

Dubai Growing up

City data report 2021

OVERVIEW

Leading the way in digitalization by creating one of the most sustainable World Expos, a start-up accelerator program, and inaugurating a Minister for Artificial Intelligence.

DIGITALIZATION READINESS

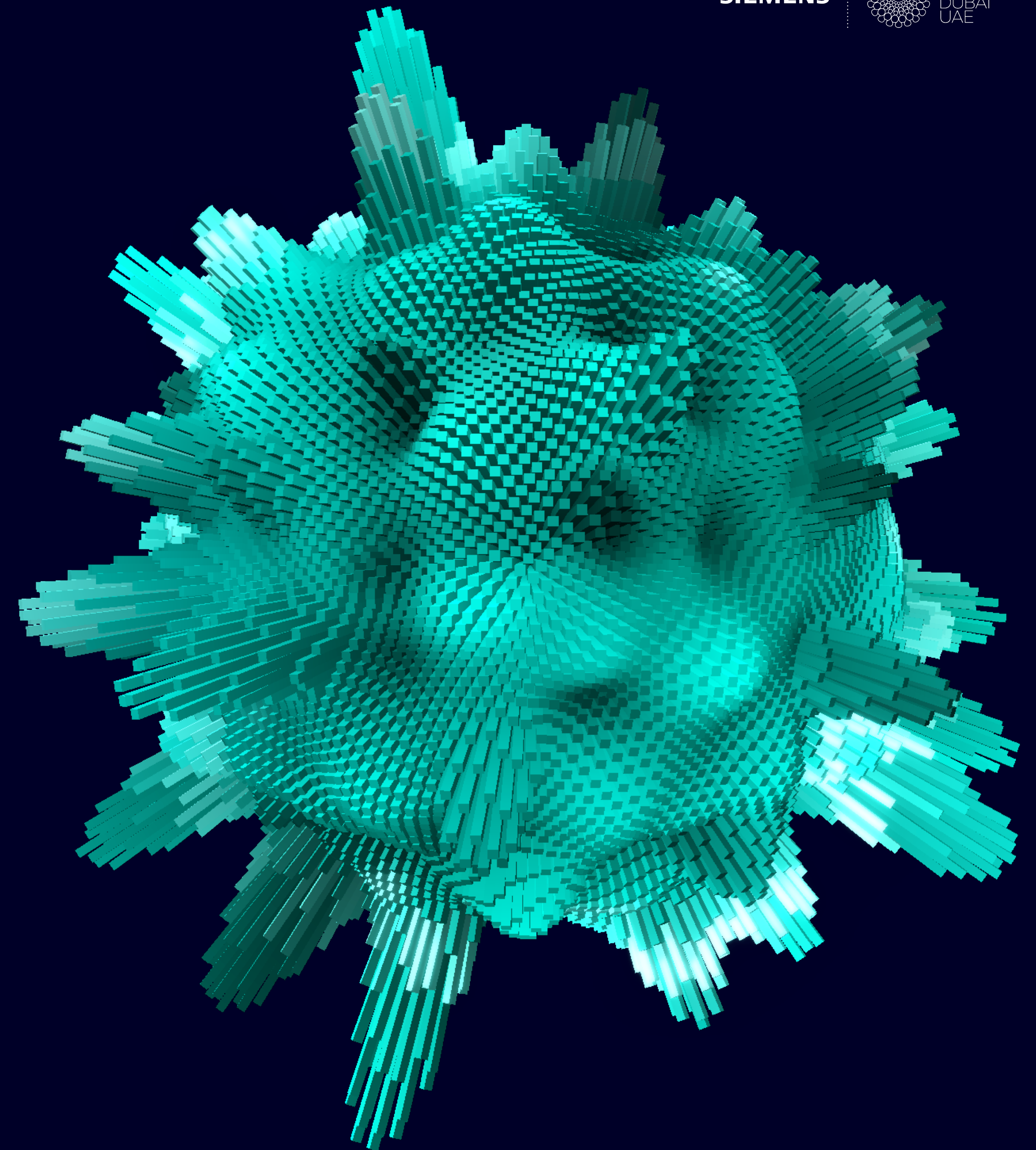
6/10

Dubai is making progress introducing technology to improve transport efficiency and local lifestyles.

