ANMD-MRS27-270 · Smart Campus Technologies

Campus Shuttle Tracking & EV Charging Infrastructure

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

Campus shuttle tracking and EV charging infrastructure electrifies and digitises campus mobility by combining real-time shuttle tracking, EV charging management and electric shuttles into integrated, sustainable transport systems. This decision-grade study sizes the global market three ways — value, campuses served and shuttles/chargers deployed — across component, capability and deployment model, across seven regions and four scenarios to 2032, with outlooks to 2050.

SUSTAINABILITY & SDG IMPACT — THE ANMD LENS

Sustainability is this report's backbone, not an afterthought. Beyond service, campus mobility delivers measurable transport-decarbonisation, air-quality and energy-efficiency outcomes, while smart charging strengthens the grid-integration and natural-capital story.

Mapped Sustainable Development Goals:

SDG 11	SDG 13	SDG 7
Sustainable Cities & Communities	Climate Action	Affordable & Clean Energy

Measurable sustainability outcomes assessed:

- Transport-decarbonisation and air-quality gains
- Energy efficiency and smart-charging optimisation
- Reliable, rider-friendly low-carbon mobility
- Battery embodied carbon, end-of-life circularity and grid-impact 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	**9**	**7**	**40+**
Chapters	Report Parts	Regions Covered	Country Markets
2025–32	**4**	**25+**	**3**
Forecast Horizon	Forward Scenarios	Companies Profiled	SDGs Mapped

MARKET OVERVIEW

From diesel shuttles to electrified, tracked transport — decarbonised, optimised campus mobility.

The campus mobility market is moving from diesel shuttles and ad-hoc charging to electrified, tracked and managed transport. Demand is driven by campus-decarbonisation goals meeting EV-fleet transition, supported by maturing charging and telematics ecosystems across North America, Europe and Asia Pacific. The market is read three ways — value, campuses served and shuttles/chargers deployed — and forecast under four scenarios, each region reported separately.

- North America leads electrification — the United States and Canada, on sustainability commitments, EV-shuttle grants and charging build-out
- Europe is accelerating — the United Kingdom, Germany, Netherlands and Nordics, on electric fleets under decarbonisation mandates
- Component and capability segment the value — across shuttle-tracking, EV-charging and electric-shuttle components
- Integrated mobility is the differentiator — tracking, charging and fleet management on one platform, increasingly mobility-as-a-service

REGIONAL OUTLOOK

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

Region	Stage	Lead Markets & Drivers
North America	Electrification leader	United States, Canada — sustainability commitments, EV-shuttle grants, charging build-out
Europe	Accelerating	United Kingdom, Germany, Netherlands, Nordics — electric fleets, charging, decarbonisation mandates
Asia Pacific	Scale engine	China, Japan, South Korea, India — large fleets, EV and charging rollout
Latin America	Emerging	Brazil, Chile — campus-mobility electrification
Africa	Frontier	South Africa, Kenya — clean-transport pilots, solar-charging campuses
Middle East	Frontier	UAE, Saudi Arabia — smart-mobility investment, EV-campus programmes

KEY MARKET DRIVERS & RESTRAINTS

Drivers	Restraints
• Campus-decarbonisation & net-zero transport goals • EV-fleet transition & charging build-out • Rider-experience & real-time-tracking demand • Grants, incentives & clean-transport funding • Charging-optimisation & smart-grid integration	• Capital cost of EVs & charging infrastructure • Grid-capacity & charging-deployment constraints • Range, reliability & cold-weather performance • Integration across telematics & charging systems • Operational & maintenance-capability gaps

SEGMENTATION SNAPSHOT

By Component	Shuttle tracking · EV charging · electric shuttles
By Capability	Real-time tracking · charging management · route planning
By Application	Fleet tracking · charging optimisation · rider information
By End User	Universities · corporate campuses · transit operators · cities
By Business Model	Hardware sale · SaaS · mobility-as-a-service · managed service
By Deployment Scale	Pilot · campus-wide · multi-campus / network

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 V — Company, Competition, Patent and Project Intelligence

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

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

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

Part IX — Annexes, Directories and Reference Material

COMPETITIVE & INVESTMENT SNAPSHOT

The competitive field spans EV-charging providers, transit-telematics specialists and electric-shuttle makers. Deal activity — charging-network expansion, telematics partnerships and electric-fleet contracts — signals a market consolidating around bankable, repeatable platforms.

Representative players profiled in the full report:

ChargePoint Holdings, Inc. · TransLoc, Inc. (Modaxo) · Proterra Inc. · BYD Company Ltd. · Passio Technologies, Inc. · and 20+ further profiled players across platforms, components and integration.

Investment intelligence: venture, infrastructure, development, climate and blended finance, green bonds and sustainability-linked loans — culminating in a bankability assessment and a Go / No-Go / Conditional-Go investment verdict.

KEY QUESTIONS THIS REPORT ANSWERS

? How large is the global campus shuttle tracking and EV charging market, and how fast will it grow to 2032?
? Which regions, countries and segments offer the strongest risk-adjusted opportunity?
? How does integrated tracking-and-charging change economics versus standalone hardware?
? Who leads, and where is the competitive and patent white space?
? Is the investment case bankable — and under what conditions?
? How does the technology align with the SDGs and emerging disclosure regulation?

WHY ANMD — THE DIFFERENCE

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

› **Triangulated sizing —** every market read so value, campuses and shuttles/chargers 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 Go / No-Go / Conditional-Go investment verdict.

WHO SHOULD BUY THIS REPORT

Investors and infrastructure / PE funds, EV-charging and telematics providers, electric-shuttle manufacturers, universities and corporate campuses, transit operators and cities, utilities, policymakers, and corporate strategy and ESG teams.

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.

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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.