



# NOUVEAU MONDE GRAPHITE

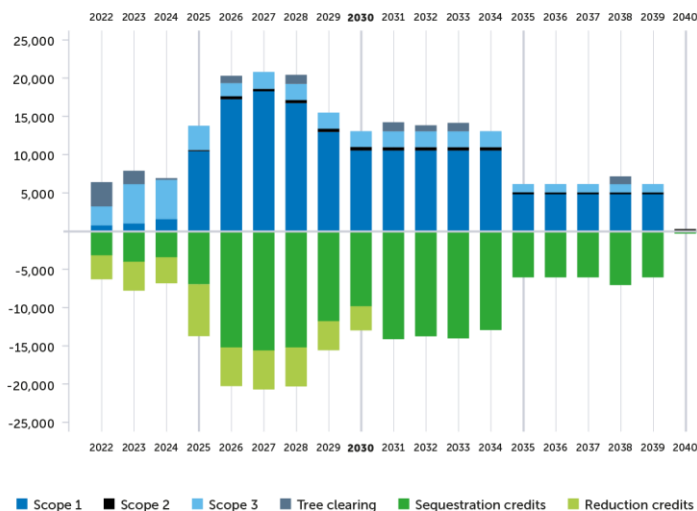
Assuming responsibility for its present and long-term impacts on people and the environment, **Nouveau Monde Graphite** (NYSE: NMG, TSX.V: NOU) is an integrated graphite company with a promise of responsible mining, environmentally friendly production, traceability, and carbon neutrality.

**NMG's business model is aligned with global decarbonization efforts, supplying the EV value chain and the clean energy transition.**

## POSITIVE SENSITIVITY TO CLIMATE OPPORTUNITIES

- » Graphite is **fundamental to lithium-ion batteries** and certain fuel cell technologies that enable the adoption of clean energies.
- » NMG's **responsible mining and manufacturing** are set to generate battery material with a carbon footprint of **1.23 kg CO<sub>2</sub>-eq per kg of CSPG**, an impact up to 11 times smaller than that of benchmarked production.
- » Already carbon neutral, NMG intends to reach **Net Zero by 2030** through various GHG reduction initiatives and offset projects. By 2030, 50% of all unabated emissions are targeted to be compensated through company-owned local sequestration projects, reducing financial exposure to carbon offset markets.
- » Projected to be the **world's first all-electric open pit mine** via partnership with Caterpillar to deploy zero-emission fleet by year 5 of Phase 2 of the Matawinie Mine.
- » Gradual implementation of TCFD recommendations to strengthen our **climate disclosure**.

## NMG'S PROJECTED INTEGRATED CARBON PROFILE



## CREATING SOCIAL AND ENVIRONMENTAL VALUE WHILE DRIVING THE TRANSITION TO A GREEN FUTURE

### Dry-stacking and co-disposal of tailings to prevent acid drainage and environmental liabilities



Results from NMG test cells validate the innovative tailing management approach developed on **best practice** requirements by the Toward Sustainable Mining Standard, the Global Industry Standard on Tailings Management, and the International Network for Acid Prevention.

### Water-neutral operation



Water management system developed around reuse, quality treatment and controlled return to the final effluent:

- » **96%** of water volumes required for ore concentration leveraged through closed loop
- » **100%** of water managed on site and released to the environment complied with quality criteria

### Progressive restoration throughout operations



Backfilling of the pit as early as Year 6 of production to minimize the mine's environmental footprint.

**Gradual vegetation** of the site with native species to restore habitats, prevent erosion, and limit land use change.

### Demonstrated innovation capacity



Proprietary thermochemical purification process, **free of harmful chemicals** such as hydrofluoric acid.

Investment in **R&D** to develop the next generation of green materials.

Fostering synergies with other industries in line with the **circular economy** approach.

Active contributor to the Global Battery Alliance's Battery Passport to support **environmental and social compliance** through the battery value-chain.

### Supporting opportunities for Indigenous peoples and businesses



Respect of the rights, culture, and traditional knowledge of Indigenous Peoples and commitment to build **mutually beneficial relationships**.

Framework Agreement (2018) and a Pre-Development Agreement (2019) signed with the Atikamekw First Nation; on-going discussions towards an Impact and Benefit Agreement.

Initiatives and mechanisms **supporting training, employment and business** opportunities:

- » **2%** of employees self-identify as Indigenous
- » **1%** of suppliers are Indigenous-owned and/or reported actively hiring Indigenous workers, corresponding to 1% of our procurement budget

### Partnered development with local communities



NMG ESG journey relies on continuous stakeholder engagement and constant monitoring of ESG impacts, risks, and opportunities using recognized sustainability and reporting frameworks.



## ESTABLISHED ESG GOVERNANCE

### Accountability

A2

- » [A2 sustainability rating](#) by Moody's ESG Solutions, second-highest grade on the Sustainability Rating scale
- » Continuous mapping of short-, medium- and long-term ESG risks and opportunities
- » Annual performance disclosure through NMG's [ESG report](#) and CDP
- » ESG strategy integration from Board to operational floor
- » Development of data management strategy for core ESG KPIs, ensuring quality and verifiable data for investors
- » Timely monitoring of sustainability trends and upcoming ESG-related regulations

## NMG'S COMMITMENTS TO SUSTAINABILITY ARE SUPPORTED BY TARGETS

### TO INTEGRATE ESG-LEADING PRACTICES AHEAD OF FULL-SCALE COMMERCIAL PHASE



<p><b>Achieved</b> Conduct a life cycle analysis on NMG's graphite materials by 2022 to understand and proactively manage the full impact of our production model</p>	<p><b>In progress</b> Engineer low-carbon infrastructure, deploy all-electric fleet by year 5 of Phase 2 of the Matawinie Mine and adopt clean energy sources and technologies in every other area of our operations as they become available</p>	<p><b>Achieved</b> Maintain or improve the Company's A2 sustainability rating</p>	<p><b>In progress</b> Ensuring compliance with our biodiversity protocols, launching site reclamation initiatives, and identifying opportunities for additional ecosystem compensation projects by 2023</p>	<p><b>In progress</b> Progressively increase diversity representation on the Board of Directors and Management Team by 2025</p>
<p><b>In progress</b> Adopt a water stewardship policy to strengthen our governance and practices by 2023</p>	<p><b>Achieved</b> Achieve a recordable incident rate below 2, as per the Occupational Safety and Health Administration ("OSHA") calculation</p>	<p><b>In progress</b> Certify 100% of our suppliers and contractors' compliance with our Suppliers Code of Conduct by 2023</p>	<p><b>In progress</b> Partner with at least 3% of suppliers that are Indigenous-owned, hire Indigenous labor and/or subcontract to Indigenous businesses as of 2025</p>	<p><b>In progress</b> Maintain our carbon neutrality status and transition to Net Zero by 2030</p>
<p><b>Achieved</b> Maintain our major environmental incidents track record at 0</p>		<p><b>In progress</b> Provide training on Indigenous awareness and unconscious bias to 100% of employees by 2023</p>	<p><b>Achieved</b> Meet 100% of quality standards for water treatment and final effluent at our Matawinie Mine, Phases 1 and 2</p>	

ESG data reflects 2021 reporting period unless otherwise stated.

All statements, other than statements of historical fact, contained in this fact sheet constitute "forward-looking information" or "forward-looking statements" within the meaning of certain securities laws, and are based on expectations, estimates and projections as of the time of this fact sheet. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company as of the time of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies.

These estimates and assumptions may prove to be incorrect. Moreover, these forward-looking statements were based upon various underlying factors and assumptions, including the timely delivery and installation of the equipment supporting the production, the Company's business prospects and opportunities and estimates of the operational performance of the equipment, and are not guarantees of future performance. Many of these uncertainties and contingencies can directly or indirectly affect, and could cause, actual results to differ materially from those expressed or implied in any forward-looking statements. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Forward-looking statements are provided for the purpose of providing information about management's expectations and plans relating to the future. The Company disclaims any intention or obligation to update or revise any forward-looking statements or to explain any material difference between subsequent actual events and such forward-looking statements, except to the extent required by applicable law. A further description of risks and uncertainties can be found in NMG's Annual Information Form dated March 22, 2022, including in the sections thereof captioned "Risk Factors", which is available on SEDAR at [www.sedar.com](http://www.sedar.com) and on EDGAR [www.sec.gov](http://www.sec.gov). Unpredictable or unknown factors not discussed in this Cautionary Disclaimer could also have material adverse effects on forward-looking statements.



## LET'S CONNECT

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