

Get smart.

The business case for connecting to ASEAN Smart Cities

South-East Asia's cities are potentially "the biggest investment opportunity in the world". Are you ready to connect to the ASEAN Smart City Network? Talk to HSBC today for access to local and regional expertise and enterprise solutions.

Next stop: ASEAN's Smart Cities



US\$625 billion in tech

Digital technologies in ASEAN could be worth US\$625 billion by 2030

Singapore

FOCUS AREA Digital economy: e-Payments

- PayNow system rolled out in July 2017
- 28 million transactions totalling S\$4.6 billion by 1st half of 2019

Next steps

Cross-border collaborations and linkages for e-payments



Singapore: The city state will spend more than US\$1 billion on smart city initiatives in 2019

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FOCUS AREA Health and well-being: Integrated healthcare services

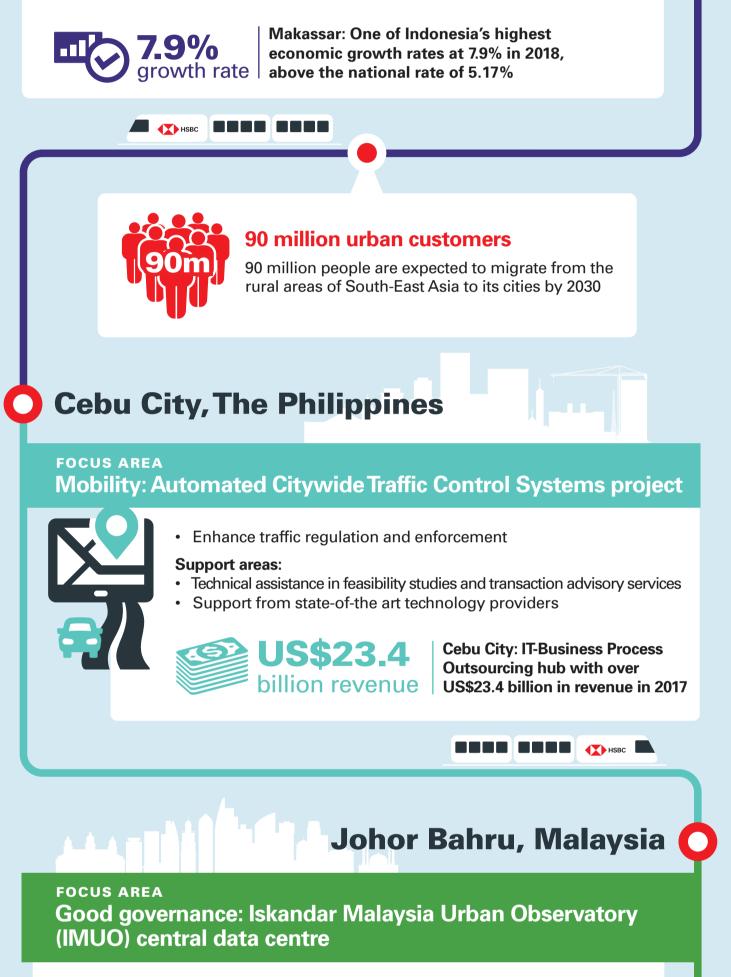
Plans to develop a healthcare ecosystem connecting

various healthcare entities and enable easy data exchange

Support areas:

 Public and private sector collaborations for design, implementation and maintenance





 Increase government transparency in tracking development, policies and targets

Support areas:

- Technology advisory services and advanced analytics
- · Enhanced big data centre capabilities







Johor Bahru: RM250 million allocated in 2018 for infrastructure projects

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US\$110 billion of infrastructure investments

More than US\$110 billion of infrastructure investments is needed annually to support growth across ASEAN member states

Da Nang, Vietnam

FOCUS AREA Smart mobility: Intelligent Traffic Control system

Reduce traffic congestion and improve logistical efficiency

Support areas:

- Technical support on design and delivery of transport management system
- Access to knowledge, information and experience on smart city building



1.65 million people

Da Nang: Poised to become Vietnam's next urban centre, with a population of 1.65 million by 2020



Phuket, Thailand

FOCUS AREA **Civic and social: City Data Platform**

 Building a City Data Platform that utilizes big data on residents and tourists to aid the city administration in urban planning efforts

Support areas:

Technical assistance on data analytics and business intelligence platform



Phuket: 16.85 million passengers passed through million passengers | Phuket International Airport in 2017



Sources:

Airline Network News and Analysis, "Phuket Airport traffic grows 195% in 10 years; LCCs account for 44% of passengers; VietJetAir among many carriers launching flights in 2018." 2018. ASEAN, "Master Plan on ASEAN Connectivity 2025." 2016. ASEAN Smart Cities Network, "Smart City Action Plans." 2018. BusinessWorld, "IBPAP says revenues grow in 2018 but falls short of road map target." 2019. CIO, "Singapore to spend US\$1 billion in smart city initiative during 2019." 2019. Financial Times, "Indonesia GDP growth beats expectations in 2018." 2019. New Mandala, "Weighing Jokowi's infrastructure projects in Eastern Indonesia." 2019. The Star Online, "Johor Baru gets RM250mil infrastructure allocation." 2018. The Straits Times, "28m PayNow transactions in first half of year as usage soars." 2019. The World Bank, "Da Nang, Vietnam." Energizing Green Cities in Southeast Asia. 2013.