

## Kongres Container

**North Macedonia Mobile s  
communication base stations  
have multiple wind and solar  
complementary technologies**



## Overview

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Can North Macedonia develop solar energy?

The potential for solar energy development in North Macedonia is vast. With estimates suggesting that the country could harness up to 11 GW of solar PV capacity, there is significant room for growth.

Does North Macedonia need electricity?

Although North Macedonia's renewable energy potential is huge (especially solar), the country is still dependent on importing electricity –imported electricity constitutes around 30% of the overall gross consumption.

Should North Macedonia accelerate the transition to renewables?

Like others in the region, North Macedonia must balance its need to rapidly accelerate the transition to renewables to secure its energy future with the need to ensure that future is one where both the country's nature and people thrive.

What are the opportunities for new investors in North Macedonia?

1. Introduction The renewables sector is one of the strategic areas of North Macedonia's economy, and renewable energy projects are among the most popular opportunities for new investors. At the moment, most of the electricity in North Macedonia is produced from thermal power plants with coal as the primary energy source.

Does North Macedonia need a coal phase-out?

Even though the country has historically been dependent on lignite coal mining for around 30% and gas imports for an additional 15% of its electricity production, it has nonetheless set very ambitious goals for decarbonization. As part of the Powering Past Coal Alliance, North Macedonia has committed to a coal phase-out by 2027.

Is North Macedonia a good candidate for smart siting?

Seeing the country's forward-thinking approach to renewables and natural beauty, The Nature Conservancy (TNC) identified North Macedonia as a prime candidate for the implementation of the smart siting approach currently being undertaken in Croatia and Serbia as well.

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