

Bengaluru Developing fast

City data report 2021

OVERVIEW

As the IT capital of India, Bengaluru is ideally placed to become a model of digitalization for the rest of the country.

DIGITALIZATION READINESS

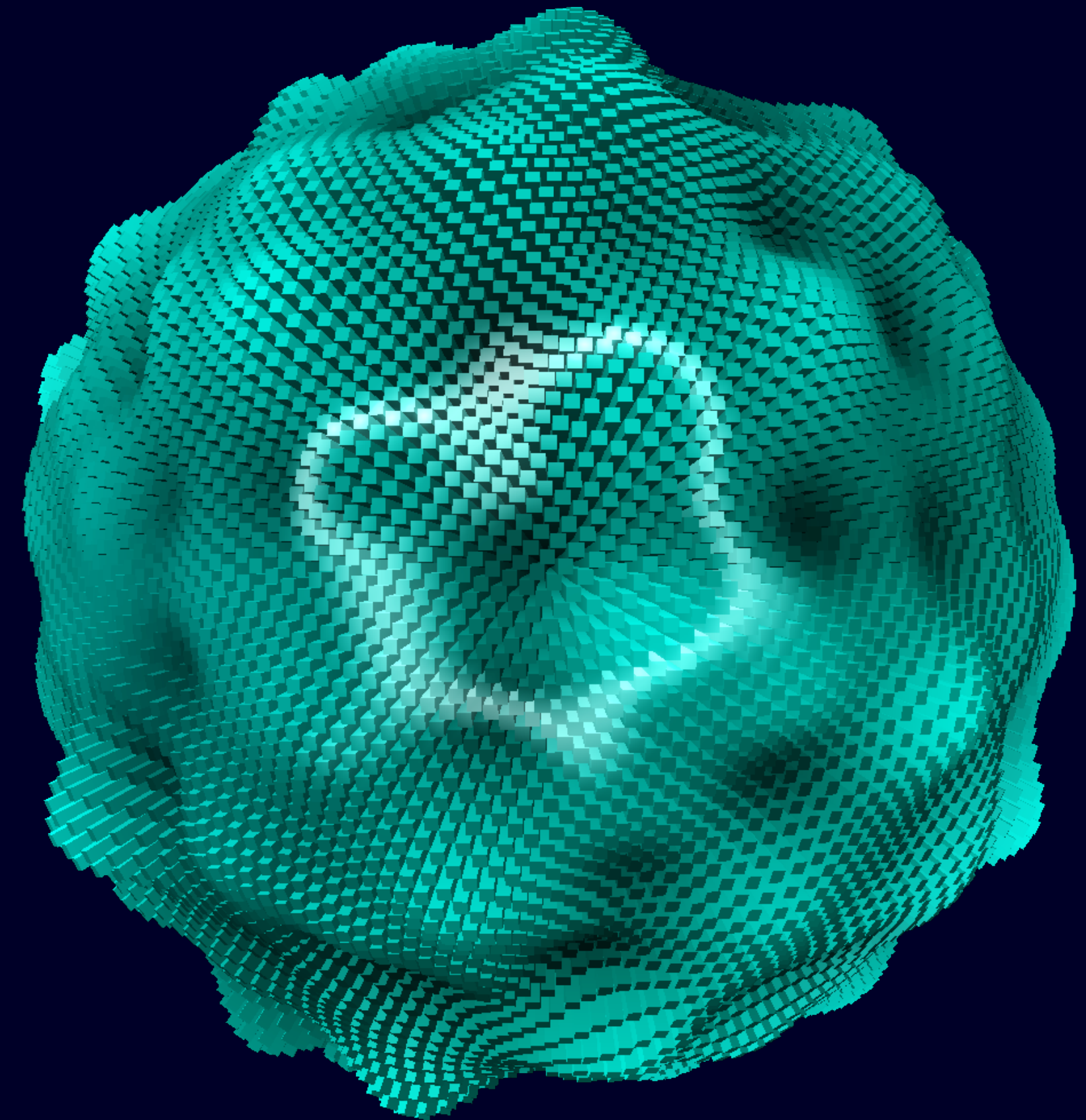
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Bengaluru is using its concentration of technology talent to innovate solutions to its challenges, including traffic congestion, water availability, and air quality.

DIGITALIZATION POTENTIAL

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Digitalization can help Bengaluru to manage its rapid growth, helping the city to balance economic needs, sustainability, and the health of residents.

