

Why do we need a sustainable digitization?

Smart Green Infrastructure

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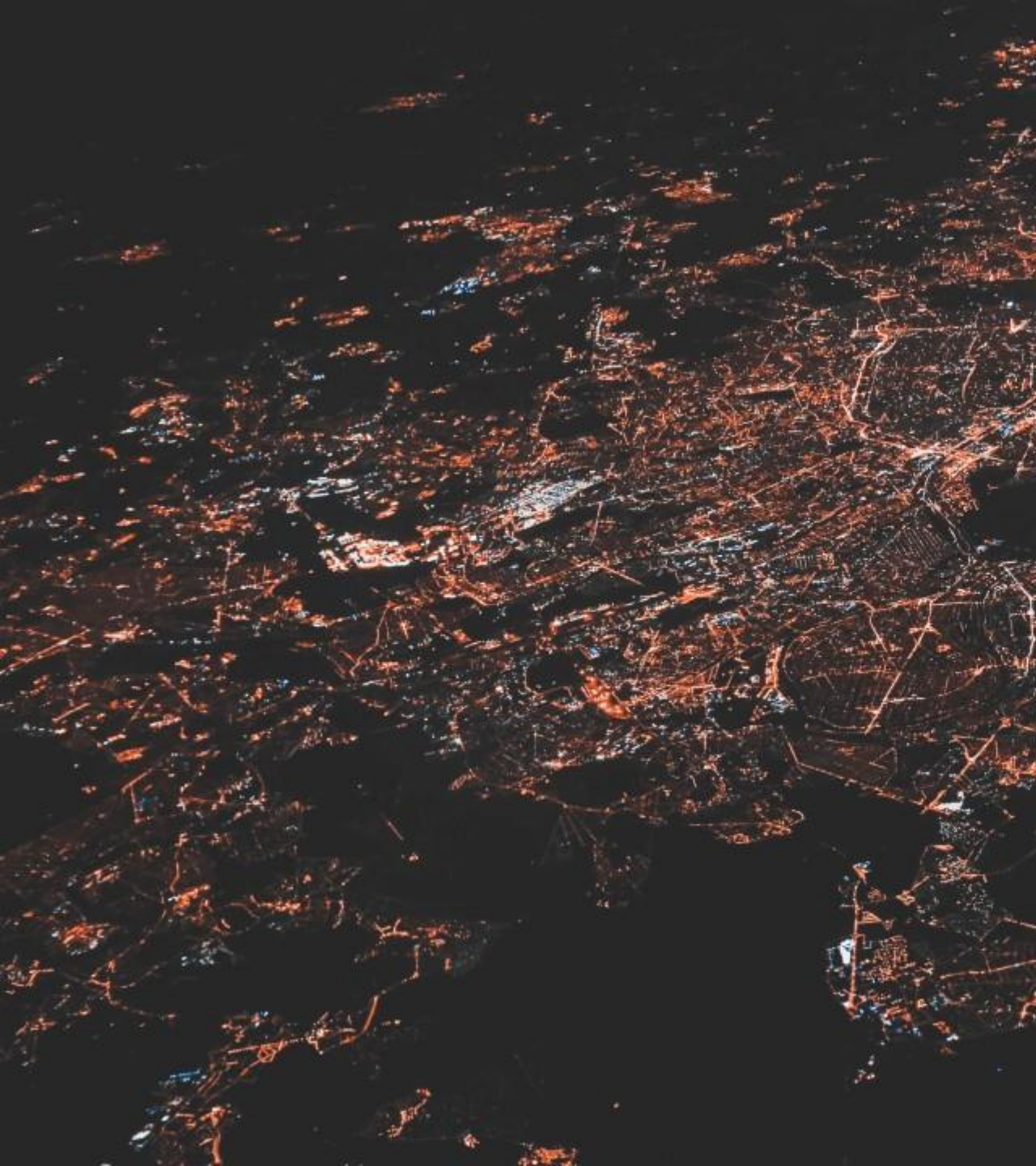
