

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

Policymaking to enable data sharing for sustainable urban mobility

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 **wbcscsd**
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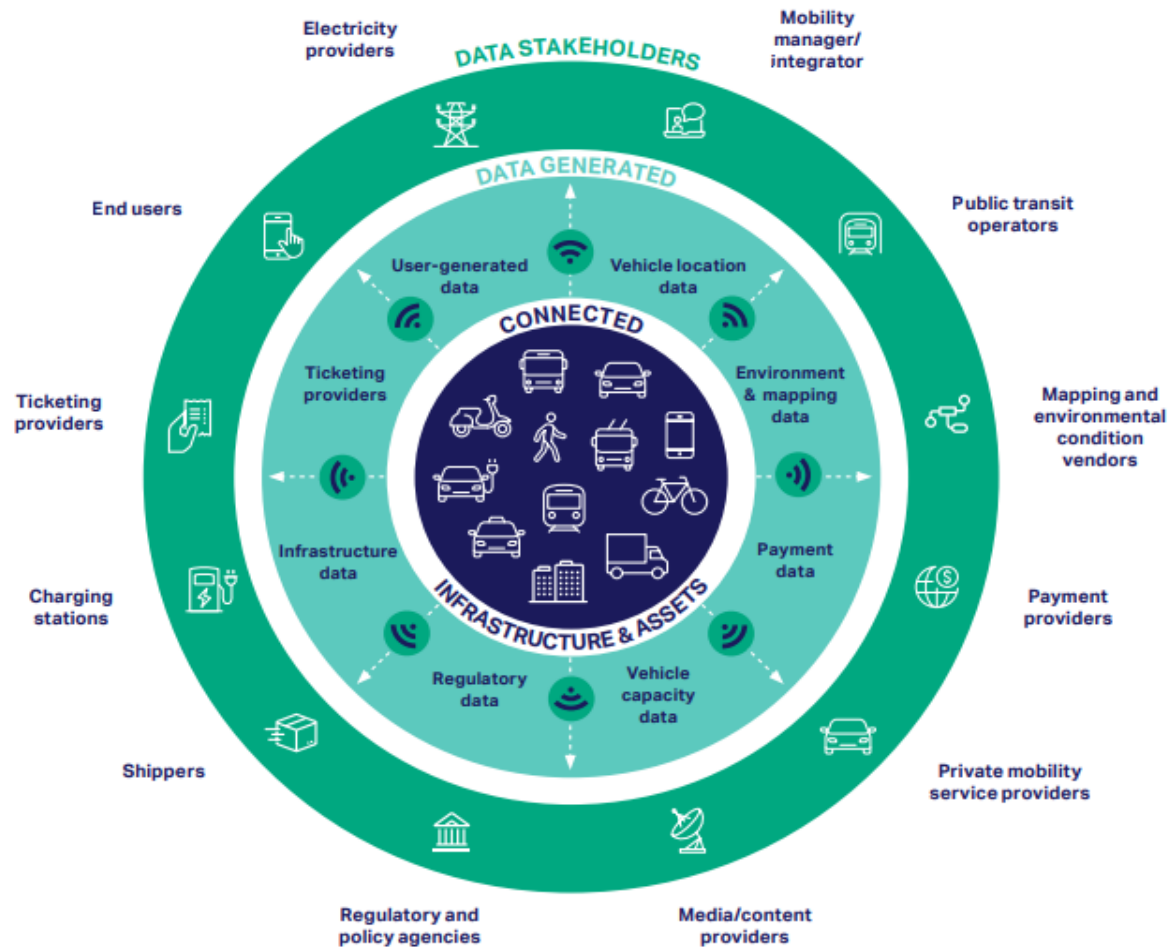


Business leadership for a sustainable future .

World Business Council for Sustainable Development (WBCSD)

200 global companies united around a common vision
creating a world in which over 9 billion people are all living well
and within planetary boundaries by 2050

Overcoming barriers to data sharing can help realize significant value



High potential for change

Multiple use-cases (regulatory & oversight, planning and operations)

MaaS: Global MaaS market estimated to reach > USD 200 Billion¹ by 2026.

Micromobility: Despite COVID, micromobility is expected to make a comeback in the mid- to –long term, recovering to pre-crisis levels²

V2X connectivity/ITS: The value of vehicle-generated data alone could create a total revenue of pool of USD 450 – 700 billion by 2030². Global “Intelligent Mobility” market could be worth around GBP 900 billion by 2025³