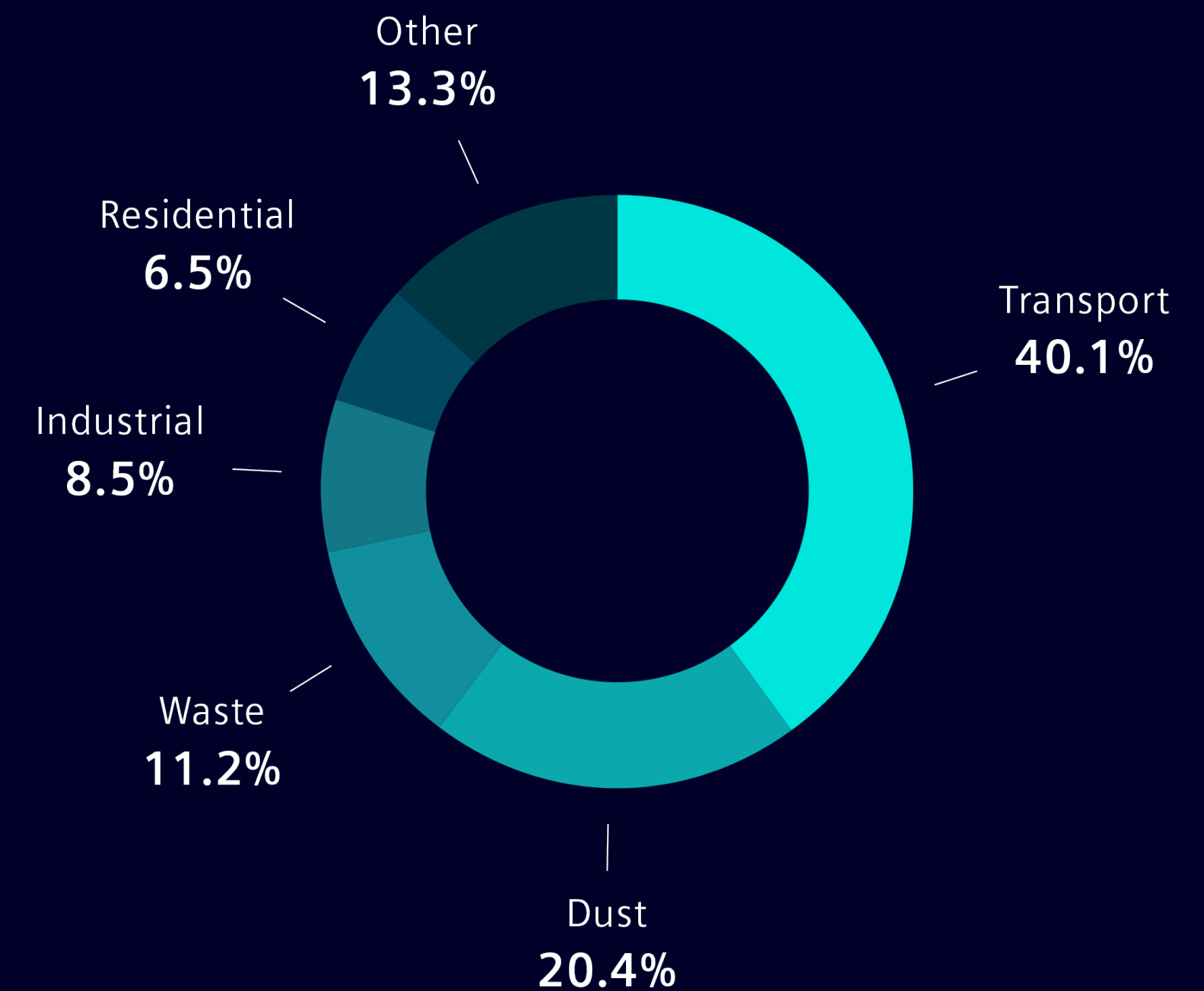


SUSTAINABILITY

A digitalized approach to Bengaluru's top priorities

Bengaluru is under growing pressure to improve the availability of water and energy, with concerns that supplies of both regularly fail to meet customer demand. The city is supporting this with a range of digital solutions, including an app that helps residents to implement rainwater harvesting measures, and a plan to install household smart meters that gather valuable usage data. The price of rapid urban expansion is often paid in a city's air quality, with 40% of Bengaluru's PM2.5 attributed to transportation.

