

Buenos Aires

A modernizing metropolis

City data report 2021

OVERVIEW

Buenos Aires is digitalizing to reduce waste and promote inclusion, and is the first Latin American city with 100% LED street lighting.

DIGITALIZATION READINESS

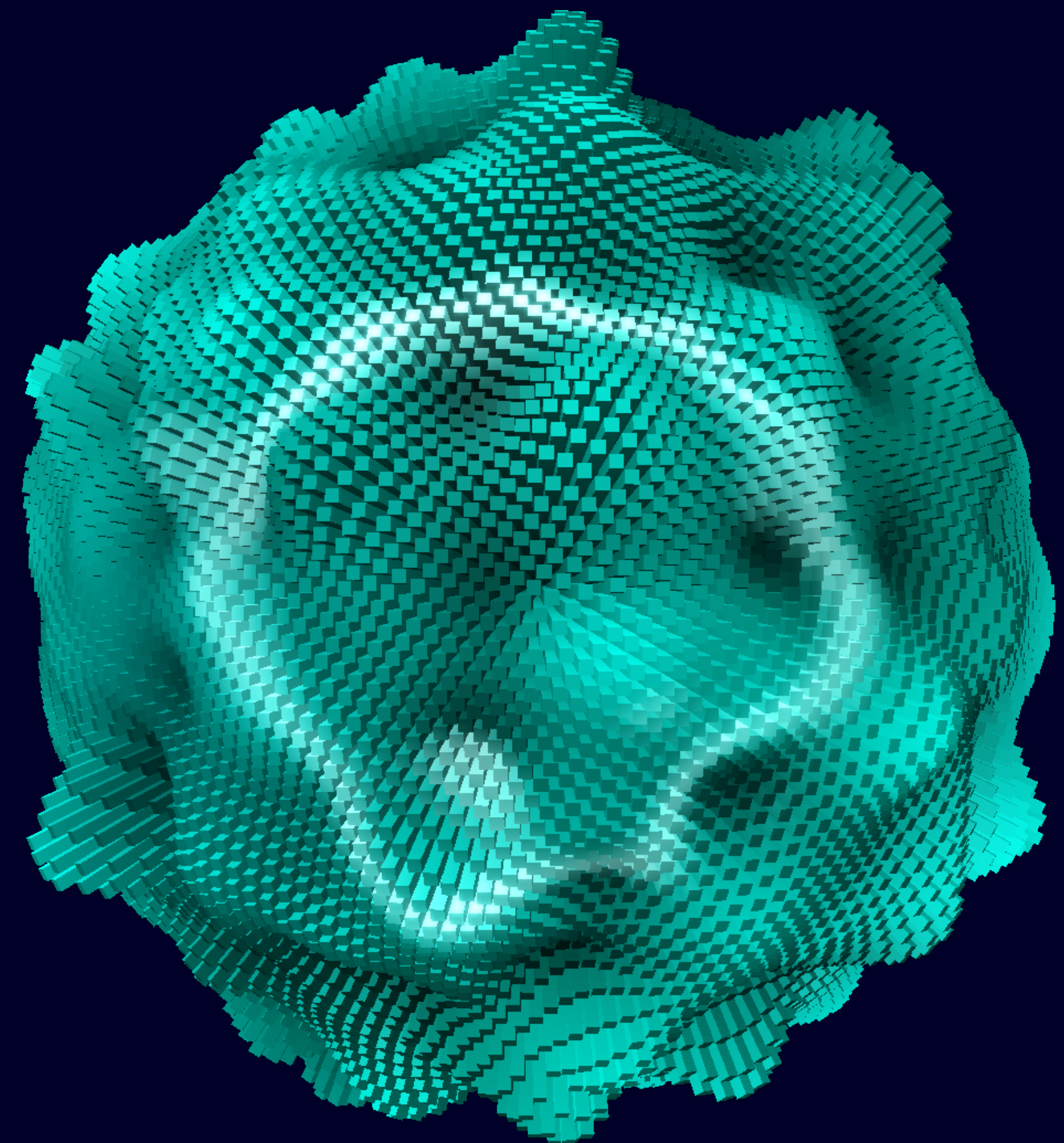
3/10

This well-connected city has a high percentage of internet users, who would benefit from a boost in internet speeds.

DIGITALIZATION POTENTIAL

4/10

There is continued potential to reap the benefits of digitalization in Buenos Aires, with further investment in human capital, analytics, and strategy.