Barriers to data sharing

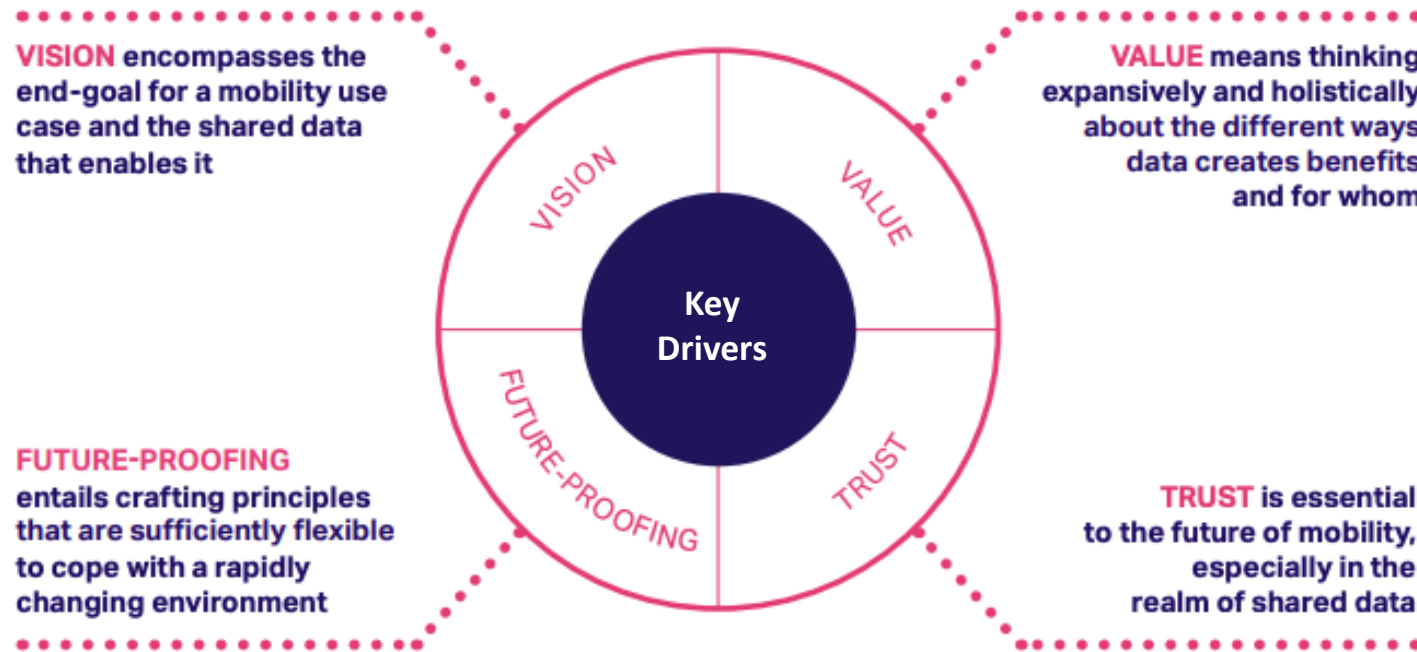
Privacy & Ethics

Interoperability

Cybersecurity

Competition

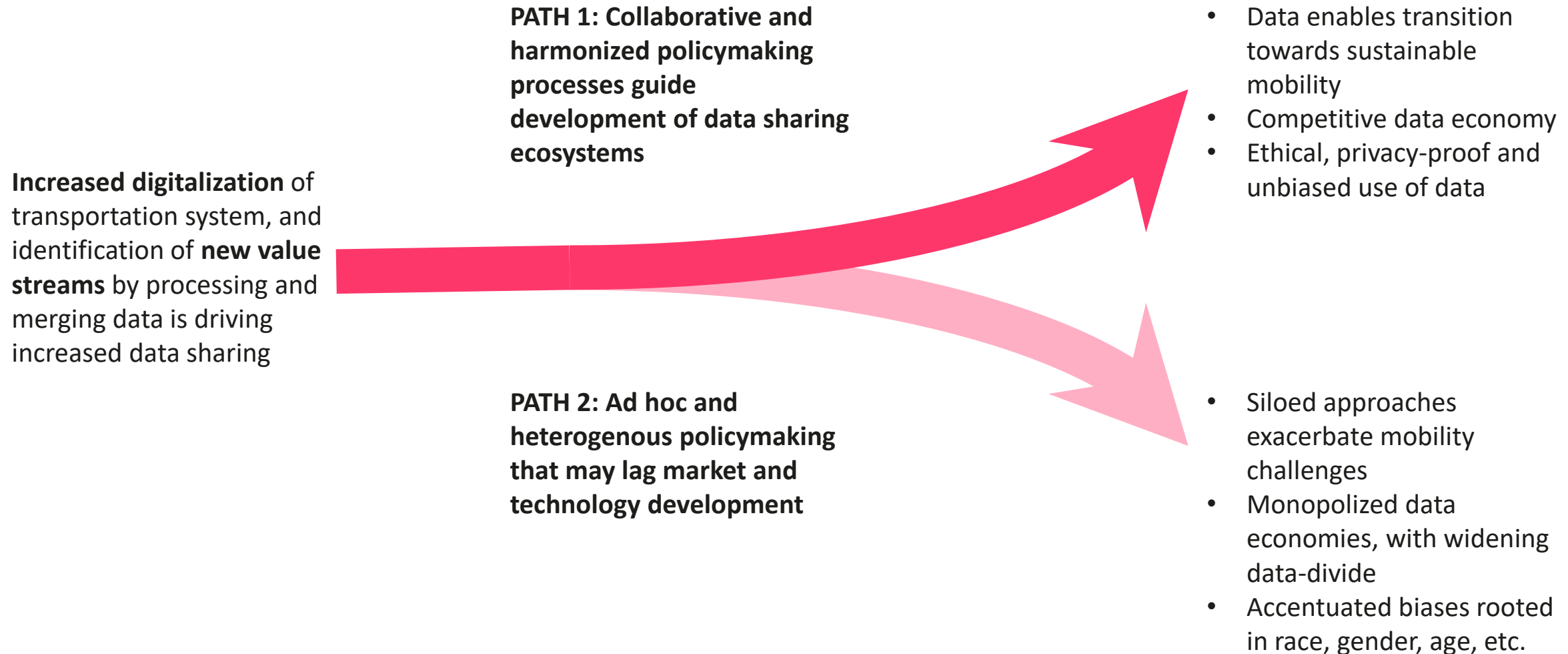
Five principles to guide data sharing models and architecture



