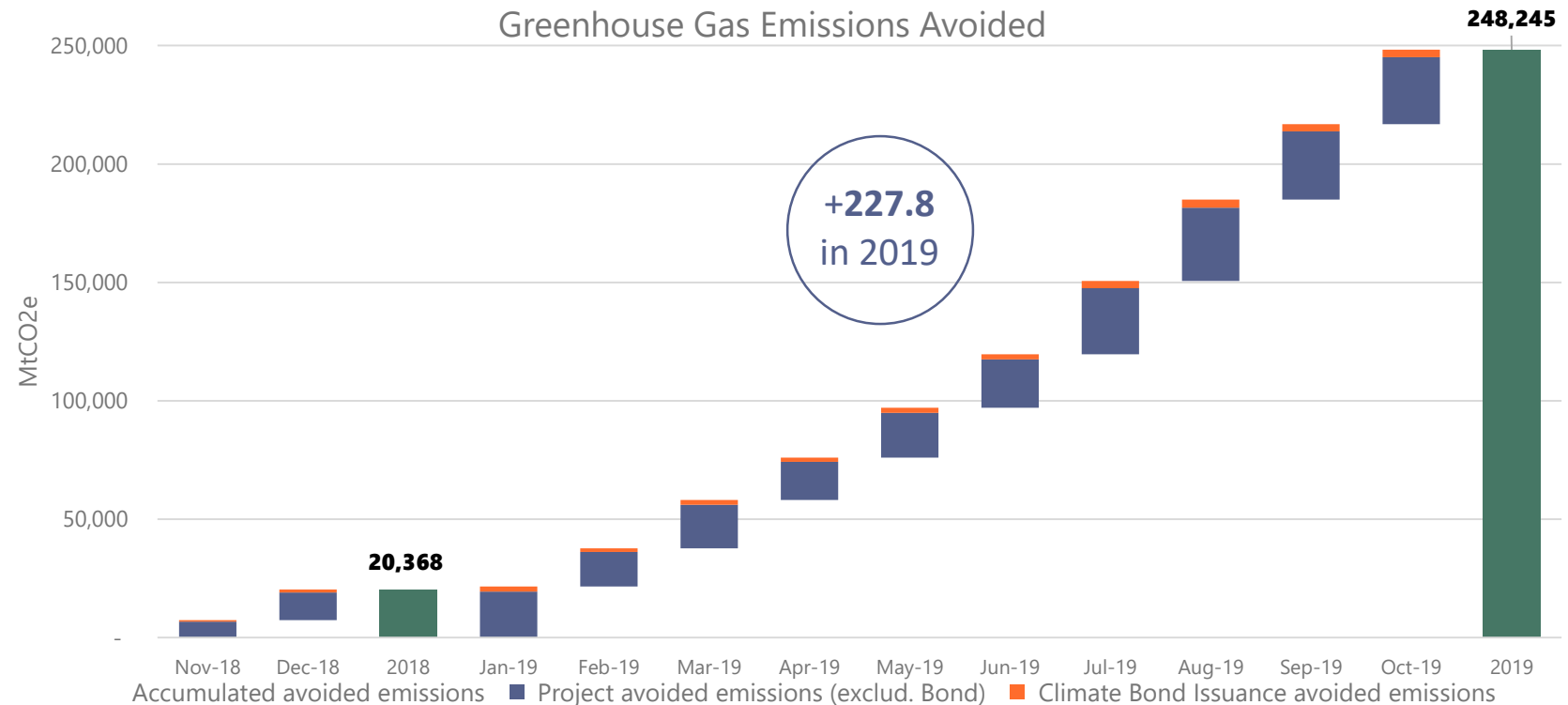


SERRA DA BABILÔNIA CARBON FOOTPRINT



Copacabana Geração de Energia e Participações S.A. issued its first Climate Bond in 2018, using the proceeds to finance construction expenses of **Serra de Babilônia Phase 1 wind project**. To quantify how much this wind project and its Climate Bond issuance contributed towards **reducing greenhouse gas emissions**, in comparison to alternative energy producing assets, **Rio Energy** reports metric tons of CO₂ equivalent emissions avoided.

This report uses the 5.0.0 tool, published by the secretariat of the United Nations Framework Convention on Climate Change, the Kyoto Protocol and the Paris Agreement (UNFCCC)¹, which determines the appropriate emission factor for an electricity system. Parameters are based on the available data released by Brazilian Ministry of Science and Technology² and updated annually.



1 Available at https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v2.pdf/history_view
2 Available at https://www.mctic.gov.br/mctic/opencms/ciencia/SEPED/clima/textogeral/emissao_despacho.html