

Carbon Accounting Software

ANMD-MRS14-133 · Carbon Management & Climate Technologies

A Global Sustainability Due Diligence & Market Research Study

History 2020–2024 · Base Year 2025 · Forecast 2025–2032 · Outlooks 2035 / 2040 / 2050 · Currency US\$

WHY THIS REPORT

Carbon accounting software measures, manages and reports an organisation's greenhouse-gas emissions across Scopes 1, 2 and 3 — the data backbone of corporate climate action and disclosure. The technology spans enterprise accounting, SME tools, product-LCA footprinting, financed-emissions and net-zero planning. This decision-grade study sizes the global market three ways — value, deployments and tonnes accounted — across platform type, deployment, application and end-user, across seven regions and four scenarios to 2032, with outlooks to 2050.

SUSTAINABILITY & SDG IMPACT — THE ANMD LENS

Sustainability here is informational and systemic — accounting is the foundation of all credible climate action. Reliable measurement enables disclosure and decarbonisation, while weak data risks greenwashing, making data integrity and methodology transparency the decisive variables.

Mapped Sustainable Development Goals:

SDG 13 Climate Action	SDG 9 Industry & Innovation	SDG 12 Responsible Consumption	SDG 7 Affordable Clean Energy	SDG 17 Partnerships for Goals
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Measurable sustainability outcomes assessed:

- Audit-ready, mandatory-grade emissions disclosure
- A decision base for corporate decarbonisation
- Scope 3 and financed-emissions transparency
- Data integrity, double-counting and greenwashing as material risks

Framework alignment: Double materiality mapped to GRI, SASB, ISSB, TCFD, TNFD, CSRD and the EU Taxonomy, with greenwashing and SDG-washing screens applied throughout.

WHAT'S INSIDE AT A GLANCE

53 Chapters	9 Report Parts	7 Regions Covered	40+ Country Markets
2025–32 Forecast Horizon	4 Forward Scenarios	25+ Companies Profiled	5 SDGs Mapped

REPORT COVERAGE

Geographic scope: North America, Europe, Asia Pacific, Latin America, Africa, Middle East and Rest of World — with named country intelligence. Europe is the regulation leader (Germany, France, United Kingdom, Netherlands) on CSRD; North America is disclosure-driven (United States) on SEC and California rules; Asia Pacific is the fastest-growing engine; other regions assessed on their own merits.

MARKET OVERVIEW

From voluntary reporting to mandatory, audit-grade disclosure infrastructure.

Carbon accounting software is moving from voluntary reporting to mandatory, audit-grade disclosure infrastructure. Demand is driven by CSRD, SEC and ISSB rules, SBTi targets and supply-chain pressure, against data-quality gaps, standard fragmentation and market crowding. The market is read three ways — value, deployments and tonnes accounted — and forecast under four scenarios, each region reported separately.

- **Europe leads on regulation** — Germany, France, the United Kingdom and the Netherlands, on the CSRD mandatory-disclosure regime
- **North America scales on disclosure** — United States and Canada, on SEC climate rules, California mandates and net-zero commitments
- **Asia Pacific grows fastest** — Japan, Australia and India, on ISSB adoption and export-market disclosure pressure
- **Audit-grade data is the differentiator** — verifiable, primary-data accounting separates compliance-ready platforms from estimate-only tools

REGIONAL OUTLOOK

Across seven reporting regions, the report separates deployment leaders from high-growth and emerging markets — each profiled in full rather than aggregated into Rest of World.

Region	Stage	Lead Country Markets & Drivers
Europe	Regulation leader	Germany, France, United Kingdom, Netherlands — CSRD mandatory disclosure
North America	Disclosure-driven	United States, Canada — SEC rules, California mandates
Asia Pacific	Fastest growth	Japan, Australia, India — ISSB, export disclosure
Middle East	Emerging	UAE, Saudi Arabia — net-zero strategy, sovereign reporting
Latin America	Emerging	Brazil, Chile — disclosure adoption, supply-chain pressure
Africa	Frontier	South Africa, Kenya — export-market reporting, ESG demand

