  <a href="https://github.com/DP-3T/documents">https://github.com/DP-3T/documents</a>
Pan-European Privacy-Preserving Proximity Tracing ( <b>PEPP-PT</b> )	A software system created to assist national initiatives by supplying ready-to-use, well-tested, and properly assessed mechanisms and standards.  Currently a 'closed' initiative, with little by way of published details of how the software works.  Criticised by DP-3T for lack of transparency.  Reportedly feeding into apps for France, Italy and Germany, among others	Centralised	Bluetooth	Software in development, with contributions encouraged.  <a href="https://www.pepp-pt.org/">https://www.pepp-pt.org/</a>
European Data Protection Supervisor ( <b>EDPS</b> )	Statement calling for a pan-European approach to development of contact tracing apps.	N/A	N/A	Published 6 April 2020  <a href="https://edps.europa.eu/sites/edp/files/publication/2020-04-06_eu_digital_solidarity_covid19_en.pdf">https://edps.europa.eu/sites/edp/files/publication/2020-04-06_eu_digital_solidarity_covid19_en.pdf</a>
European Commission Toolbox and Guidance	EU guidance for the use of mobile apps for contact tracing in response to the coronavirus pandemic. Part of a common coordinated approach to support the gradual lifting of confinement measures.  It includes:  - recommendations to develop a common EU toolbox for “the use of technology and data to combat and exit from the COVID-19 crisis” (the "Recommendations")	Recommends decentralised models	Recommends Bluetooth models	Published 6 and 8 April 2020  <a href="https://ec.europa.eu/commission/presscorner/detail/en/ip_20_670">https://ec.europa.eu/commission/presscorner/detail/en/ip_20_670</a>  Published on 6 April 2020  <a href="https://ec.europa.eu/info/sites/info/files/recommendation_on_apps_for_contact_tracing_4.pdf">https://ec.europa.eu/info/sites/info/files/recommendation_on_apps_for_contact_tracing_4.pdf</a>

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	- a toolbox, released by the EU's eHealth Network called "Mobile applications to support contact tracing in the EU's fight against COVID-19; Common EU Toolbox for Member States" (the "Toolbox").			Published on 8 April 2020 <a href="https://ec.europa.eu/info/sites/info/files/recommendation_on_apps_for_contact_tracing_4.pdf">https://ec.europa.eu/info/sites/info/files/recommendation_on_apps_for_contact_tracing_4.pdf</a>
European Data Protection Board (EDPB)	Open letter setting out EDPB's views on the development of legally compliant apps and the need for a co-ordinated European approach  Guidelines 04/2020 on the use of location data and contact tracing tools in the context of the COVID-19 outbreak  Guidelines 03/2020 on the Processing of Data Concerning Health for the Purpose of Scientific Research in the Context of the Covid-19 Outbreak (the Scientific Research Guidelines),	Recommends decentralised models	Recommends Bluetooth models	Published 14 April 2020 <a href="https://edpb.europa.eu/sites/edpb/files/files/file1/edpbletterecadvicecodiv-appguidance_final.pdf">https://edpb.europa.eu/sites/edpb/files/files/file1/edpbletterecadvicecodiv-appguidance_final.pdf</a>  Published on 21 April 2020 <a href="https://edpb.europa.eu/sites/edpb/files/files/file1/edpb_guidelines_20200420_contact_tracing_covid_with_annex_en.pdf">https://edpb.europa.eu/sites/edpb/files/files/file1/edpb_guidelines_20200420_contact_tracing_covid_with_annex_en.pdf</a>  Published on 21 April 2020 <a href="https://edpb.europa.eu/sites/edpb/files/files/file1/edpb_guidelines_202003_healthdatascientificresearchcovid19_en.pdf">https://edpb.europa.eu/sites/edpb/files/files/file1/edpb_guidelines_202003_healthdatascientificresearchcovid19_en.pdf</a>
UK Information Commissioner (ICO)	Opinion on Apple and Google joint initiative on COVID-19 contact tracing technology	Centralised	Bluetooth	Published on 17 April 2020 <a href="https://ico.org.uk/media/about-the-ico/documents/2617653/apple-google-api-opinion-final-april-2020.pdf">https://ico.org.uk/media/about-the-ico/documents/2617653/apple-google-api-opinion-final-april-2020.pdf</a>
NHSX	Blog: Digital contact tracing: protecting the NHS and saving lives			Published on 24 April 2020 <a href="https://www.nhsx.nhs.uk/blogs/digital-contact-tracing">https://www.nhsx.nhs.uk/blogs/digital-contact-tracing</a>

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				<a href="#">tracing-protecting-nhs-and-saving-lives/</a>
The French Data Protection Authority (CNIL)	<p>Coronavirus (Covid-19): reminders from the CNIL on the collection of personal data</p> <p>Opinion on the development of the 'StopCovid' contact tracing app</p>	Centralised	Bluetooth	<p>Published on 6 March 2020</p> <p><a href="https://www.cnil.fr/fr/coronavirus-covid-19-les-rappels-de-la-cnil-sur-la-collecte-de-donnees-personnelles">https://www.cnil.fr/fr/coronavirus-covid-19-les-rappels-de-la-cnil-sur-la-collecte-de-donnees-personnelles</a></p> <p>Published on 26 April 2020</p> <p><a href="https://www.cnil.fr/sites/default/files/atoms/files/deliberation_du_24_avril_2020_portant_avis_sur_un_projet_dapplication_mobile_stopcovid.pdf">https://www.cnil.fr/sites/default/files/atoms/files/deliberation_du_24_avril_2020_portant_avis_sur_un_projet_dapplication_mobile_stopcovid.pdf</a></p>
Germany Datenschutzkonferenz	Resolution on data protection principles	Decentralised	Bluetooth	<p>Published on 3 April 2020</p> <p><a href="https://www.datenschutzzentrum.de/uploads/dsk/20200403-DSK-Entschliessung_Pandemie.pdf">https://www.datenschutzzentrum.de/uploads/dsk/20200403-DSK-Entschliessung_Pandemie.pdf</a></p>

## KEY CONTACTS



### DR. NATHALIE MORENO

Partner

+44 (0)20 7160 3179

+44 (0)7921985931

[nathalie.moreno@addleshawgoddard.com](mailto:nathalie.moreno@addleshawgoddard.com)

addleshawgoddard.com

Aberdeen, Doha, Dubai, Edinburgh, Glasgow, Hamburg, Hong Kong,  
Leeds, London, Manchester, Muscat, Singapore and Tokyo\*

\*a formal alliance with Hashidate Law Office

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