

# Sustainable Investments Research Intern at 15Rock



## ABOUT 15ROCK

15Rock is a company engaging in climate risk management and advisory services. They use AI platforms, advanced analytics, and financial models to offer innovative climate solutions for their clients.

## ROLE & RESPONSIBILITY

- Conduct research and analysis on sustainable investing with an emphasis on decarbonization, ESG integration, and climate risk management.
- Develop and test a range of environmental scenarios to inform strategic investment decisions and enhance the firm's risk assessment capabilities.
- Support the integration of ESG factors into business practices, evaluating their impact on financial performance to ensure alignment with regulatory frameworks.
- Collaborate with cross-functional teams to refine 15Rock's sustainable AI models, deliver comprehensive reports on strategic insights and ESG impacts, and pursue professional development to remain informed on industry trends.

## CALCULATING FINANCED EMISSIONS

- Created a whitepaper on the importance of calculating financed emissions of an organization, specifically for institutional investors such as pension funds.
- Used global sustainability standards such as the Greenhouse Gas Protocol, Partnership for Carbon Accounting Financials and data companies like PathZero.
- Used the databanks and sustainability standards to conduct an analysis of the importance for pension funds to reduce financed emissions in their portfolios using examples in Canada.



## DOUBLE MATERIALITY ASSESSMENT

- Applied the European Sustainability Reporting Standards (ESRS) Double Materiality framework to comprehensively assess ESG issues that could impact both the company's financial performance and the broader interests of stakeholders.
- By evaluating these risks and opportunities from both a financial and sustainability perspective, I provided in-depth insights and recommendations to senior management.
- This analysis supported informed decision-making and strategic planning, ensuring the organization remained aligned with regulatory requirements and stakeholder expectations.
- Conducted a comprehensive analysis of the Corporate Sustainability Reporting Directive (CSRD) standards to understand the regulatory impacts of the European Union's sustainability framework on the organization, as well as potential risks arising from non-compliance. I
- Laid out the steps involved in the Double Materiality assessment, using tools such as severity assessment matrices to thoroughly evaluate both financial and sustainability-related risks.
- This approach ensured a holistic evaluation of material ESG issues, providing a clearer understanding of their significance and guiding the company toward proactive risk management and compliance strategies.

