The rise of contract tracing Apps

Prof. Dr. Willem Jonker
CEO EIT Digital

STOA roundtable, July 7, 2020

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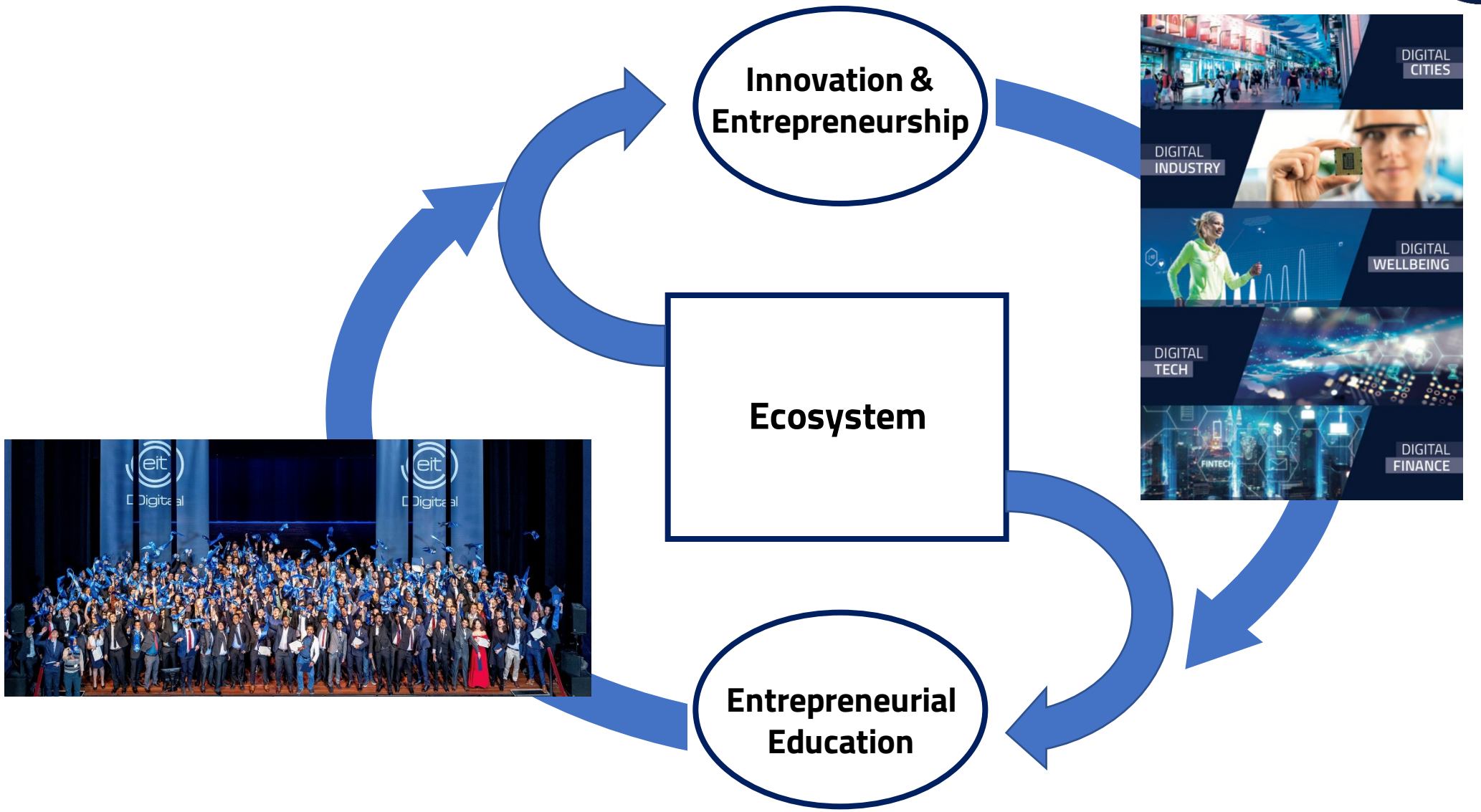

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CONTACT TRACING APPS
KEY CHALLENGES

- TECHNICAL
  - Provide a secure technical solution
- ETHICAL / SOCIETAL
  - Acceptance especially when it comes to privacy
- LEGAL
  - Regulation of data usage and access
- POLITICAL
  - Rights and roles of government, citizens, and tech firms

PHONE BASED CONTACT TRACING APPS *KEY ISSUES*

- TECHNICAL
  - Difficult to guarantee security in complex mobile phone SW/HW setting
- ETHICAL / SOCIETAL
  - Privacy and anonymity difficult to assure with mobile phone
- LEGAL
  - Hard to achieve in current tech landscape
- POLITICAL
  - European sovereignty

Apple is locked in a power battle with the UK, France, and Germany about how COVID-19 should be tracked

