

SUNE LEHMANN

Research on contact tracing
and blue tooth tracking @DTU

Every country
wants an APP

Blue Tooth
based TECH



Phones send and receive
codes from each other at
close contact and record
what they have experienced

APP is an invasive solution
we only accept it because...

1. Extraordinary events
2. High trust in government
3. Only for a short time

unknown effect
only supplement
to human
tracking

Allows detailed
surveillance of
specific groups
of citizens
unclear who benefits
most - people or
government?

most - people or
government?

most - people or
government?

RIKKE FRANK
JØRGENSEN
Human rights lawyer & activist

Available to
all NOW
Decentralised
storage

On device
processing

Doesn't track your
movements or
personal contacts

Fully
anonymous

Not used for
limiting speech or gathering

Collection of
personal
(NemID)

central
storage of
data

GPS location
tracking

Collection of
personal
contacts &
behaviour

Made by
Netcompany

Delayed
cost 10 mil
DKK

A few days later
Denmark chose
to use Apple-Google
solution

POOOF!

MY HUMAN
RIGHTS

Instead we
should choose...

Only Need-to-
know data
Only transparent
and volunteer
solution

STINUS LINDGREN

Politician, Radikale, Health Committee

Data is good

Research
is good

Scope is of the
outmost
importance

Infection
tracking
only

No scope
creep

Voluntary

Data
minimization

Terminated
after end of
pandemic

verified
infection
status by CPR

Clear
deliniated
purpose

Able to work with
other EU Apps to
stop international
transmissions

BOOM!

DATA

Different
research

Different
purpose

Different
data

SSI

CORONA-APP: FUNCTIONAL OR INVASIVE



Graphic recording by Julia Sommer

13. Maj 2020
IDA
Danish Society of Engineers

CONCLUSION:
App - a "definitely-maybe"
solution

TOO many
unknowns!
False positive?
How effective
is it?
False negative?
How many %
downloads are
necessary?
What are long
term risks?

We need a
balanced
lawfull approach

POP

Moderator Pernille Tranberg