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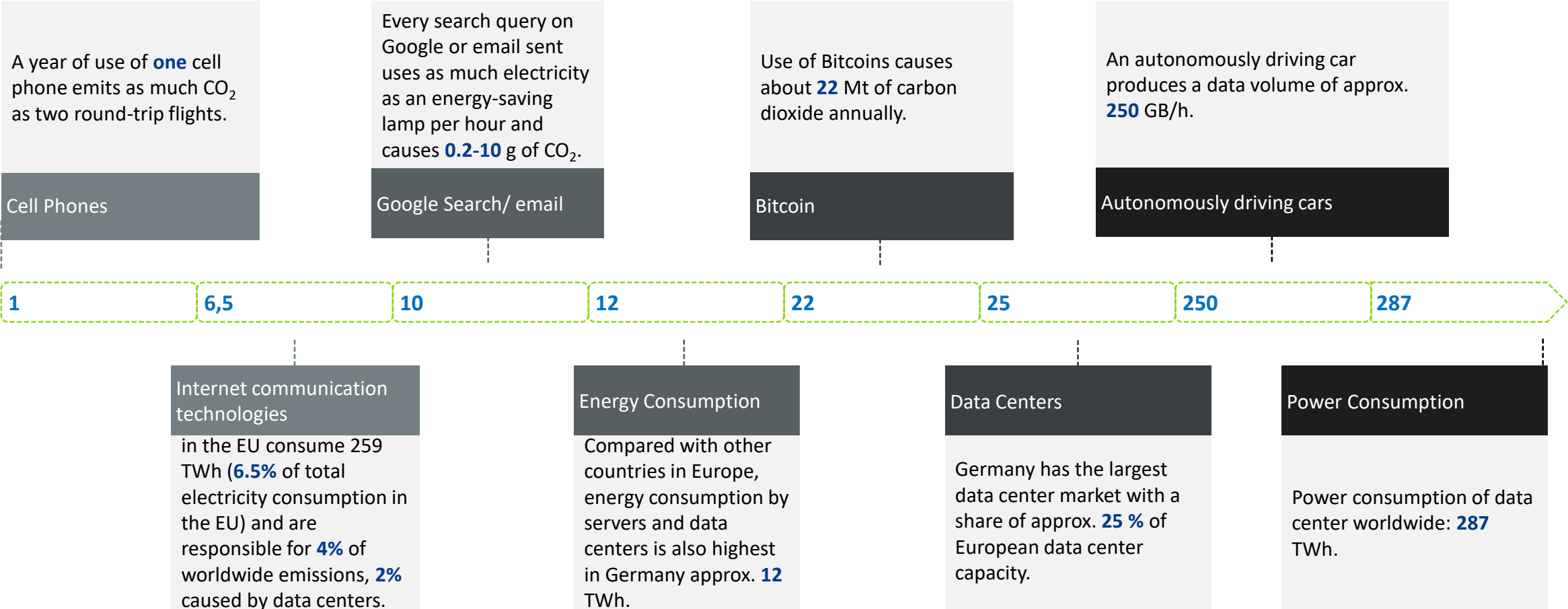
Joined Instagram with 93.





