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ANMD-MRS18-179

# AI-DRIVEN DEFORESTATION MONITORING

***A Global Sustainability Due Diligence and Market Research Study***

Shortened Table of Contents

## Market Snapshot

| | | | |
|---|---|---|---|
| **US$ 1,350.0m**<br>2025A market value | **US$ 1,579.4m**<br>2026E market value | **US$ 4,050.0m**<br>2032F forecast | **17.0%**<br>CAGR 2025A to 2032F |
| **7 regions**<br>Geographic coverage | **18 modules**<br>Country modules | **785 exhibits**<br>Including 107 charts | **231 + 44**<br>Organizations and patent records |
| **2020–2032**<br>Historical data and forecasts | **Global**<br>Regional and country coverage | | |

## Report Facts

| Report Attribute | Coverage |
|---|---|
| Report code | ANMD-MRS18-179 \| Environmental AI Applications |
| Published | September 2026 |
| Study periods | History 2020H to 2024H \| Actual 2025A \| Estimate 2026E \| Forecast 2027F to 2032F |
| Length | 355 pages \| 34 chapters \| 7 appendices \| 785 exhibits including 107 charts |
| Geography | 7 regions \| 18 country modules \| Residual regional groupings |
| Segmentation | 4 headline product segments plus six non-additive cuts by sensing modality, application, end user, business model, deployment scale and output type |
| Directories | 231 organizations based in 30 countries \| 44 patent records from 7 patent offices |
| Licences | Single-User License (SUL) \| Global Corporate License (GCL) |

*This shortened table of contents presents the chapter architecture, main sections and selected exhibits. The detailed table of contents and sample pages are available to registered users at www.anewmarketdynamics.com.*

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Part I

# Study Framework, Executive Brief and Global Market

*Study conventions, headline market findings, methodology and the global and regional analytical foundation.*


| No. | Chapter, Main Sections and Selected Exhibits | Exhibits | Page |
|---|---|---|---|
| 1 | **About This Report**<br>Methodology and quality control • Report organization and reader's guide • Reporting conventions • Scope, inclusion and exclusion rules • Units, currency and annualization • Evidence grades and range-estimate policy • Status and identity discipline • Exhibit, source-note and QA controls<br>**Selected exhibits** *Exhibit 1: Notation and Year Conventions Used in This Report \| Exhibit 2: Market Boundary — Inclusions and Exclusions* | 2 | 1 |
| 2 | **Executive Market Brief**<br>Key market developments • Market in brief • Market outlook in five statements • Regional and country market outlook • Policy and classification environment • Key findings, risks and adoption constraints • Implications by stakeholder type • Indicators, development timeline and topic signals<br>**Selected exhibits** *Exhibit 3: Global Market Value by Segment, 2020H–2032F \| Exhibit 4: Regional Value, 2025A and 2032F, with CAGR* | 4<br>1 chart | 3 |
| 3 | **Executive Summary and Market Metrics Dashboard**<br>What changed this year • What the market is worth and why • Regional and country opportunity ranking • Policy and classification outlook • What the integrated analysis adds • Where the risks are • Observed deployment outcome patterns • Topic-specific dashboard<br>**Selected exhibits** *Exhibit 7: Global Market Metrics at a Glance, 2026E versus 2032F \| Exhibit 9: Country Opportunity Ranking by 2032F Value (Top 12)* | 4<br>2 charts | 6 |
| 4 | **Global Market — Dynamics, Size and Outlook**<br>Industry background and origins • Industry structure and participant map • Market drivers • Market restraints and challenges • Opportunities and strategic frameworks • Strategic framework tables • Global market size and forecast • Model conversion logic • Primary boundary and status discipline • Applications, pathways and measurement basis<br>**Selected exhibits** *Exhibit 11: Components of an AI Deforestation-Monitoring System \| Exhibit 16: Global Market Value, 2020H–2032F* | 8<br>1 chart | 8 |
| 5 | **Regional Markets — Seven-Region Overview**<br>Regional dashboard • Regional value and share comparison • Regional demand character • Regional opportunity ranking • Topic-specific regional map<br>**Selected exhibits** *Exhibit 19: Regional Value by Year, 2020H–2032F \| Exhibit 22: Regional Share of Global Value, 2025A vs 2032F* | 5<br>2 charts | 15 |
| 6 | **How to Read the Country Modules**<br>Module structure and conventions • Full-format and consolidated modules • Data bases and rounding • Country-module data requirements | 0 | 18 |


Part II

# Regional, Country, Segmentation and Demand Analysis

*Seven-region coverage, 18 country modules and the market series used to compare value, segment mix and demand.*


