



Data Protection and Privacy Policies: A Snapshot

18 ZETTABYTES

total data created, captured or replicated so far

175 ZETTABYTES

total data market size to touch by 2025

2.5 QUINTILLION

data created each day at our current pace

40,000

searches by processed by Google every second

90%

of this data generated in last two years

1.5 BILLION

people active on Facebook every day

66%

of the world's population now own a mobile phone



**THE WORLD
IS AWASH
WITH DATA
TODAY**

WHAT DOES RESPONSIBLE DATA PROTECTION POLICY ENTAIL?



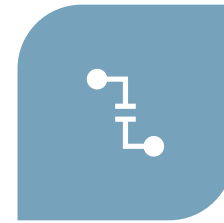
Judicious balance between national security and individual privacy



Data security from hackers and malicious elements



Access to data at all times, including wars times

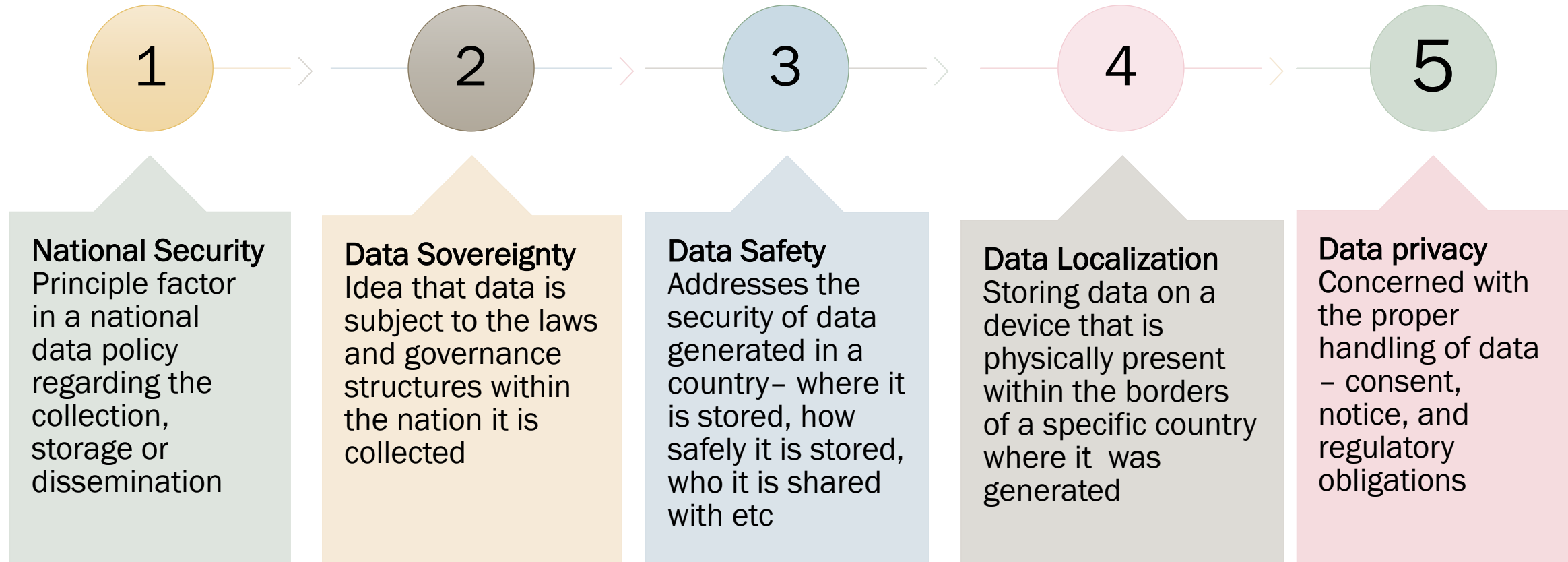


Prevention of misuse of data by profiteering entities



Facilitating data economy with free flow of data with guidelines and protocols

WHAT THE DATA PROTECTION PILLARS MEAN?