KEY MARKET DRIVERS & RESTRAINTS

Drivers	Restraints
<ul style="list-style-type: none"> • CSRD, SEC & ISSB disclosure mandates • SBTi & corporate net-zero targets • Supply-chain & investor pressure • Scope 3 & financed-emissions complexity • AI-assisted data automation 	<ul style="list-style-type: none"> • Data-quality & Scope 3 estimation gaps • Standard fragmentation & methodology shifts • Integration & ERP-data complexity • Market crowding & commoditisation • Assurance & audit-readiness burden

SEGMENTATION SNAPSHOT

By Platform Type	Enterprise carbon-accounting · SME tools · product-LCA / footprinting · financed-emissions · net-zero planning
By Deployment	Cloud SaaS · API / embedded · consulting-led
By Application	Enterprise · SME · product / supply chain · financial sector
By End User	Corporates · financial institutions · public sector · SMEs
By Business Model	SaaS subscription · usage-based · consulting-led
By Scale	Departmental · enterprise · group / portfolio

TABLE OF CONTENTS — PARTS & CHAPTERS

The full report is organised into nine parts across 53 chapters, listed below. Detailed sub-headings, country tables and directories are provided in the full report.

Part I — Report Foundation, Discovery and Strategic Intelligence

- › Chapter 1. Scope, Methodology and Report Architecture
- › Chapter 2. Industry Discovery Summary — Carbon Accounting Software
- › Chapter 3. Executive Intelligence and Decision Dashboard
- › Chapter 4. Strategic Findings, Materiality and Investment Verdict Preview

Part II — Market Intelligence, Sizing, Forecasting and Segmentation

- › Chapter 5. Industry Overview and Market Evolution
- › Chapter 6. Market Dynamics
- › Chapter 7. Global Market Size and Forecast, 2020–2032
- › Chapter 8. Market Segmentation Analysis
- › Chapter 9. End-User and Demand-Side Intelligence
- › Chapter 10. Pricing, Cost and Commercial Model Intelligence

Part III — Regional and Country Intelligence

- › Chapter 11. Global Regional Intelligence Framework
- › Chapter 12. North America Market Intelligence
- › Chapter 13. Europe Market Intelligence
- › Chapter 14. Asia Pacific Market Intelligence
- › Chapter 15. Latin America Market Intelligence
- › Chapter 16. Africa Market Intelligence
- › Chapter 17. Middle East Market Intelligence
- › Chapter 18. Rest of World Market Intelligence

Part IV — Technology, Innovation and Category-Specific Intelligence

- › Chapter 19. Technology Landscape and Architecture
- › Chapter 20. Emerging and Next-Generation Technology Intelligence
- › Chapter 21. Category-Specific Intelligence Module
- › Chapter 22. Research, Innovation and Funding Landscape

Part V — Company, Competition, Patent and Project Intelligence

- › Chapter 23. Competitive Landscape
- › Chapter 24. Company Profiles
- › Chapter 25. Mergers, Acquisitions, Partnerships and Ecosystem Intelligence
- › Chapter 26. Patent Landscape and Intellectual Property Intelligence
- › Chapter 27. Project, Deployment and Case-Study Intelligence

Part VI — Sustainability, ESG, SDG, Climate and Natural-Capital Intelligence

- › Chapter 28. Sustainability Intelligence Suite
- › Chapter 29. ESG Intelligence and Double Materiality
- › Chapter 30. ESG and Sustainability Framework Alignment
- › Chapter 31. SDG Intelligence
- › Chapter 32. Carbon, Net-Zero and Climate-Mitigation Intelligence
- › Chapter 33. Water, Biodiversity and Natural-Capital Intelligence
- › Chapter 34. Circular Economy and Resource-Security Intelligence
- › Chapter 35. Social Impact, Human Capital and Community Intelligence
- › Chapter 36. Climate Risk, Adaptation and Resilience Intelligence

Part VII — Supply Chain, Policy, Legal, Economics and Finance

- › Chapter 37. Value Chain, Supply Chain and Geopolitical Intelligence
- › Chapter 38. Policy, Regulation and Incentive Intelligence
- › Chapter 39. Legal, Contracting and Risk-Allocation Intelligence
- › Chapter 40. Unit Economics, CAPEX, OPEX and Return Analysis
- › Chapter 41. Investment, Sustainable Finance and Bankability Intelligence