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| 7 | **North America — Regional Analysis and Country Modules**<br>United States • Canada • Rest of North America • Country comparison<br>**Highlights** *Value, segment and overlay series for each country \| Policy matrices and deep dives for the United States and Canada* | 77<br>11 charts | 19 |
| 8 | **Europe — Regional Analysis and Country Modules**<br>United Kingdom • Netherlands • Germany • France • Norway-led Nordics • Rest of Europe • Country comparison<br>**Highlights** *Value, segment and overlay series for five country modules \| Policy matrices for the EU Deforestation Regulation, the UK Environment Act 2021 and the German LkSG* | 176<br>23 charts | 46 |
| 9 | **Asia Pacific — Regional Analysis and Country Modules**<br>Indonesia-facing Southeast Asia • India • Australia • Japan • Rest of Asia Pacific • Country comparison<br>**Highlights** *Value, segment and overlay series for four country modules \| Peatland moratorium, Forest Survey of India and Clean Wood Act readings* | 143<br>19 charts | 109 |
| 10 | **Latin America — Regional Analysis and Country Modules**<br>Brazil • Colombia • Peru • Rest of Latin America • Country comparison<br>**Highlights** *Value, segment and overlay series for three country modules \| PPCDAm, Amazon Fund, Visión Amazonía and Geobosques readings* | 110<br>15 charts | 159 |


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| 11 | **Africa — Regional Analysis and Country Modules**<br>DRC-facing Central Africa • Ghana • Kenya • Rest of Africa • Country comparison<br>**Highlights** *Value, segment and overlay series for three country modules \| CAFI, Ghana Cocoa Forest REDD+ Programme and REDD+ readiness readings* | 110<br>15 charts | 197 |
| 12 | **Middle East — Regional Analysis and Country Modules**<br>United Arab Emirates • Rest of Middle East • Country comparison<br>**Highlights** *Value, segment and overlay series for the United Arab Emirates \| Nature-and-climate investment and carbon-platform readings* | 44<br>7 charts | 235 |
| 13 | **Rest of World — Regional Analysis and Country Modules**<br>Regional overview and dashboard • Rest of World grouping • Country comparison<br>**Highlights** *Residual value and segment series \| Dispersed forest-risk and program markets* | 11<br>3 charts | 250 |
| 14 | **Global Market Reporting — Master Series and Reference Tables**<br>Global master series • Regional master series • Country reference tables<br>**Selected exhibits** *Exhibit 695: Global Master Series by Segment, Panel A: 2020H–2026E \| Exhibit 699: Country Value Reference, 2025A and 2032F* | 5 | 254 |
| 15 | **Global Segmentation Analysis**<br>Product-type segmentation (primary market split) • Separately quantified secondary segmentation • Overlay axes full annual series • Full annual segment series • Cross-tabulation and additivity rules<br>**Selected exhibits** *Exhibit 701: Global Sensing Modality Composition, 2025A \| Exhibit 704: Global Application, 2025A* | 27<br>7 charts | 256 |
| 16 | **Demand Signals and Forward Indicators**<br>Structural demand signals • EUDR compliance wave and traceability demand • Economic and adoption signals • Indicator dashboard • Leading indicators<br>**Selected exhibits** *Exhibit 727: Forward Indicator Dashboard* | 1 | 264 |
| 17 | **Adjacent-Market Enablers**<br>Adjacent enabler landscape and interfaces • Enabling infrastructure and platforms • Financing and service enablers • Topic-specific interfaces<br>**Selected exhibits** *Exhibit 728: Adjacent Enablers and Interfaces* | 1 | 265 |


Part III

## Competition, Engineering, Innovation, Sustainability and Policy

*Competitive structure and organization profiles alongside technology, research, sustainability due diligence, value chain and policy.*


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| 18 | **Competitive Analysis and Company Profiles**<br>Market shares and concentration reading • Company profiles for North America, Europe, Asia Pacific and Latin America • Component, technology and specialist participants • Distribution, service and delivery organizations • Participant coverage<br>**Selected exhibits** *Exhibit 729: Structural Positioning by Participant Class \| Exhibit 745: Component, Technology and Specialist Participants* | 18 | 266 |
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| 25 | **Policy, Regulation, Legal Structures and Integrated Risk**<br>Environmental-regulatory and data-policy frameworks • Program architecture by jurisdiction • Standards and certification • Legal structures for delivery • Integrated policy risk • Permitting, data and evidence requirements<br>**Selected exhibits** *Exhibit 761: Integrated Policy Risk* | 1 | 309 |


Part IV

## Risk, Economics, Implementation and Outlook

*Observed outcome patterns, strategic SWOT, risks, stakeholder implementation, community inclusion, economics, outlook, KPIs and the directories.*


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| 28 | **Risk Factors Identified**<br>Integrated risk register • Likelihood-and-impact reading • Mitigants and watch indicators<br>**Selected exhibits** *Exhibit 767: Integrated Risk Register* | 1 | 314 |
| 29 | **Observed Implementation Patterns by Stakeholder**<br>Manufacturers and providers • Distributors, integrators and installers • End users and buyer organizations • Governments and programs • Financiers and insurers • Implementation criteria<br>**Selected exhibits** *Exhibit 768: Buyer Decision Criteria by Stakeholder* | 1 | 315 |
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