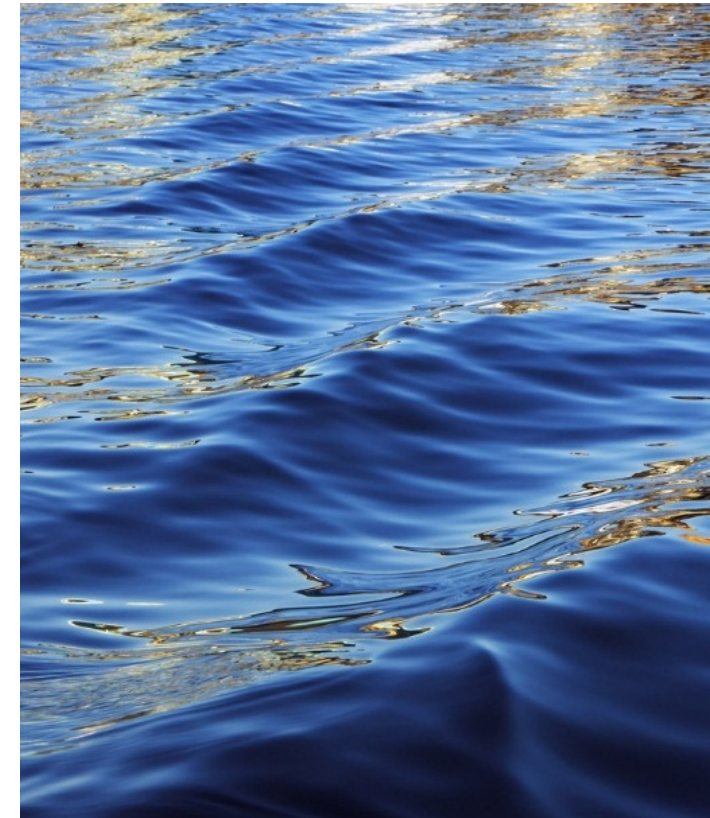


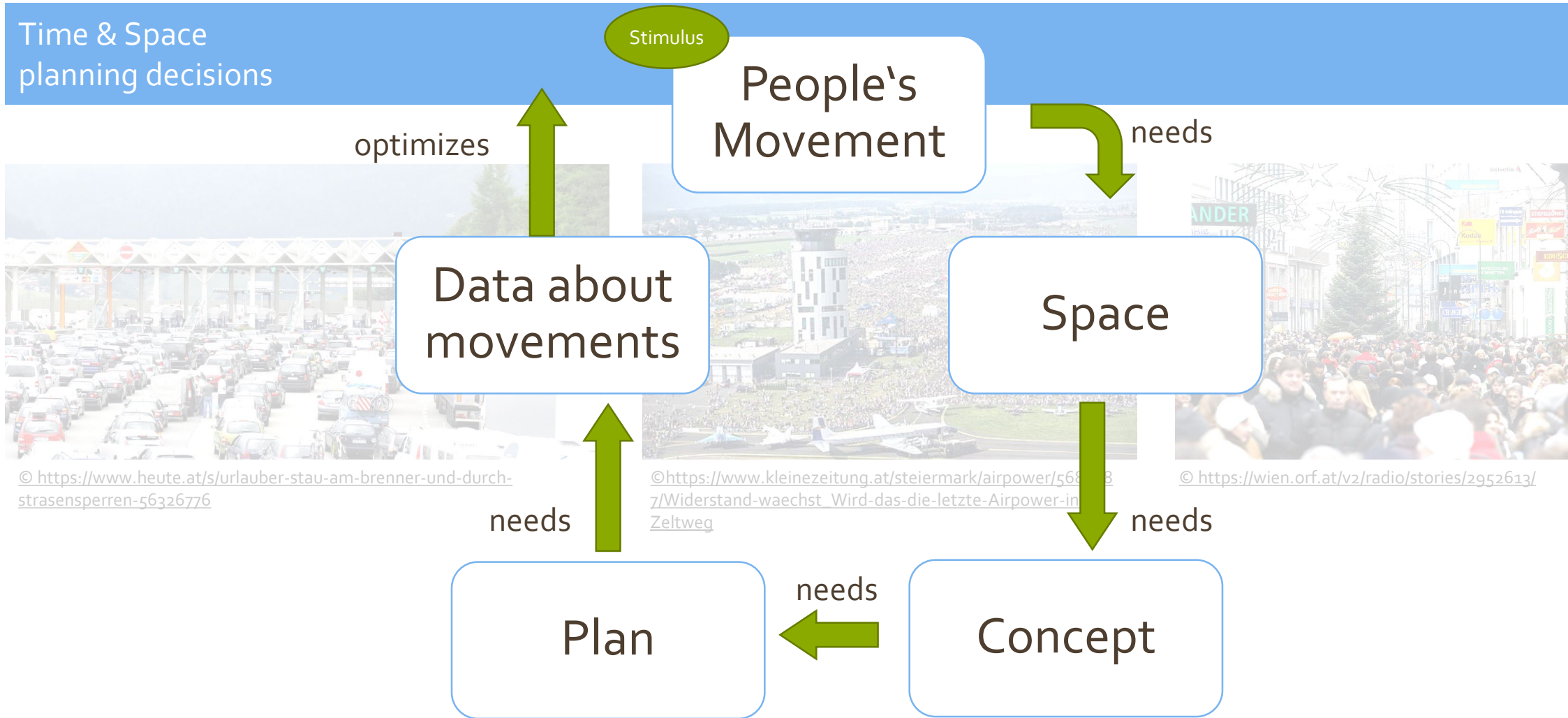
ITS Webinar on Tracking & Tracing Apps

2020-09-29