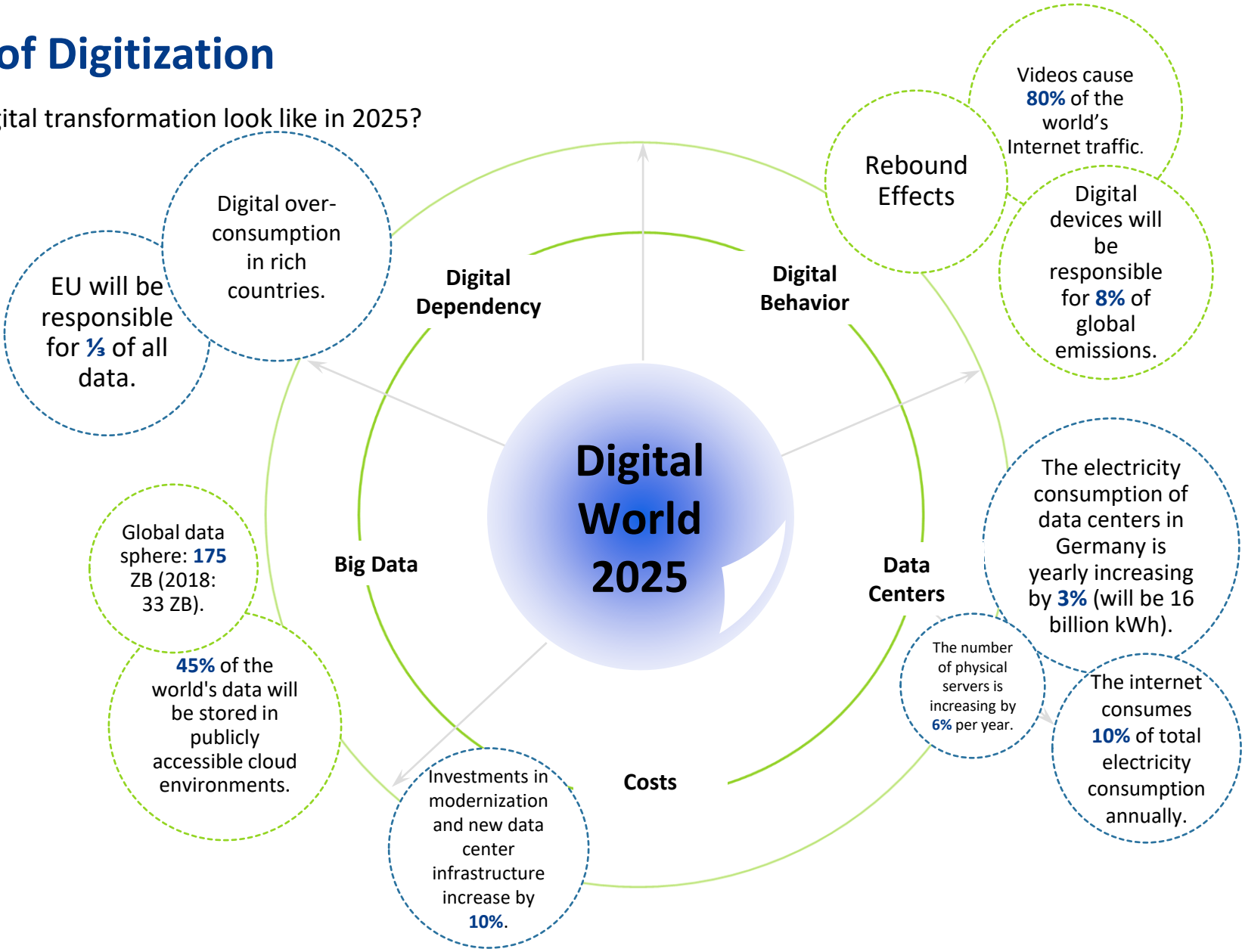
Increasing Digitization

The increasing digitization in all areas is resulting in an increasing need for processing power.