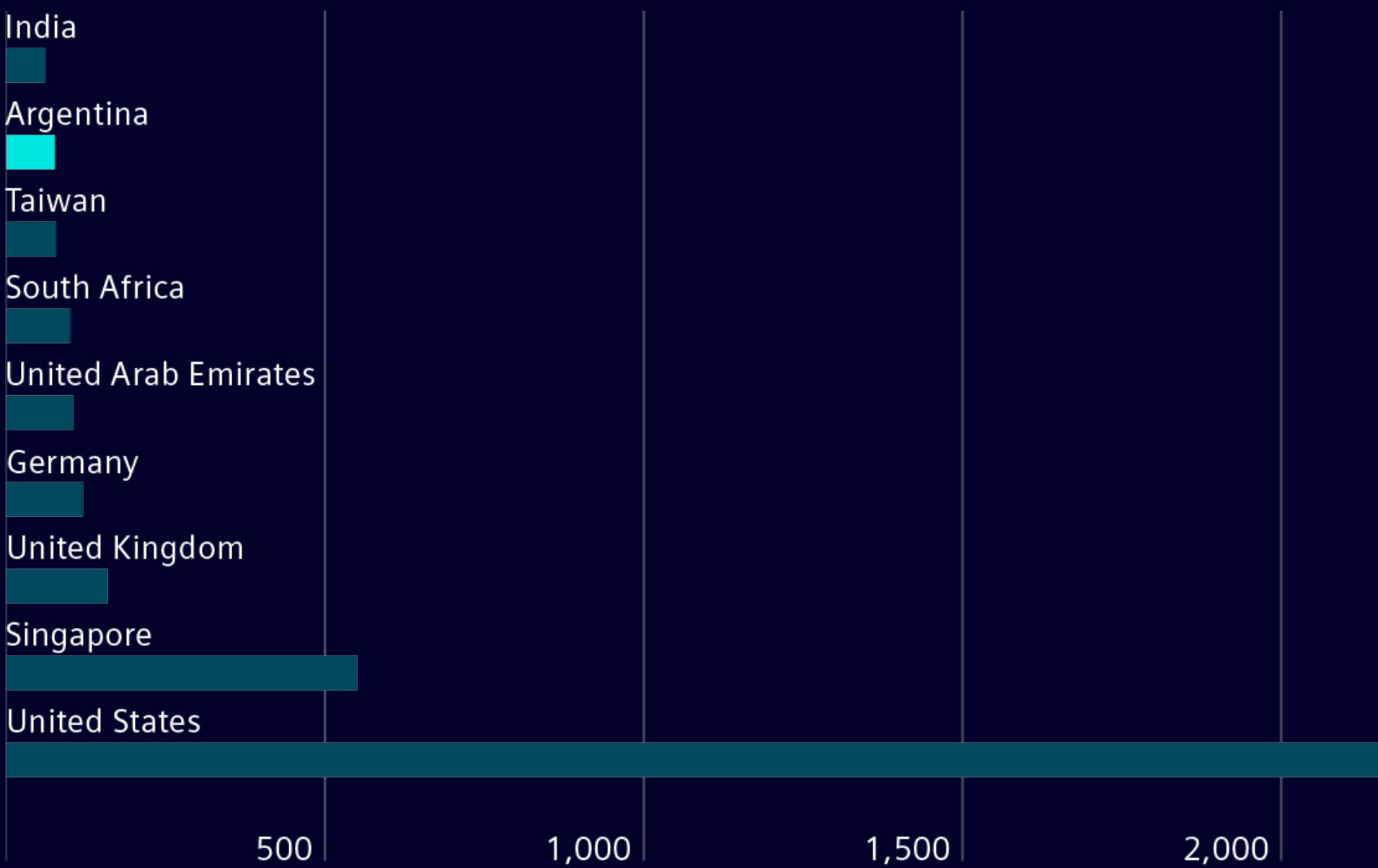


SUSTAINABILITY

Drain sensors will help detect poor drainage and flooding risk

In 2016, the Inter-American Development Bank approved a US\$320 million loan to install smart water meters and to make drinking water distribution more reliable, reduce leaks, and expand wastewater treatment capacity. Smart water meters use accurate, real-time data to locate leaks and pinpoint meter errors. It is estimated by the IDB that the use of smart water meters in combination with water-pressure regulation could reduce water loss by 40% across five city districts.

Annual greenhouse gas emissions from transport and industry, tonnes CO2 equivalent per capita, country level



