

Waymo: Final Team Strategic Analysis Report

Sumit Dhiresh Barbhaya

Ojesvi Dogra

Devansh Patel

Seshaiya Srinivasan

Ottawa University

BUS-POLICIES-AND-STRTG-BUS-8500-S1-2026-WE-Weiss

Dr. Stephen Weiss

March 07, 2025

Introduction

Waymo is an exemplary case of the inherent tension in the emerging market. It is the market leader in the United States for the commercialization of robot taxis, but it still operates on an expensive and heavily regulated business model that has not been proven at scale. These conditions make Waymo a great case for a comprehensive analysis of its strategies. It sits at the crossroads of artificial intelligence, transportation, and mobility services, and as a subsidiary of Alphabet, Waymo must demonstrate it has moved beyond innovation leadership to operational and sustainable strategic success.

This report is a culmination of all previous project submissions, presented as a final analysis. This report addresses the instructor's feedback on the proposal in terms of the team's role, the link between Alphabet's financial resources and Waymo's growth potential, the differentiation between Waymo's approach and that of its cheaper and/or more aggressive competitors, the quantitative support provided in the BCG Matrix discussion, the extension of the SWOT and proxy ratio analysis, and the development of a stronger problem solving model including the action plan. The recommendation is to enter densely populated markets in a disciplined fashion, using a unit economics approach. This involves expanding in a select number of metropolitan areas where the fleet density, ride frequency, and routing can help minimize the cost per mile while maintaining a rigorous approach to safety and regulatory requirements.

The report structure is guided by a well-established strategic framework. Section I assesses the company's internal environment using its history, structure, resources, product portfolio, value chain, and the competitive environment as guides.

Section II analyzes the company's external environment using STEEP and Porter's Five Forces analysis. Section III combines the two using the BCG Matrix, SWOT analysis, proxy

Strategic Analysis Report

financial analysis, and a recommended strategy. Section IV uses a problem-solving model to develop a specific action plan.

Project Governance and Team Roles

As indicated by the proposal's feedback, the importance of role accountability was emphasized. The final submission should clearly articulate the team's structure. The project lead should coordinate deadlines, integrate the draft, maintain consistency across sections, and align it with the assignment rubric. The internal analysis lead should be responsible for company history, resource and capability analysis, value chain analysis, and the internal implications of the company's ownership structure. The external analysis lead should be responsible for the STEEP and Five Forces analyses and for evidence of collection on regulations, competition, substitutes, and development.

The lead responsible for diagnostics and recommendations should oversee the BCG matrix, SWOT integration, financial proxy analysis, the problem solving model for Section IV, and the implementation plan.

Company Overview and Strategic Context

Waymo started as Google's self driving car project before becoming an independent Alphabet company focused on autonomous driving and mobility services (Waymo, n.d.-a). Over time, Waymo shifted from testing and proof-of-concept work to limited commercialization, through Waymo One, which is its fully autonomous ride hailing service. By early 2026, Waymo had logged over 200 million fully autonomous miles and provided more than 20 million rides in an expanding number of locations (Waymo, 2026a). According to Reuters, