

Mapping the Carbon Mitigation Landscape: Carbon Emission Management Trailblazers

December 2023: Complimentary Abstract / Table of Contents



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Background of the research

In the face of escalating climate change challenges, enterprises worldwide are feeling the heat to both comply with regulations and tap into the business benefits of sustainable practices. This landscape has spurred the evolution of Environmental, Social, and Governance (ESG) regulations and reporting frameworks across the globe. In the European Union (EU), the Corporate Sustainability Reporting Directive (CSRD) signifies a bold step beyond mere Greenhouse Gas (GHG) reporting. It introduces robust assurance and auditing measures. Meanwhile, in the US, obligatory reporting of GHG emissions is mandatory for significant emitters. Moreover, several states have enacted even more stringent legislation for emissions reporting, amplifying the compliance imperative.

However, the path to sustainability is not a solitary journey. Enterprises grapple with intricate challenges including diverse reporting standards, fragmented emission data trapped within siloed Enterprise Resource Planning (ERP) systems and value chains, and the daunting task of data aggregation and reporting. To tackle these hurdles, collaborative efforts are taking shape, with enterprises partnering with carbon emission management solution providers. These solution providers furnish a way forward by streamlining the emission data management, harmonizing disparate reporting frameworks, and creating a unified data repository as the bedrock for achieving net-zero goals.

In this research, **we assessed 10 leading carbon emission management platform start-ups, primarily focusing on their innovations, growth journeys, and the impact created by them in the market.** The assessment is based on primary interactions with select organizations coupled with Everest Group's ongoing tracking of the carbon emission management landscape.

Scope of this report



Geography
Global



Technology
Carbon emission management platform



Trailblazers
The leading carbon emission management platform start-ups

Overview and abbreviated summary of key messages

This report examines the global carbon emission management platform provider landscape and its impact on the enterprise net zero journey. It focuses on 10 leading carbon emission management platform start-ups, primarily focusing on their innovations, growth journeys, and the impact created by them in the market.

Some of the findings in this report, among others, are:

Enterprise net zero journey

- The enterprise value chain captures Scope 1,2, and 3 emissions in its downstream and upstream activities
- Carbon emission management is a complex process to track, monitor, and report; for visualizing enterprise net zero journey

Market overview

- Carbon emission management solutions landscape has big tech and niche players
- With over 50% of the net zero service engagements focusing on carbon data management, the demand for these solutions are accelerating

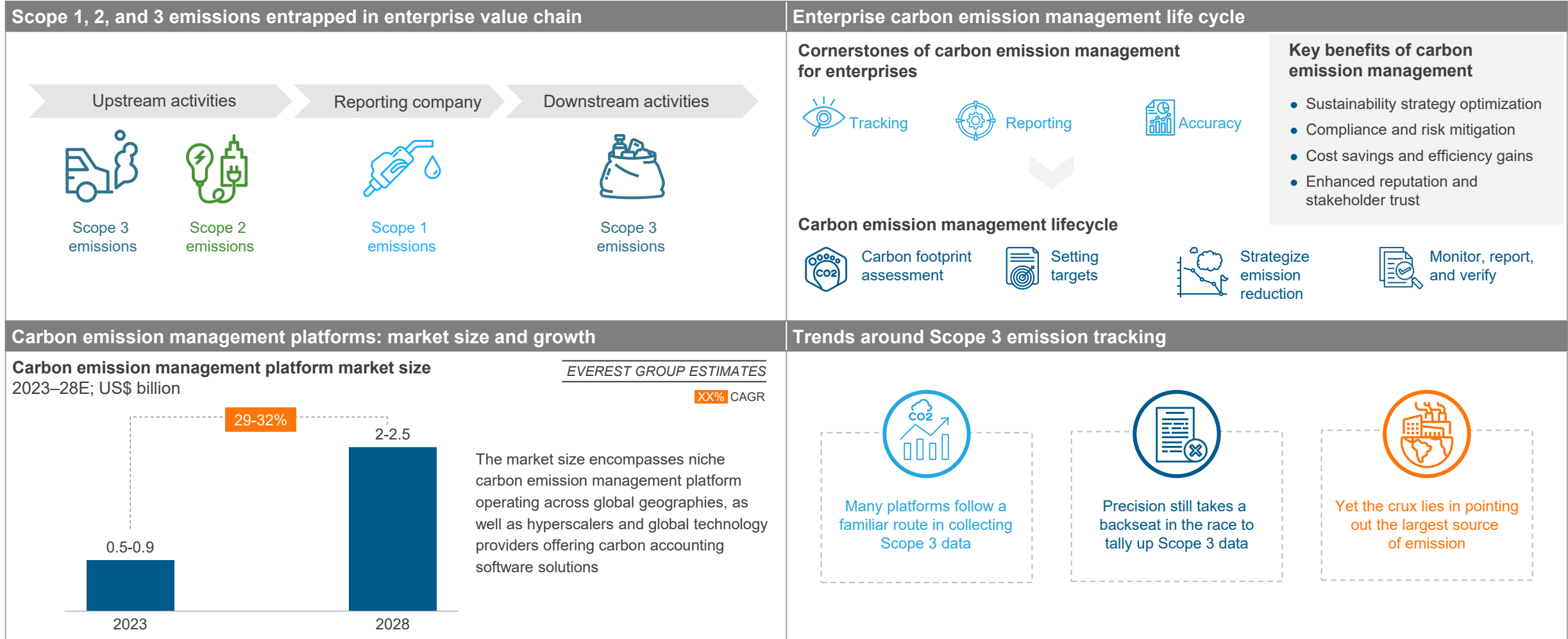
Market trends

- The carbon emission management market is experiencing a surge in new products launched by the ecosystem players, while investors express interest in niche platforms
- Sustainability and carbon data reporting acquisitions surged 1.75 times in the past two years, signaling ongoing industry consolidation

Trailblazers

- After analyzing 50+ startups in the space around 10 trailblazing firms were identified that are helping enterprises to seamlessly manage their carbon emissions
- Everest Group comprehensively analyzes these start-ups across multiple parameters that showcase their disruptive capabilities and market impact

This study offers 8 distinct chapters providing a deep dive into key aspects of carbon emission management solutions market; below are four charts to illustrate the depth of the report



Research calendar

Sustainability Technology and Services

■ Published
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Reports title	Release date
Sustainability Enablement Technology Services PEAK Matrix® Assessment 2022	June 2022
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