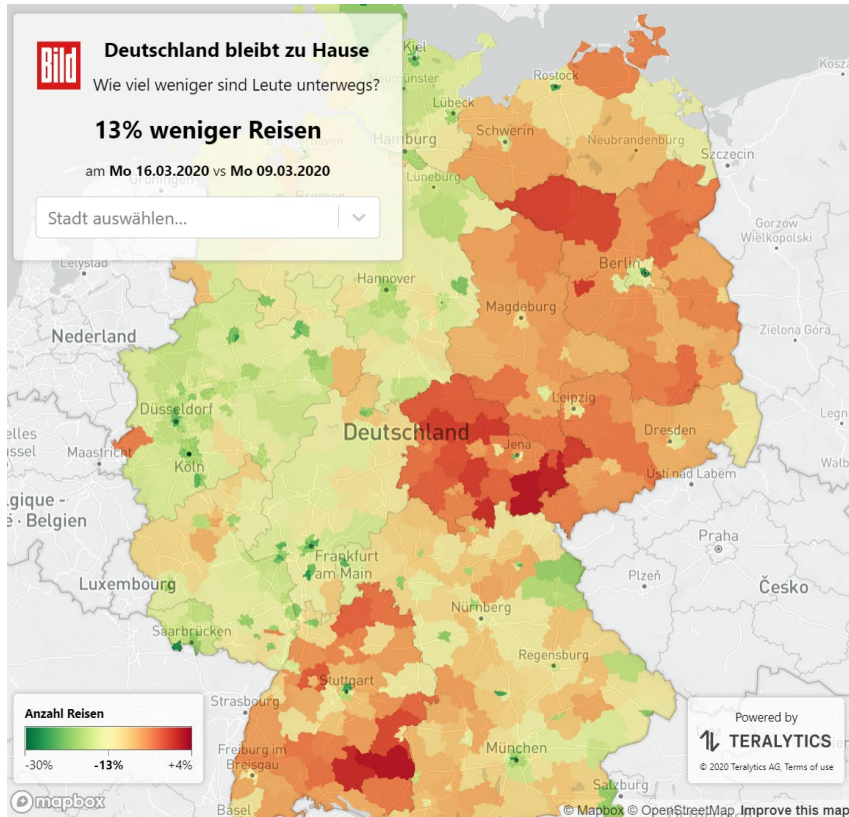
Why location data matters?

It enables a root cause analysis of the stimulus which led to people's movement.