Sources of fine particulate matter (PM2.5) in Bengaluru, 2015



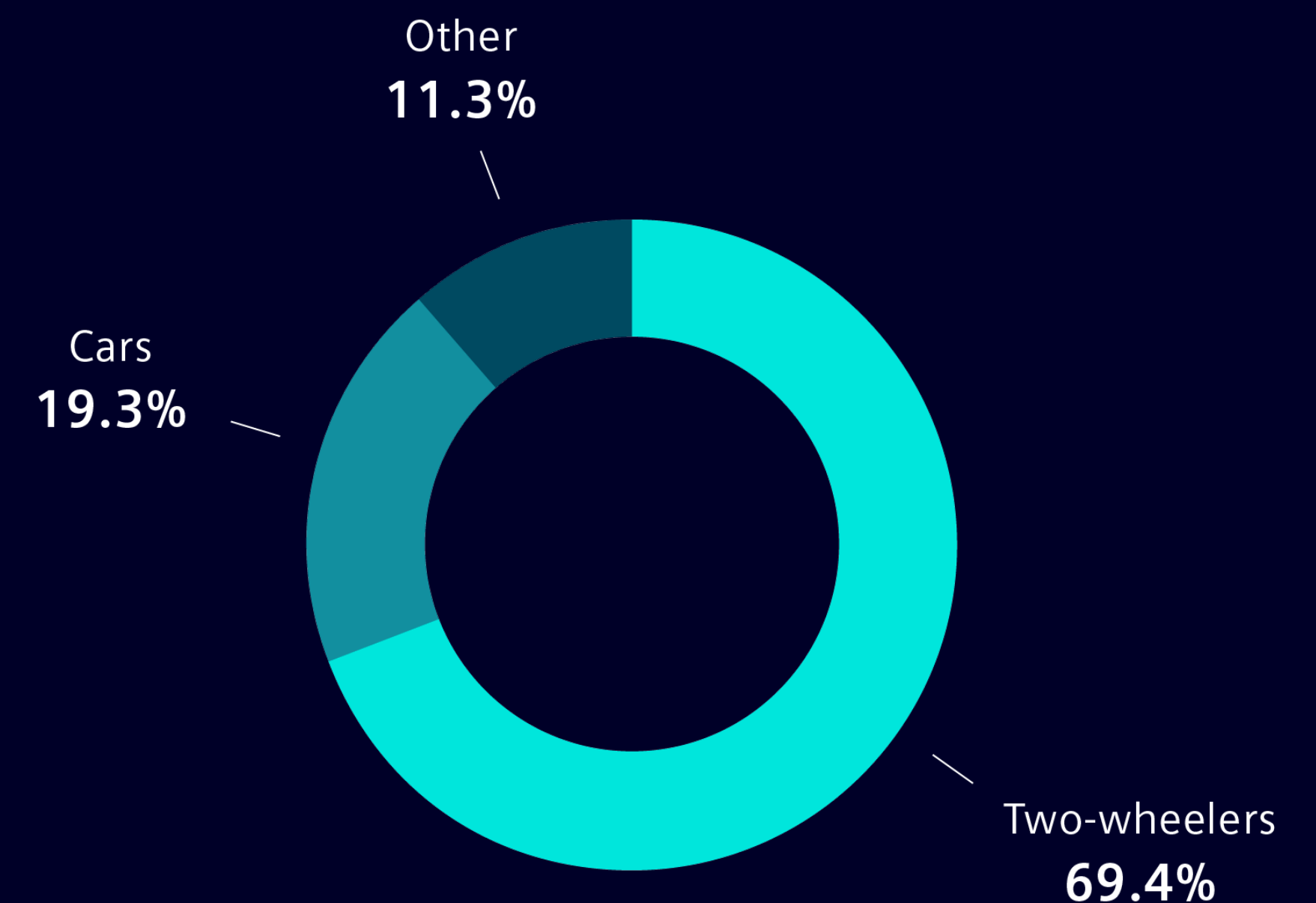
Source: **Urban Emissions**

MOBILITY

Improving lives by helping people to move quickly and safely

Innovation is helping to reduce traffic emissions across the city. Two-thirds of vehicles on Bengaluru's roads are two-wheelers, and there are proposals to limit sales to **electric models only** from 2025. To support a vision to become India's **EV capital**, the city is greatly expanding the number of charging points, and introducing 150 electric buses and 30 e-rickshaw stands.