DIGITALIZATION POTENTIAL

3/10

Smart Dubai is deploying technology across the city to improve sustainability and resource management.

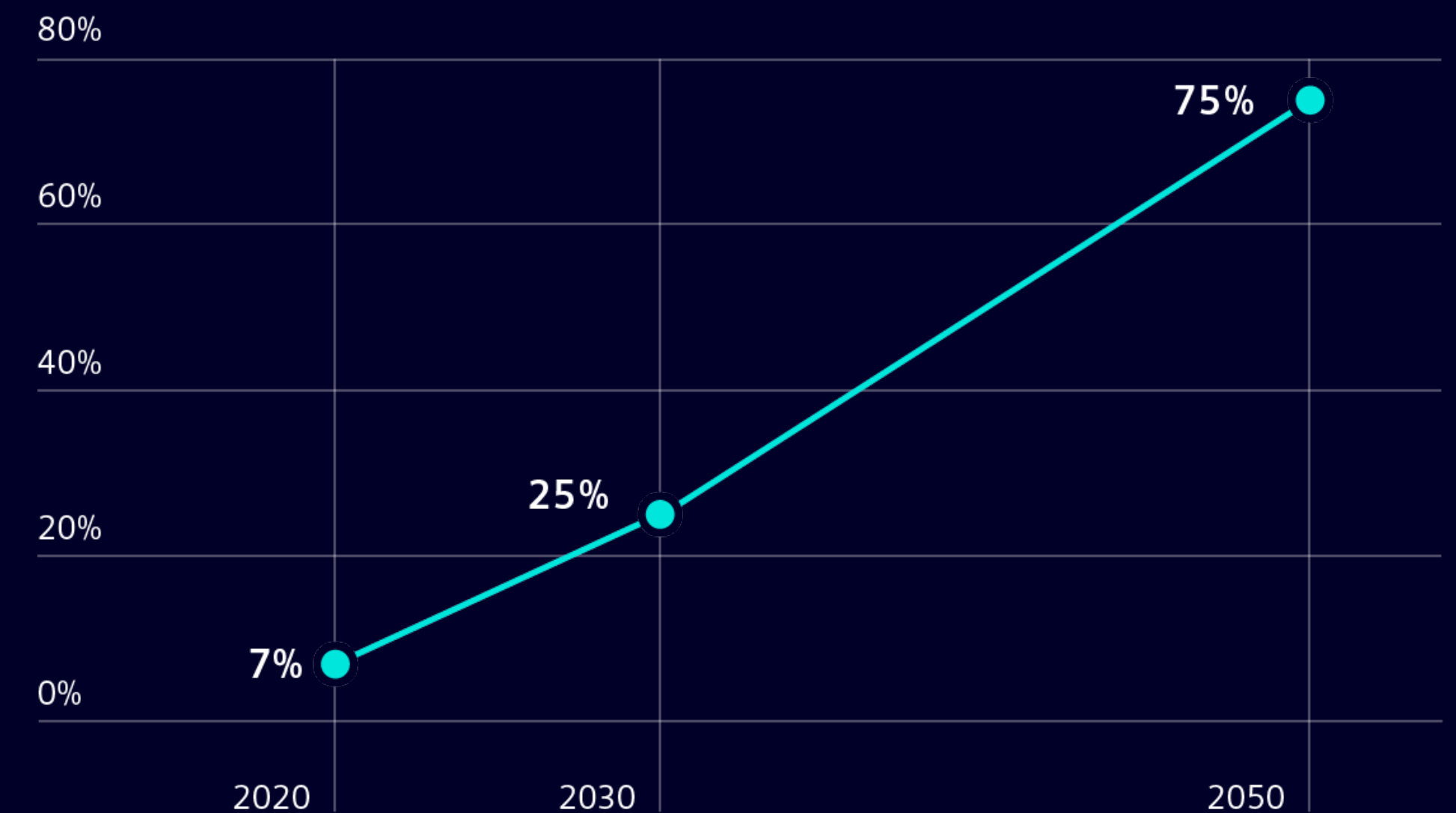


SUSTAINABILITY

Smart meters and sensor data help to reduce carbon emissions

All new projects in Dubai must meet strict green building requirements. The Al Safat ratings system aims for a 30% reduction of electricity and water consumption by 2030. Dubai's **2050 Clean Energy Strategy** plans to increase solar, nuclear, and clean energy to an ambitious 75% of the total by 2050.