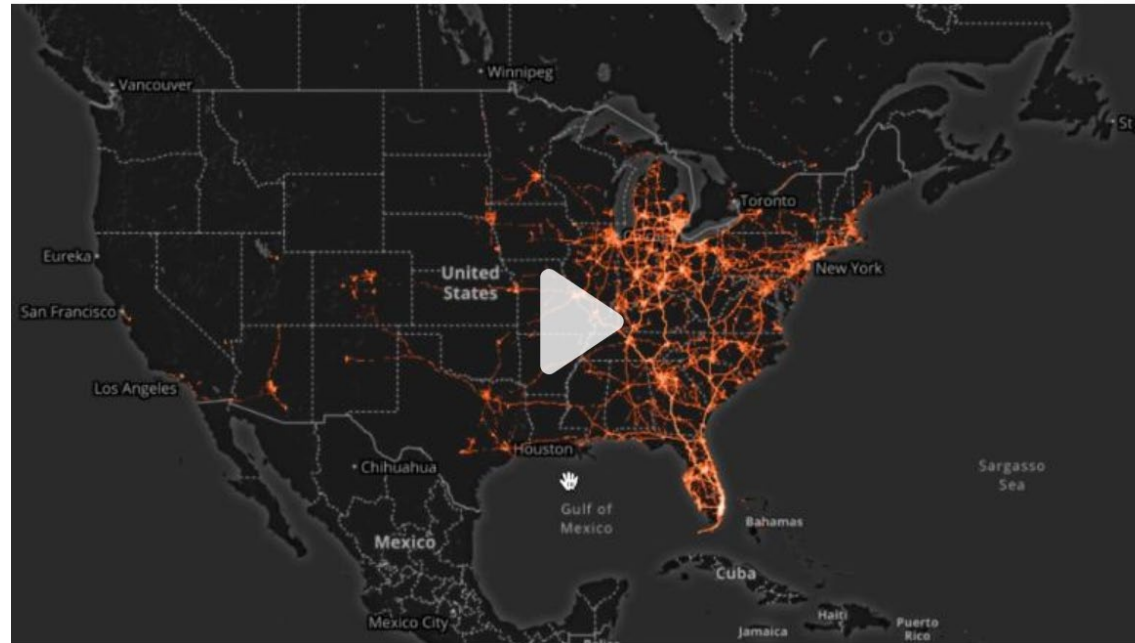
How mobile floating phone data can be used for ex-post mobility analysis.

Telefonica Germany + Teralytics:




Source: <https://deutschland-bleibt-zu-hause.teralytics.net/>

Xmode (US) + AWS for data access:



Source: <https://edition.cnn.com/videos/business/2020/04/03/coronavirus-device-tracking-xmode-pandemic-orig.cnn-business>

 **USA COVID-19 Daily Geolocation Data for Greater Good (Researchers Only)**
Sold by X-Mode
Free | 1 month subscription available.
covid-19, covid, coronavirus, united states, pandemic, healthcare, analysis, geolocation, research

Source: <https://aws.amazon.com/marketplace/seller-profile?id=4e8835bd-89dc-4ae7-818d-52c22fedcbb9>

Data Privacy and Mobility Analysis

	PRIVACY BY DESIGN STRATEGY	DESCRIPTION
1	Minimize	The amount of personal data should be restricted to the minimal amount possible (data minimization).
2	Hide	Personal data and their interrelations should be hidden from plain view.
3	Separate	Personal data should be processed in a distributed fashion, in separate compartments whenever possible.
4	Aggregate	Personal data should be processed at the highest level of aggregation and with the least possible detail in which it is (still) useful.
5	Inform	Data subjects should be adequately informed whenever processed (transparency).
6	Control	Data subjects should be provided agency over the processing of their personal data.
7	Enforce	A privacy policy compatible with legal requirements should be in place and should be enforced.
8	Demonstrate	Data controllers must be able to demonstrate compliance with privacy policy into force and any applicable legal requirements.

Table 1: Privacy by design strategies [6]

Source: <https://www.enisa.europa.eu/publications/big-data-protection>



Compliance with data privacy principles & laws (eg. GDPR)

Transparent IT processes along the data processing value-chain

Secure IT infrastructure

National Data Protection Officers

Certificates (eg. TÜV)

External Auditors