



**SolarTech Power Solutions**

# **ASEAN Communications 5G Base Station Bid Opening**



## Overview

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Will China build a 5G base station next year?

Technicians from China Mobile check a 5G base station in Tongling, Anhui province. [Photo by Guo Shining/For China Daily] China aims to build over 4.5 million 5G base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the country's top industry regulator said on Friday.

Is 5G a real opportunity for ASEAN telecom operators?

With 5G's enormous potential, ASEAN telecom operators have a real opportunity to reverse their declining consumer and enterprise revenues. However, unlocking that potential will not be easy and does not depend only on providing enhanced connectivity. It will require thoughtful actions and tangible new capabilities from all stakeholders.

Which 5G bands will be auctioned at the upcoming ASEAN conference?

(The United States will provide additional details during the FCC's presentation at the upcoming ASEAN Conference on 5G Development.) the next auction will be 3500 MHz and 28 GHz bands, which are prime 5G bands.

What is 5G network & infrastructure?

Network & infrastructure: (1) 5G Base Station In the case of 2G, 3G and 4G, base stations can cover a range of several kilometers to tens of kilometers due to the use of low frequency bands, while 5G base stations cover only tens to hundreds of meters.

How much will 5G cost in ASEAN in 2025?

Over time, investments in data centers and edge computing infrastructure will also be necessary to support advanced use cases. The required capex investment for a non-standalone rollout of 5G across ASEAN will be \$13.5 billion up to 2025 (see figure 13). This constitutes roughly 5 to 8 percent of

the annual overall operator revenues in the region.

How should ASEAN members prepare for 5G?

Enhance the preparation of a solid foundation as well as a rich ecosystem determines the success of 5G before, during, and after deployment. ASEAN member states should proactively build the foundation early, the 5G ecosystem to greatly reduce obstacles and accelerate the commercialization of 5G later.

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