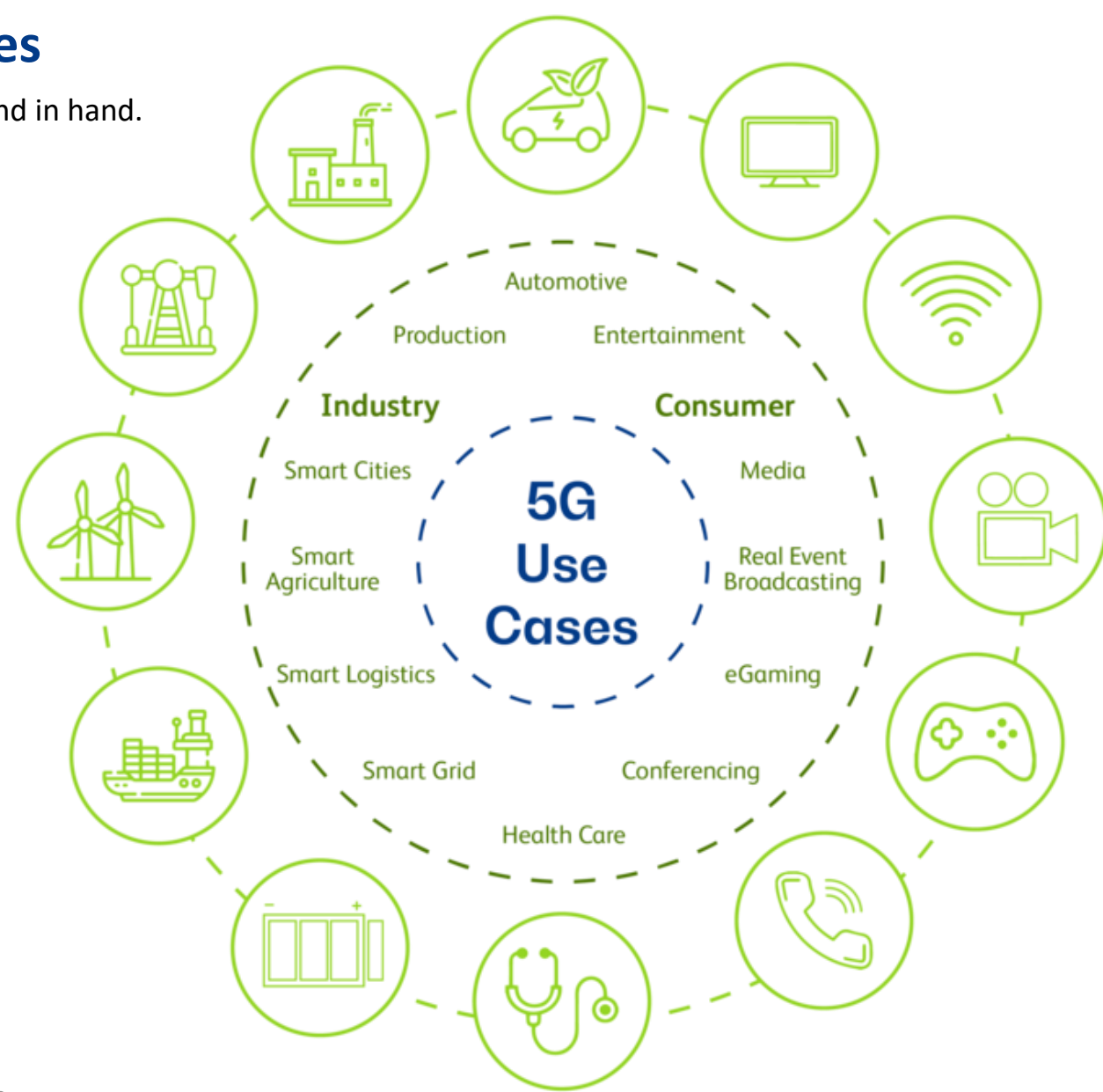
Evolution of Digitization

How may the digital transformation look like in 2025?