Breakdown of vehicle type in Bengaluru, 2017



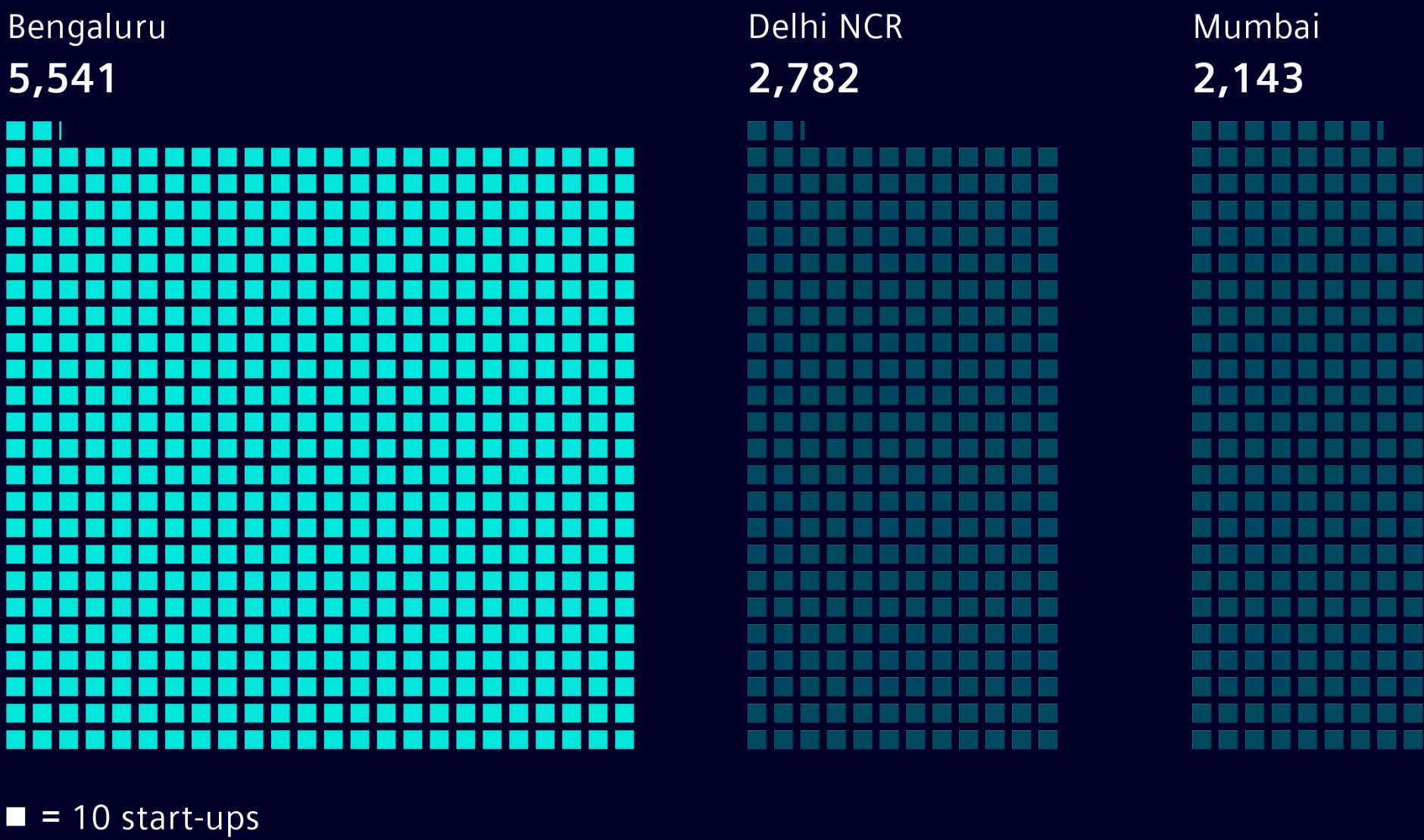
Source: **Transport Department, Government of Karnataka**

OPPORTUNITY

Bengaluru is at the forefront of India’s digitalization

Bengaluru is at the forefront of India’s digitalization, with more technology start-ups established in recent years than Delhi and Mumbai combined. The city’s drive for innovation is evidenced in its inclusion in India’s ‘100 Smart Cities’ initiative, which seeks to inspire the country to digitalize in sustainable and inclusive ways. This agenda suits Bengaluru’s need to modernize while protecting its open spaces, parks, and the city’s ancient waterways and lakes.

Number of tech start-ups founded, 2016 to 2019



Source: Bengaluru Innovation Report 2019

THE ATLAS OF DIGITALIZATION



For more information about Bengaluru, please contact:

Ashok Swaminathan

Chief Manager

ashok.swaminathan@siemens.com

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