Shona Ghosh

25 Apr 2020

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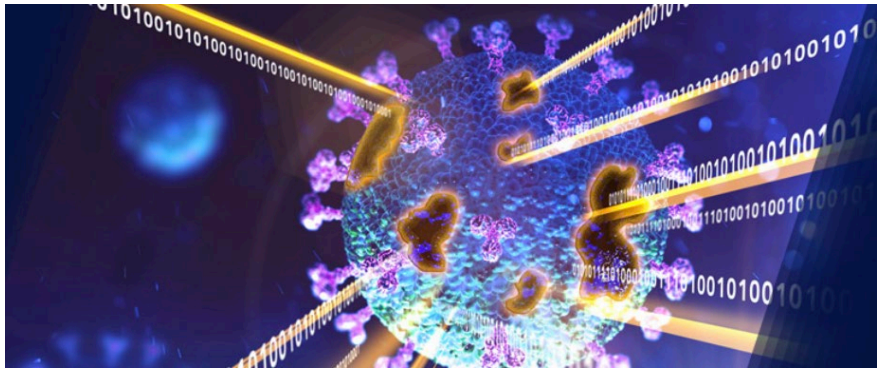
- There's a power battle between the UK, Germany, and France on one side and Apple and Google on the other about coronavirus contact-tracing.
- Like other countries, the UK, Germany, and France are creating apps that will track people who report COVID-19 symptoms or test positive and then alert those they have had contact with.
- The fight centers on how much data these apps gather up and where that information is stored, with Apple and Google pushing for a more privacy-friendly approach.
- If France, Germany, and the UK try and roll out their apps in defiance of Apple and Google, there's a good chance they won't work properly, particularly on iPhones.
- Visit Business Insider's homepage for more stories.

Foto: Getty Apple CEO Tim Cook and French president Emmanuel Macron

The UK, France, and Germany are locked in a power battle with Apple and Google over the way COVID-19 should be tracked via apps.

TOKENS
DATA against COVID-19



Les Echos

En direct Le Journal

Le chemin de croix de l'appli StopCovid

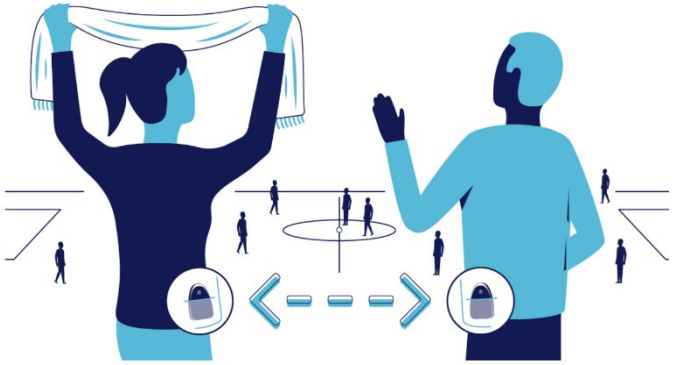
Ce devait être l'une des clés du déconfinement. Mais entre problèmes technologiques, luttes internes et divergences entre pays, l'application StopCovid est devenue un cauchemar pour ses initiateurs et un boulet politique pour l'exécutif.

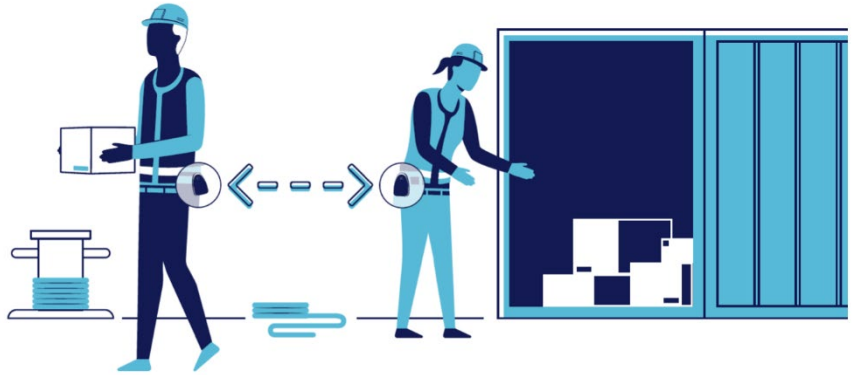
Mais elle inquiète aussi les défenseurs des libertés publiques et les Français . « *L'intérêt européen pour les apps s'est éveillé dès février*, confirme Willem Jonker, le patron d'EIT Digital, l'Institut européen d'innovation et de technologie, qui conseille la Commission européenne. *Mais, bien sûr, l'Europe n'est pas l'Asie. Et le principal défi en Europe, c'est l'acceptation par le grand public. Pour cela, deux choses sont très importantes : le respect de la vie privée et la facilité d'utilisation.* »

- SIMPLE USE
- MORE ACCURATE
- SECURE
- PRIVATE – NO PERSONAL DATA
- EUROPEAN SOLUTION

FOUR PILOTS

DATA against COVID-19





https://www.eitdigital.eu/newsroom/news/article/join-efforts-to-develop-covid-19-contact-tracing-using-physical-tokens/

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