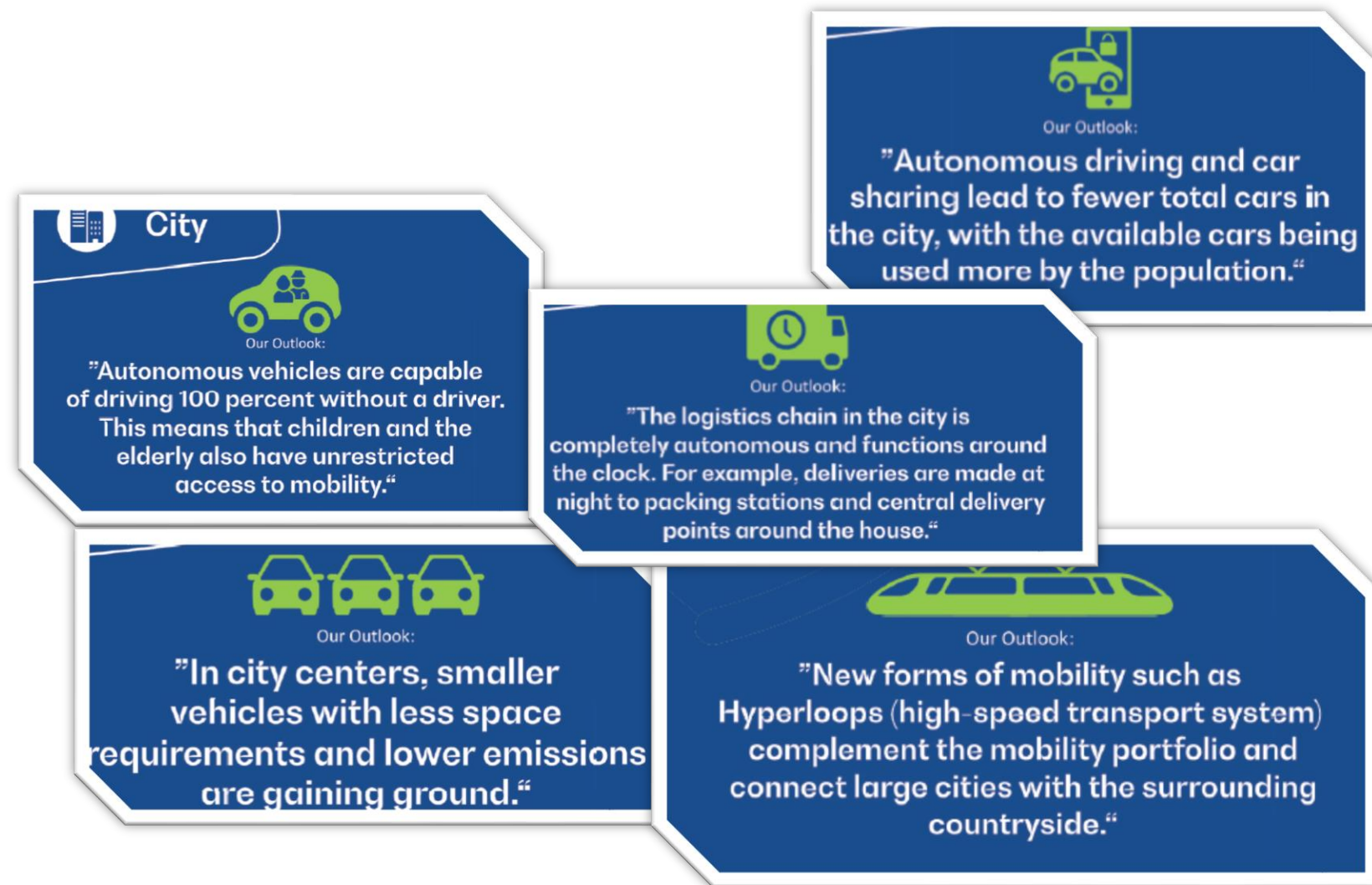
Digital Opportunities

Digitization and bandwidth go hand in hand.



Digital Opportunities - Mobility

Electric mobility in particular could benefit from a 5G expansion in cities.



Digital Opportunities - Mobility

Electric mobility in particular could benefit from a 5G expansion in rural areas.



Our Outlook:

"Shared mobility and shared property is increasingly finding its way into neighborhoods and rural communities."



Country-side



Our Outlook:

"Autonomous commercial vehicles are the foundation of tomorrow's agriculture."



Our Outlook:

"The movement of goods on roads is reduced thanks to modern autonomous technology such as drones. There are only isolated instances of delivery by conventional means of transport."

Green Digital Revolution - Association of Digitization and Climate Protection

How can we support sustainable digitization?

Green Data Centers

- Cooling with water instead of air
- Using waste heat
- Connection to data highways
- Use location advantages (landscapes: hydropower)
- Renewable energies
- Innovative battery solutions
- Green architecture
- Connection to state-of-the-art fiber optic networks

Green IT

Smart Internet Behavior

- Open-source applications
- Energy saving apps
- Certificates and Standards
- Education
- Do not send file, send a link

Smart Green Infrastructure

- Latest technological developments
- City strategy and vision
- Politicians, cities, research, energy suppliers and municipalities must work together
- Smart concepts and technologies
- Energy strategy
- Power generation and distribution
- Water management and treatment
- E-Waste management

An aerial photograph of a forest, split vertically. The left half shows a dense, healthy forest with vibrant green coniferous trees. The right half shows a charred, blackened landscape with scattered brown and orange debris, representing a forest fire. The text "What we'll see next is up to us" is centered across the middle of the image in a bright green font.

What we'll see next is up to us

Thank you

**Digital
(R)evolution**