WHY THE RAGING DEBATE ON DATA PRIVACY?

HOW OUR PRIVACY IS BEING INFRINGED?

- Android phones have access to all private data
- Apps surreptitiously gaining access to this data
- Cars collecting data for our driving patterns
- Laptops/phones recording videos without permission
- 24x7 location tracking



ALL THIS DATA IS BEING USED TO INFLUENCE THINGS LIKE:

- Our voting patterns
- Social media feeds
- Online buying
- Insurance choices



DATA PROTECTION LAWS ACROSS THE WORLD

58%

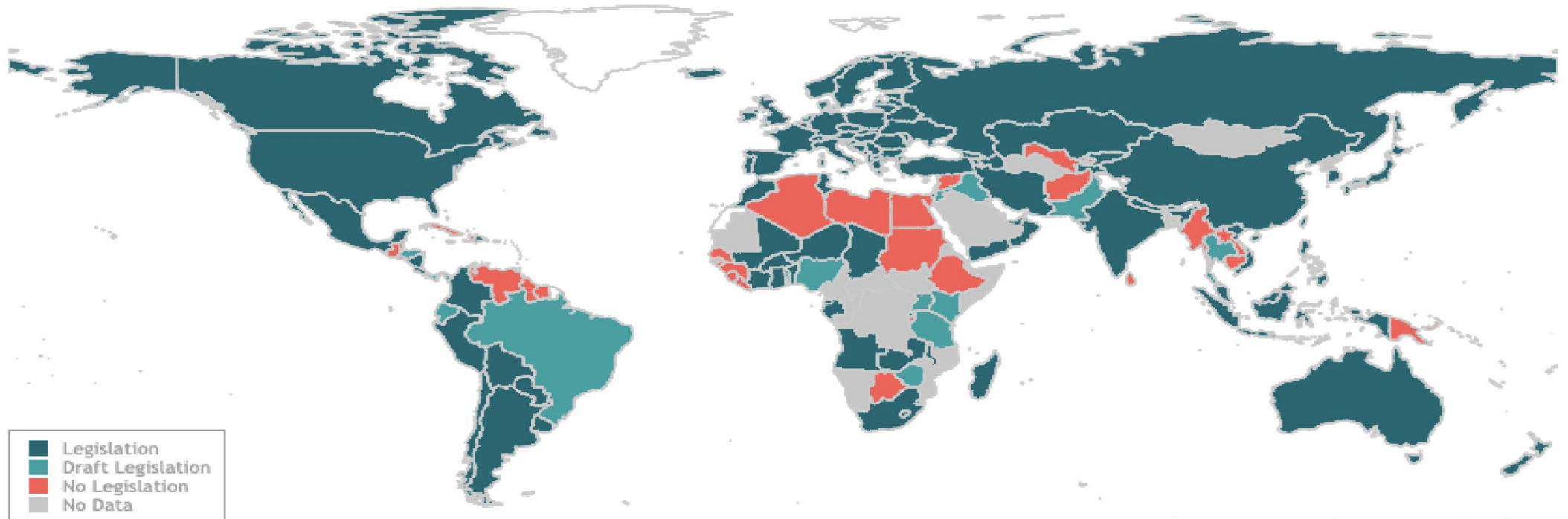
COUNTRIES WITH
LEGISLATION

10%

COUNTRIES WITH
DRAFT LEGISLATION

21%

COUNTRIES WITH
NO LEGISLATION



Source: UNCTAD, 27/03/2019

WHAT IS THE ROLE OF NATIONAL GEOSPATIAL AGENCIES?

NGAs should be part of talks with govts, civil society and businesses

Geospatial information have for long been considered integral part of national security

Growth in location data and its value making it an important aspect

Pervasiveness of location/geospatial data in business and governance data

Non-geospatial agencies don't usually understand use and value of spatial data

Often leads to policies that hinders growth of geospatial as well as user industries



THANK YOU!