Part VIII — Scenario, Future Intelligence and Final Due Diligence Verdict

- › Chapter 42. Scenario Analysis and Future Intelligence
- › Chapter 43. Sustainability Due Diligence Framework and Data-Room Index
- › Chapter 44. Risk Register, RAG Rating and Anti-Greenwashing Screen
- › Chapter 45. Bottom-Line Verdict and Strategic Recommendations
- › Chapter 46. Implementation Roadmap and Stakeholder Playbooks

Part IX — Annexes, Directories and Reference Material

- › Chapter 47. Methodology Annex
- › Chapter 48. Corporate Directory and Company Intelligence Annex
- › Chapter 49. Patent Directory and Patent Intelligence Annex
- › Chapter 50. Project Intelligence Annex
- › Chapter 51. Forecast Annex
- › Chapter 52. Sustainability KPI Annex
- › Chapter 53. Reference Annexes

COMPETITIVE & INVESTMENT SNAPSHOT

The competitive field spans dedicated carbon-accounting specialists, enterprise-software platform extensions, and consulting-led players. Deal activity — M&A, technology acquisition and platform expansion — signals a market consolidating around scalable, bankable, deployment-ready solutions.

Representative players profiled in the full report:

Watershed Technology, Inc. · Persefoni AI, Inc. · Sweep SAS · Salesforce, Inc. (Net Zero Cloud) · Microsoft Corporation (Sustainability Cloud) · and further profiled specialists and platforms

Investment intelligence: venture, infrastructure, development, climate and blended finance, green bonds and sustainability-linked loans — culminating in a bankability assessment and a clear investment verdict.

KEY QUESTIONS THIS REPORT ANSWERS

- ? How large is the global carbon accounting software market, and how fast will it grow to 2032?
- ? Which regions, regulations and platform types offer the strongest risk-adjusted opportunity?
- ? How do audit-grade data, Scope 3 coverage and assurance change the value proposition?
- ? Who leads, and where is the competitive and patent white space?
- ? Is the investment case bankable — and under what conditions?
- ? How does the category align with the SDGs and mandatory disclosure regulation?

WHY ANMD — THE DIFFERENCE

Most market studies stop at tonnes and revenue. This report is built as a sustainability due diligence instrument — fusing market sizing with ESG, SDG, climate, carbon-integrity and natural-capital intelligence and a decision-ready bankability verdict in a single architecture.

- **Triangulated sizing** — every market read three ways (value (US\$), deployments and tonnes accounted) so value, capacity and volume views reconcile rather than conflict.
- **Region-honest forecasting** — Latin America, Africa and the Middle East reported in full, never hidden inside Rest of World, every forecast resolved to the 2025 base year.
- **Integrated evidence base** — company, patent and project databases linked to the analysis, with published-filing patents and FTO treated as an indicator, not a legal conclusion.
- **No-fabrication discipline** — every estimate carries a data-confidence rating and disclosed sources; gaps are flagged for further diligence, never filled with invented numbers.
- **Anti-greenwashing rigour** — SDG-washing and greenwashing screens plus claim-substantiation checks built into the ESG and project analysis.
- **Decision-first structure** — 9 Parts and 53 Chapters culminating in stakeholder playbooks and a clear, conditions-based investment verdict.

WHO SHOULD BUY THIS REPORT

Investors and venture / PE funds, corporates and CFO / sustainability teams, financial institutions, software platforms and consultancies, auditors and assurance providers, policymakers, lenders and ESG teams, plus strategic corporate planners and decision-makers.

Access the Full Report

The complete report delivers all 53 chapters in full, with every sub-heading, country table, company and patent directory, forecast model and due diligence checklist.

Purchase at www.anewmarketdynamics.com · Standard & Premium licences · Single-Site (SSL) and Global-Site (GSL) options at checkout.

Want the Complete Detailed Table of Contents?

This prospectus lists the nine parts and 53 chapters. The complete detailed table of contents — every sub-heading, country table, exhibit, company and patent directory and annex — is available on request to registered users. To receive it, register with your official company email at www.anewmarketdynamics.com. The full detailed table of contents will be sent directly to your registered company email address.