

The background of the entire page is a photograph of a man from behind, wearing a white hard hat, a high-visibility yellow safety vest with orange reflective stripes, a dark blue polo shirt, and blue jeans. He is holding a red handheld electronic device with a black cable attached to it. The setting appears to be an industrial or construction site, with stacks of blue and red shipping containers visible in the background under a clear blue sky. A thin blue line graphic curves around the text on the left side of the page.

# EMISSIONS MATERIALS THINKER

With the global focus shifting towards reducing greenhouse gas emissions, organizations need to be mindful of their carbon footprint, even beyond their own operations.

The **Emissions Materials Thinker** role involves a deep dive into the entire value chain, assessing the emissions impact of all activities, including those outside the organization's control, to identify opportunities for decarbonization and sustainability.

This role plays a crucial role in ensuring that organizations are taking action to reduce their environmental impact. By working closely with other sustainability-focused roles and using data-driven insights, they can help steer their organization towards a more sustainable future.



## RESPONSIBILITIES

- Work with [Waste Wealth Manager](#) and [Carbon CapEx Calculator](#) to maintain regular assessments of the organization's Scope 3 data
- Conduct research and analysis on materials used in the supply chain and their environmental impact on greenhouse gas emissions
- Identify and evaluate emerging technologies, materials, and processes that have the potential to reduce emissions and improve environmental sustainability
- Collaborate with cross-functional teams to design and implement emissions reduction strategies that are effective and sustainable
- Conduct lifecycle assessments to evaluate the environmental impact of products and processes from raw material extraction to disposal
- Analyze and interpret data to develop insights and recommendations for emissions reduction opportunities
- Communicate findings to stakeholders and participate in relevant industry forums and events to stay current on emerging trends and best practices
- Maintain a comprehensive understanding of regulatory requirements and industry standards related to emissions reduction and environmental sustainability.

## CANDIDATE REQUIREMENTS

- Bachelor's or advanced degree in material science, chemical engineering, or a related field
- Minimum of 5 years relevant experience in emissions reduction or environmental sustainability
- Experience using smart analytics tools to interpret data; demonstrable experience of translating such interpretations into practicable action
- Excellent communication and interpersonal skills, with the ability to work collaboratively with cross-functional teams
- Demonstrated ability to manage complex projects, prioritize and meet deadlines
- Understanding of relevant industry standards and regulatory requirements related to emissions reduction and environmental sustainability
- Passion for sustainability and making a positive impact on the environment
- Deep familiarity with the GHG Protocol, and substantial experience of translating its stipulations into meaningful action.

[Read the full paper to learn more](#) about the other emerging roles that are driving the intelligent transformation of supply chain operations.

## About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 340,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2021 global revenues of €18 billion.

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