

July, 30th 2021

Prony Resources New Caledonia (PRNC) is a nickel and cobalt producer with an open pit mine and hydro metallurgical processing plant, supplying high quality raw materials to battery manufacturers around the world.

Global demand for nickel is growing rapidly, mainly due to its essential role in battery production. Nickel therefore plays a vital role in enabling a low carbon future in which PRNC aims to become a leader.

PRNC has initiated a transition towards CO₂ neutrality by 2040, starting with a 50% reduction of CO₂ emissions within 10 years. Its ambition is therefore to provide renewable energy for mining operations and the metallurgical plant.

PRNC's operations run 24 hours per day, 365 days per year with a stable electricity demand throughout the day and minimal seasonal fluctuations. It aims to meet these power demands with renewable electricity consumption until 2030. After 2030, energy demands will increase due to additional electricity required to enable carbon capture and utilization technologies, hydrogen and potentially methanol production – the final pieces in the puzzle towards becoming CO₂ neutral by 2040.

The first step of this project is the installation of a 200 MWp renewable energy plant including battery storage. Both the solar PV plant and battery storage will become the biggest producers and battery storages of renewable energy in New Caledonia.

Prony Resources is proud to announce ongoing discussions with several energy partners to finance and start the operation of the renewable energy facilities in 2023.

Press contact :

Adélie Garaud Ballande

adelie.ballande@vale.com

(+687)76-09-20