Dubai's proposed energy mix from clean sources



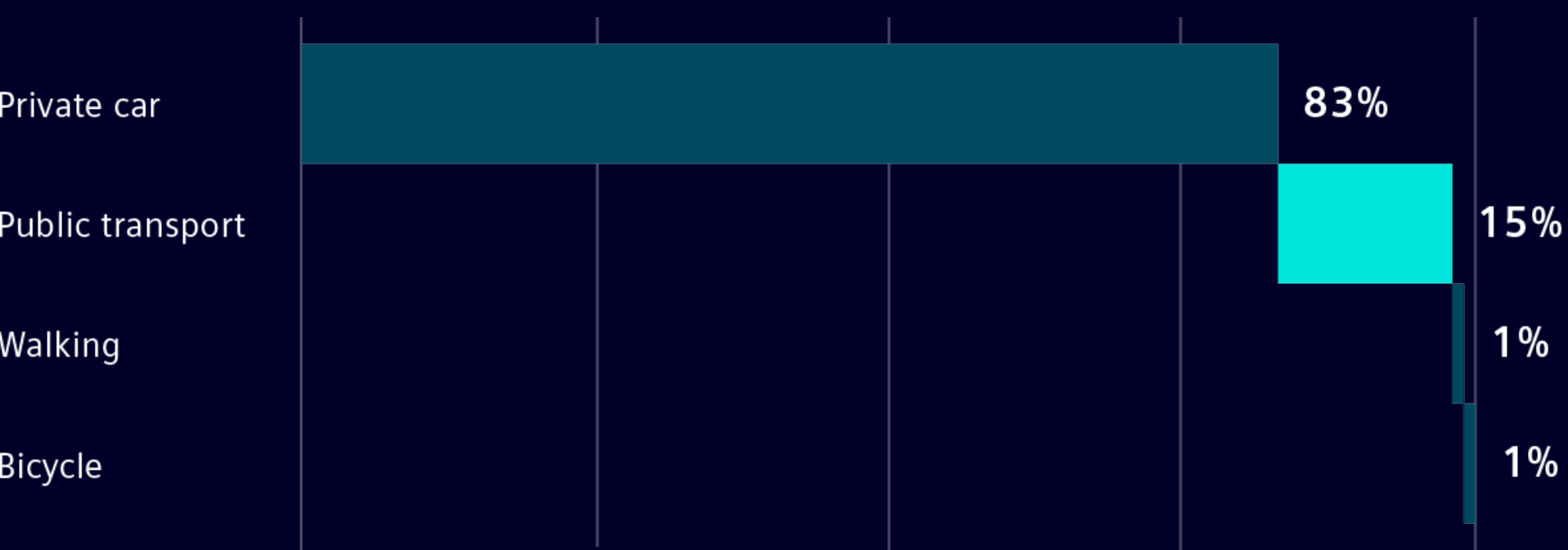
Source: **The Dubai Electricity and Water Authority Energy Strategy**

MOBILITY

New metro lines will help visitors attend Expo 2020 on public transport

Dubai is mixing up its transport options. Passenger journeys have risen from **6.5%** for travellers using public, shared transport and taxis in the first half of 2019, with 1.618 million riders per day on mass transport. This growth should accelerate as **Dubai Roads and Transport Authority (RTA)** have set a target of 30% of trips by public transport by 2030. Now, a 15 km metro extension is under construction, connecting Nakheel Harbour and Tower Station to the principal site of Expo 2020 Dubai. A further extension will connect the city with the airport.

