

Smart Parking Management Systems

ANMD-MRS28-276 · Smart City & Infrastructure AI

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

Smart parking management systems combine in-ground and overhead parking sensors, guidance and wayfinding systems, and parking-management software to cut search traffic, raise space utilisation and improve enforcement. By making real-time availability visible and bookable, they turn scarce kerb and garage space into a managed, revenue-generating asset. This report is a comprehensive, decision-grade study of that market across system type, guidance-system type, application, end user, business model and deployment scale, spanning history 2020–2024, a 2025 base year, a 2025–2032 forecast and long-term outlooks to 2035, 2040 and 2050.

SUSTAINABILITY & SDG IMPACT — THE ANMD LENS

The sustainability case is the report's backbone. Beyond convenience, smart parking delivers measurable search-traffic and emissions reduction, kerb-efficiency and access equity, strengthening the livable-cities story. The analysis applies double materiality, maps outcomes to GRI, SASB, ISSB, TCFD, CSRD and the EU Taxonomy, and links contributions to SDGs 11, 13 and 3. Vehicle-tracking privacy, payment security, equitable pricing and cybersecurity are treated as material risks — with greenwashing and SDG-washing screens applied throughout.

Mapped Sustainable Development Goals:

SDG 11 Sustainable Cities	SDG 13 Climate Action	SDG 3 Good Health
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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	3 SDGs Mapped

MARKET OVERVIEW

Smart parking is moving from sensor pilots to integrated kerb-and-garage management.

Demand is driven by congestion and emissions from parking search, kerb-revenue optimisation, and app-based mobility expectations. The market is read two ways — value and units (sensors / managed spaces), with managed-space penetration as a maturity lens — forecast under conservative, base, accelerated and disruption scenarios, every projection resolved to the 2025 base year and each region reported separately rather than folded into Rest of World.

- Europe leads kerb management, anchored by dense cities, low-emission zones and advanced guidance deployments.
- North America scales on app-based parking, with strong mobile-payment and enforcement-integration adoption.
- Asia Pacific is the growth engine, as Chinese and Indian metros deploy sensors and guidance at scale.
- System and application segment the value, across sensors, guidance and software, and across on-street, off-street and mixed use.

REGIONAL OUTLOOK

Across the seven reporting regions, the report separates deployment leaders from high-growth and emerging markets, profiling named country sub-markets, policy regimes and project pipelines in each. Latin America, Africa and the Middle East are assessed on their own merits — never aggregated into Rest of World — and every forecast resolves to the 2025 base year.

Region	Stage	Lead Country Markets & Drivers
Europe	Kerb-management leader	Germany, UK, France — dense cities, LEZ, guidance deployments
North America	App-based scale	United States, Canada — mobile payment, enforcement integration
Asia Pacific	Growth engine	China, India — sensor and guidance build-out in metros
Latin America	Emerging	Brazil, Mexico — kerb digitisation, operator concessions
Africa	Frontier	South Africa — managed-parking pilots
Middle East	Frontier	UAE, Saudi Arabia — smart-city parking megaprojects

KEY MARKET DRIVERS & RESTRAINTS

Drivers	Restraints
• Parking-search congestion & emissions • Kerb-revenue & enforcement optimisation • App-based mobility & payment expectations • Low-emission-zone & access management • Sensor, LPR & guidance-tech maturity	• Sensor accuracy & maintenance cost • Integration with payment & enforcement • Data-privacy of vehicle tracking • Procurement and concession complexity • Cybersecurity of payment systems

SEGMENTATION SNAPSHOT

By System Type	Parking sensors (in-ground / overhead) · guidance & wayfinding · management software
By Guidance System	Sign-based · app-based · camera / LPR · hybrid
By Application	On-street · off-street / garage · mixed
By End User	Municipalities · parking operators · transit agencies · property owners
By Business Model	CAPEX purchase · SaaS · concession / revenue-share · managed-service
By Deployment Scale	Pilot · district · citywide

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.

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- › Chapter 2. Industry Discovery Summary — Smart Parking Management Systems
- › Chapter 3. Executive Intelligence and Decision Dashboard
- › Chapter 4. Strategic Findings, Materiality and Investment Verdict Preview

PART II — MARKET INTELLIGENCE, SIZING, FORECASTING AND SEGMENTATION

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COMPETITIVE & INVESTMENT SNAPSHOT

The competitive field spans parking-technology vendors, platform specialists and integrated system providers. Profiled players include Siemens Mobility GmbH, Cleverciti Systems GmbH, Smart Parking Limited, Nedap N.V. and Flowbird SAS. Other profiled names include IPS Group, Inc., ParkMobile, LLC, Passport Labs, Inc., SpotHero, Inc. and Conduent Incorporated. Deal activity — parking-software acquisitions, payment-platform partnerships and citywide concession contracts — signals a market consolidating around integrated kerb-management platforms. Investment intelligence spans venture, growth, infrastructure, climate and blended finance, green bonds and sustainability-linked loans, culminating in a bankability assessment and investment verdict.

KEY QUESTIONS THIS REPORT ANSWERS

- ? How large is the global smart parking management systems market, and how fast will it grow to 2032?
- ? Which regions, countries and segments offer the strongest risk-adjusted opportunity?
- ? How do technology and adoption shifts change value versus legacy approaches?
- ? 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 disclosure regulation?

WHY ANMD — THE DIFFERENCE

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

- **Triangulated sizing** — every market read three ways so value, volume and installed-base 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, conditional investment verdict.

WHO SHOULD BUY THIS REPORT

Investors and infrastructure / PE funds, parking-technology vendors and OEMs, municipalities and parking operators, mobility and curb-management leaders, lenders and procurement leaders, regulators and policymakers, and corporate strategy and ESG teams — alongside 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.

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