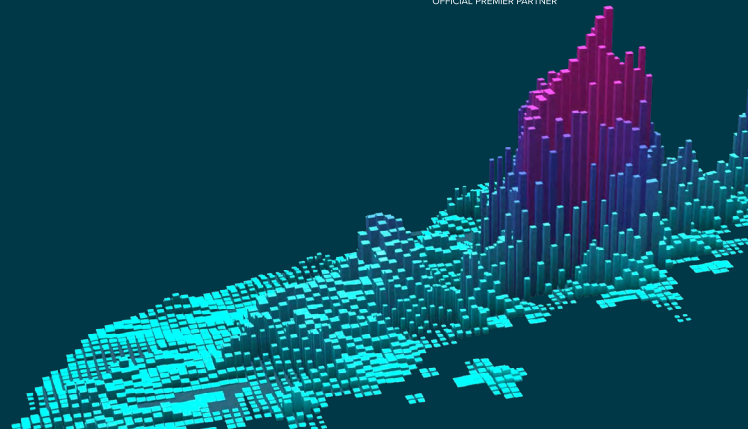


Taipei

Taipei is building on 20 years of urban ICT development with innovative digital applications to support a range of business sectors and citizen needs.



The Atlas of Digitalization demonstrates how smart cities across the world are realizing their potential through digital technological innovation.

Like all cities, Taipei faces unique challenges that require distinct solutions, and our Digitalization Readiness and Potential scores compare how prepared each is for a connected future, and what opportunities they have to transform beyond where they are today.

6 /10

Digitalization Readiness

This future-facing city scores highly across all Digitalization Readiness indicators, thanks to early initiatives to promote internet usage at the turn of the century.

3 /10

Digitalization Potential

Taipei's Digitalization Potential is low because the infrastructure is already highly developed, leaving few areas that can be significantly improved further.

Each score pools data from a range of sources, rating developments around **Sustainability**, **Mobility** and **Opportunity**, the key themes from Expo 2020 Dubai.

Sustainability

How and what energy is used in buildings, travel and public spaces.

Mobility

Where, when and how people travel and connect and the impact it has.

Opportunity

How much people enjoy city living and how businesses thrive.

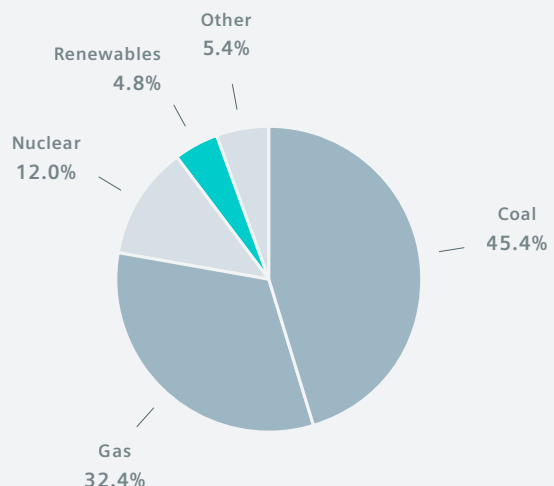


Sustainability

Smart grid management helps stabilize energy demand.

The government connected the smart grid to its IoT network. It can now detect and respond to network surges and meet consumer need at peak times. They aim for 20% green electricity by 2025.

Taiwan's electricity power generation mix, 2016



Source: Bureau of Energy, Ministry of Economic Affairs

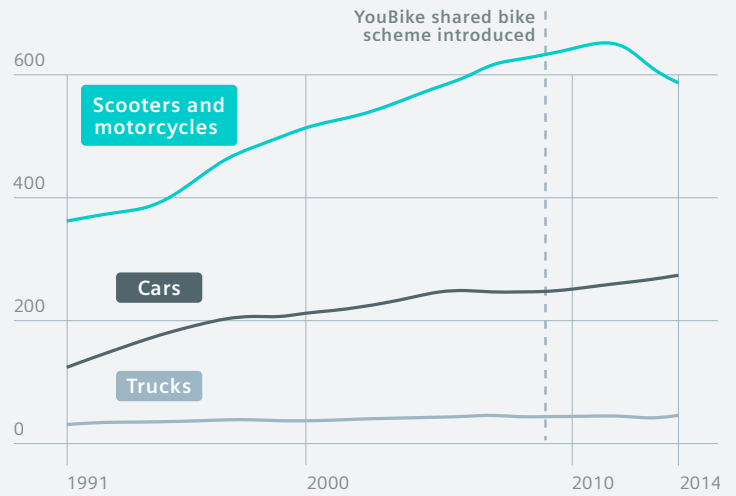


Mobility

Real time data makes trip planning easy.

The national government's smart transport initiative aims to meet public demand for traffic updates. Digital signs and apps allow travelers to check bus times, find shared bikes and gauge street level congestion to plan trips.

Taipei road vehicles per 1,000 people



Source: Taiwan Development Council, Urban and Regional Development Statistics

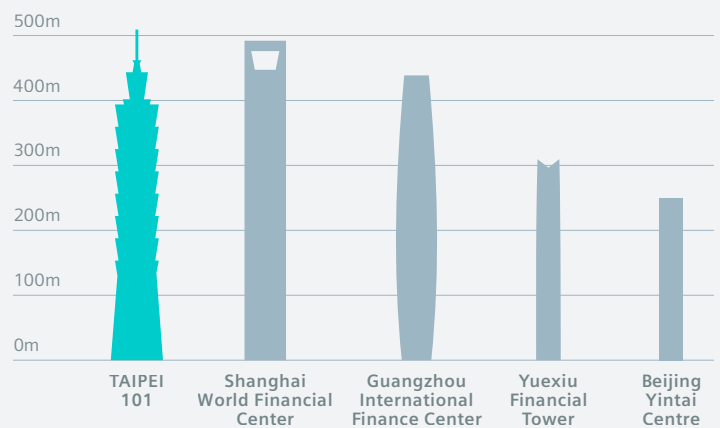


Opportunity

Digital monitoring protects landmarks and citizens from natural disasters.

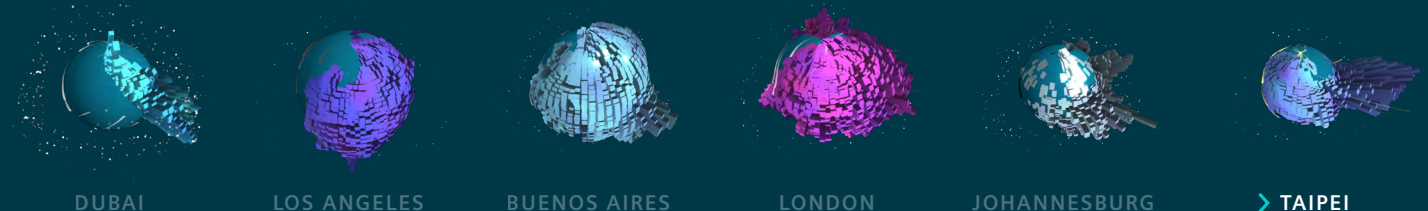
As part of the urban ICT strategy, Siemens helped launch the cloud-based IoT operating system MindSphere. Digitalization for infrastructure can help cities build resilience to natural disasters.

Taipei 101 is the tallest building in the city and designed to withstand the typhoon winds and earthquake tremors



Source: Popular Science 'Grand Award Taipei 101, Council on Tall Buildings and Urban Habitat

For more information on Taipei, explore the Atlas of Digitalization



DUBAI

LOS ANGELES

BUENOS AIRES

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JOHANNESBURG

▶ TAIPEI