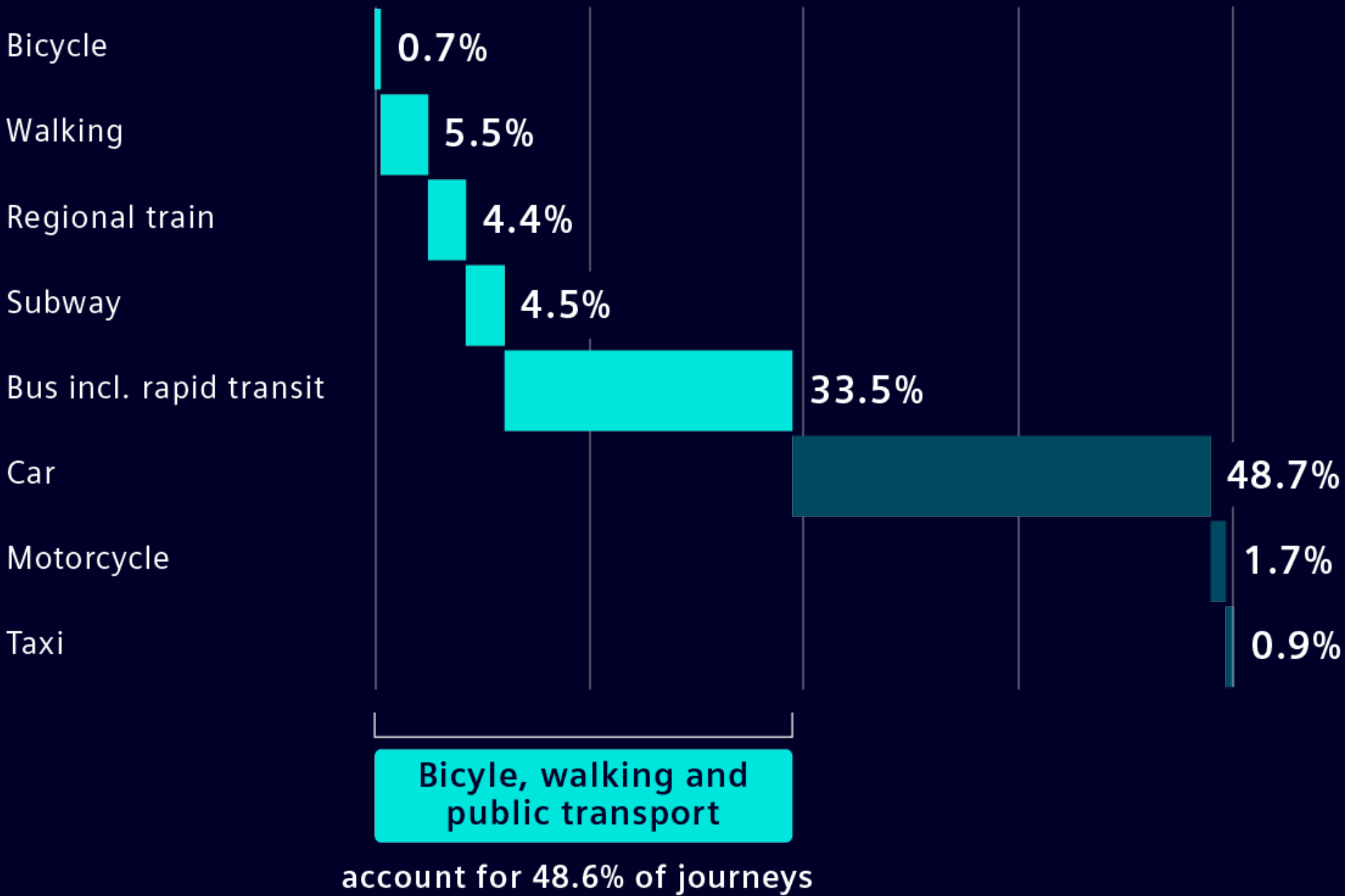
Source: [International Energy Agency \(IEA\)](#)

MOBILITY

Automatic trains increase efficiencies for the new metro line

The passenger railway network serving the Buenos Aires metropolitan area covers more than 1,500 km between main and branch lines, with 180 stations and 800 level crossings. Around half of all journeys in Buenos Aires are already made on public transport, by bicycle, or on foot. **Siemens** is currently installing the power supply system for the Constitución-La Plata of the Roca Railway branch line. Siemens has electrified 70% of the urban rail, metro, trolley bus, and tram system.

Transport share in Buenos Aires, 2017



Source: **Siemens City Performance Tool**

OPPORTUNITY

Incubator services have supported 30,000 entrepreneurs and created 10,000 jobs since 2008

An open platform, Buenos Aires Data, captures data that is updated daily, which entrepreneurs to develop apps, tell stories, and add value to services. Residents can access a wide range of local services with miBA, an app and web-based platform, from arranging a doctor’s appointment to paying for a parking ticket. And to make use of these tools even easier, the app BA Wi-Fi provides access to Wi-Fi throughout the city and provides a location **map**.

Most visited city websites, 2016

Site	Purpose	Category
Alumnos S@rmiento BA	Digitization of education	● Education
Consulta de infracciones	Information about traffic offences and fines	● Transport
Home de la Ciudad	General city news and information	● General
Consulta de puntaje docente	Teacher score query tool	● Education
Subte	Metro information	● Transport

Source: **Buenos Aires Ciudad**

THE ATLAS OF DIGITALIZATION



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SIEMENS



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