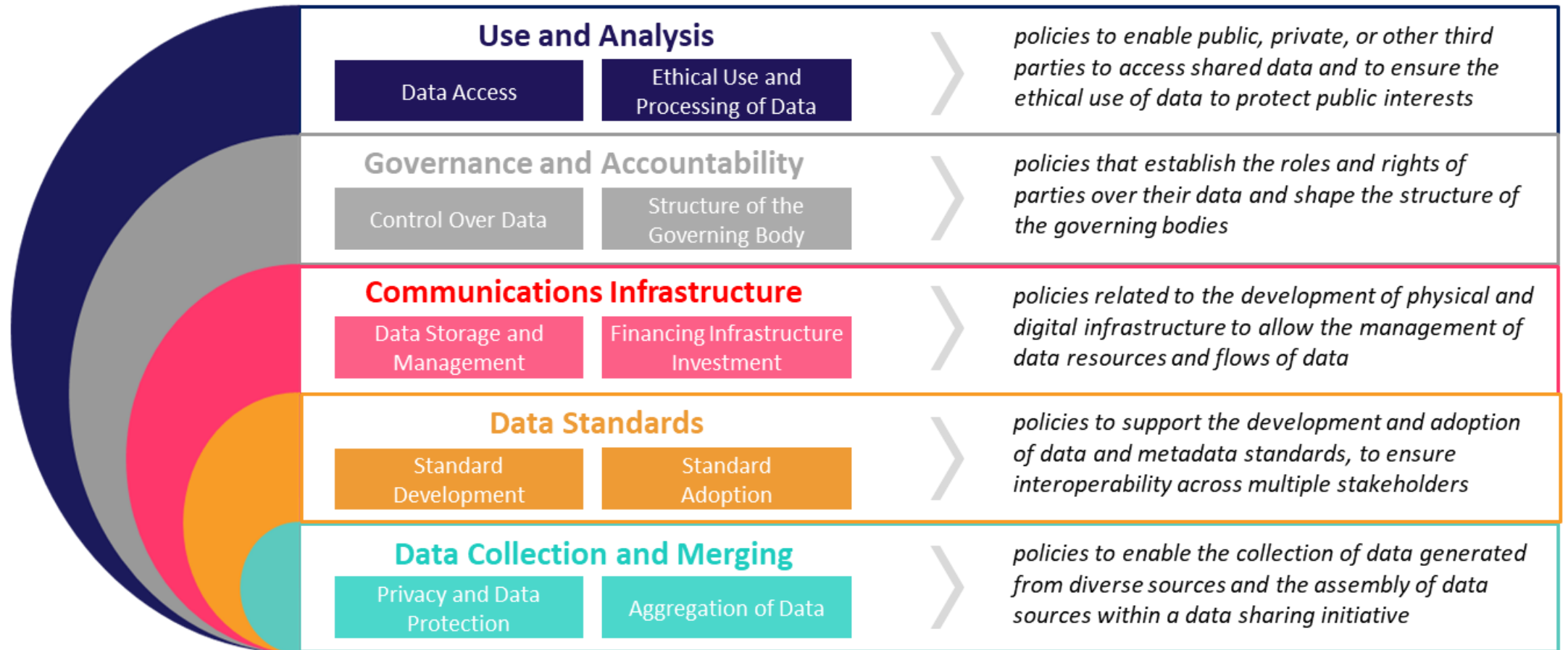
EMERGING PRINCIPLES FOR DATA-SHARING

- 1 Data-sharing should enable all stakeholders to create and capture value
- 2 Data-sharing must be ethical, inclusive and unbiased
- 3 Data-sharing should incorporate privacy by design
- 4 Data-sharing should embrace cyber-security by design
- 5 Data-sharing should be adaptive and iterative

Policymaking is essential to harness the potential of data-sharing while minimizing negative externalities



As part of the SUM4ALL consortium, we are defining a policy framework to enable data sharing in the mobility sector



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