

## Kongres Container

# Saudi Arabia 5G Communication Green Base Station Project



## Overview

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Will Saudi Arabia become a 5G technology hub?

Under the umbrella of Vision 2030, Saudi Arabia is transforming into a 5G technology hub, supported by leading telecom operators and strategic public-private partnerships. Key market drivers include government support, smart city projects, and increased demand for fast data and IoT.

Is 5G a catalyst for Saudi Arabia's smart city initiatives?

Undoubtedly, 5G technology is an important catalyst in Saudi Arabia's smart city initiatives, providing cutting-edge connectivity for new cities like NEOM and Qiddiya and existing conurbations such as Riyadh and Makkah.

Why is Zain KSA launching a green 5G network?

As a result of this strategy, Zain KSA launched the world's first zero-carbon 5G network in one of the Red Sea destinations, an unprecedented project in terms of the technology used. The green 5G network offers a world-first practical solution to reduce carbon emissions in the ICT sector, one of the industry's most complex global challenges.

What is 5G & how does it affect gaming in Saudi Arabia?

For consumers, 5G means faster connectivity, better mobile video and voice experiences, and more immersive entertainment including high-quality live streaming for gaming, virtual reality, and e-sports — a major added value considering that almost half of Saudi Arabia's population enjoys gaming regularly.

What is a green 5G network?

The green 5G network offers a world-first practical solution to reduce carbon emissions in the ICT sector, one of the industry's most complex global challenges. Zain KSA is injecting SAR 1.6 billion to expand its infrastructure, 5G network, and digital services ecosystem.

What is a 5G standalone network?

For example, Okeleke says, Zain KSA recently announced the rollout of a 5G Standalone (SA) network, which can provide additional capacity and deliver much lower latency for key enterprise use cases, such as industrial IoT, and augmented and virtual reality.

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