New metro lines will help visitors to attend Expo 2020 on public transport



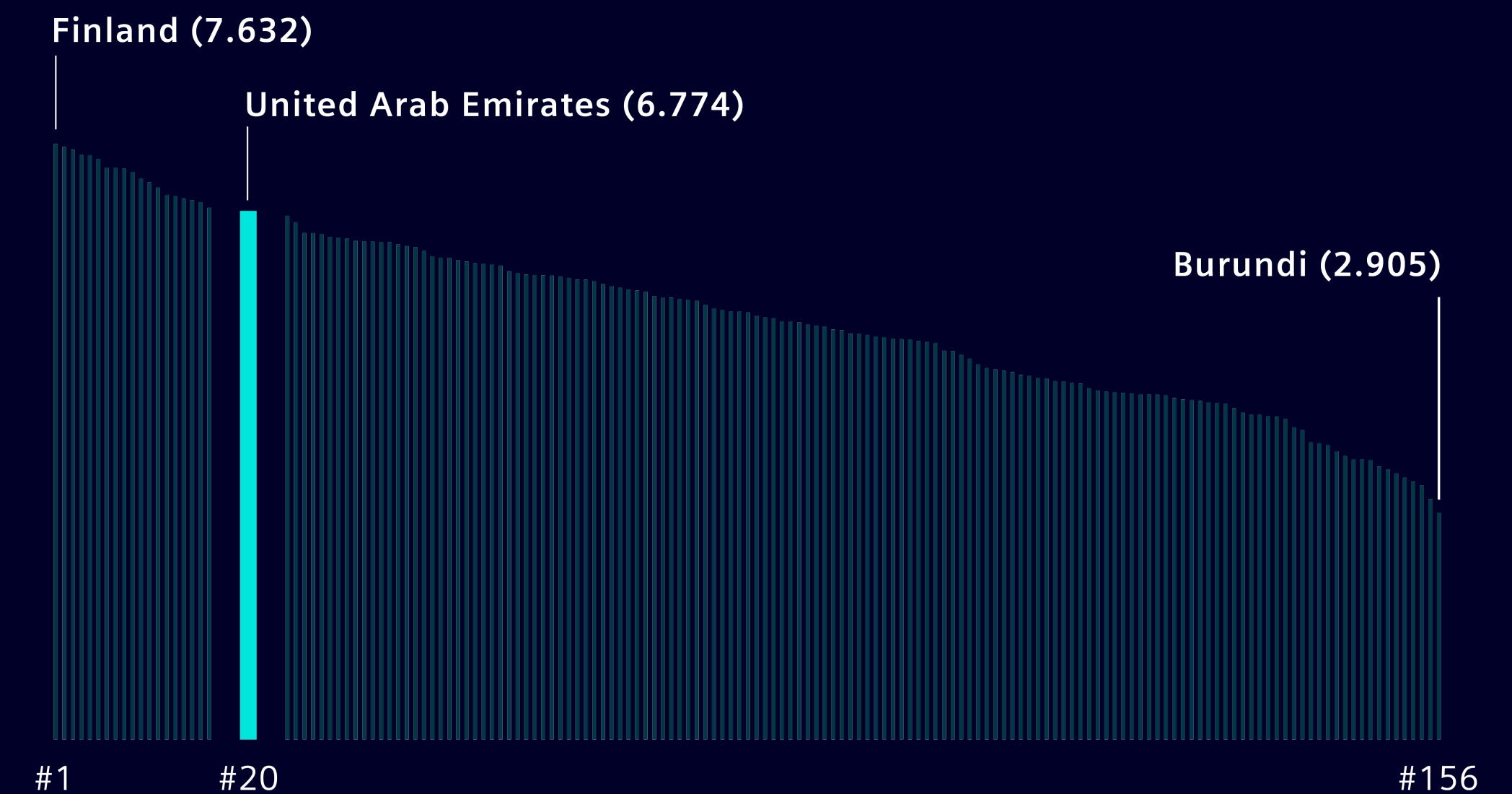
Source: **Deloitte**

OPPORTUNITY

Accelerator programs create new opportunities for startups

Dubai is one of the few cities in the world to explicitly include happiness in its policy framework. With a 'happiness agenda' launched in May 2016, the UAE seeks to build even further on its current rank of 39 out of 186 countries in the 2020 **World Happiness Report**. The Dubai Plan 2021 includes policies to achieve a happier society. New technologies play a role and will include AI and autonomous services. Siemens is supporting innovation showcases at Expo 2020 Dubai and beyond.

Country happiness rank and score, 2015/2017

Source: **World Happiness Report 2018**

THE ATLAS OF DIGITALIZATION



For more information about Dubai, please contact:

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