

**PIENAAR ENERGY (PTY) LTD**

# **Reduced carbon emissions north macedonia**

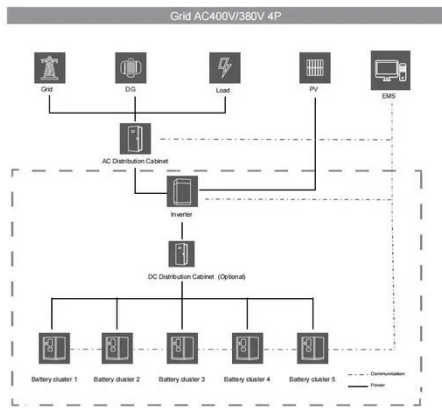


## Overview

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North Macedonia has committed to an ambitious climate change mitigation and adaptation agenda, reducing GHG emissions by more than 50 percent by 2030 compared to 1990. This breakdown is strongly influenced by the energy mix of a given country, and changes as a country shifts to or from a given energy source. 96 megatonnes of CO<sub>2</sub>-equivalent, representing about 0. On a per-person basis, emissions are 4.9 tonnes per capita per year, placing the country in the Moderate range-above what's needed to avoid further warming, yet. North Macedonia is exposed to climate change and natural hazards that pose substantial risks to public safety and public infrastructure, mainly from flooding and forest fires. The domestic energy sector is three times more carbon-intensive than the EU average, with lignite and oil dominating the primary energy supply, accounting for more than 70% (World Bank Group, Country Partnership Framework for the Republic of North).

## Reduced carbon emissions north macedonia



### North Macedonia Country Strategy 2025-2030

The Bank's investment priorities will help reduce GHG emissions, although total emissions will remain high due to carbon-intensive electricity generation. Support the government in advancing the circular economy, in line ...

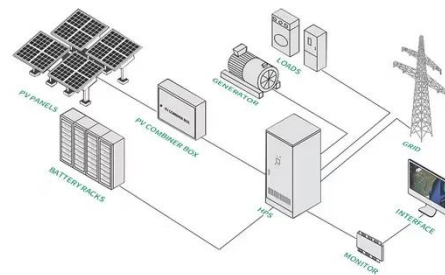
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### Republic of North Macedonia: Selected Issues; IMF Country

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In the enhanced Nationally Determined Contribution (NDC) submitted in 2021 the government committed to reduce GHG emissions by more than 50 percent by 2030 compared to 1990.

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### American Chamber of Commerce North Macedonia

Introduce carbon pricing mechanisms, such as a greenhouse gas emission quota system aligned with the EU Emission Trading System (ETS) or performance-based tax adjustments for businesses, to incentivize ...

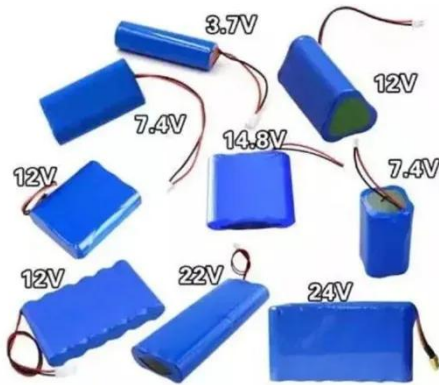
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## Adapting to Carbon Costs: North Macedonia's Strategy for a Low-Carbon

By addressing emissions through strategic investments and policy reforms, North Macedonia can mitigate immediate risks and unlock long-term growth potential. The implementation of carbon pricing, ...

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## Total greenhouse gas emissions (without LULUCF) , North Macedonia

North Macedonia has no national target for greenhouse gas (GHG) reductions (excluding land use, land use change and forestry), but, for the EU target to be reached by 2030, the factor change should ...

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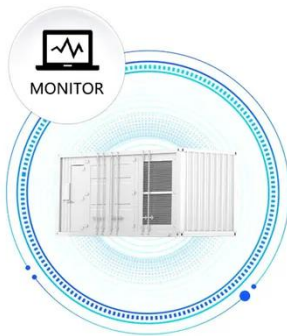
## North Macedonia's Progress and Recent Impact

Prioritize rapid cuts where they matter most: reduce oil-related CO2 first, accelerate the decline of coal, and curb the growth of gas and F-gases. Sustain and reinforce the land-use sink to offset residual ...

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## Climate strategies

North Macedonia is a low GHG emitter, accounting for 0.02% of global GHG emissions in 2020. The country ratified the Paris Agreement in November 2017 and advanced its commitment to global GHG reduction efforts ...

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## North Macedonia

Has North Macedonia's economic growth decoupled from its CO2 emissions? To reduce emissions and achieve increasing prosperity at the same time, we have to decouple economic growth from CO2 emissions.

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## Decarbonising the Economy of North Macedonia

North Macedonia has options in all sectors to at least halve emissions by 2030. Most of the components are in place to follow the lead of other European countries and profit from large scale investment into energy, ...

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## North Macedonia , Climate Promise

North Macedonia has increased its ambition in the revised NDC by adopting

a net greenhouse gas emissions reduction target of 82% by 2030 compared to 1990 levels. The enhanced NDC sets economy-wide targets ...

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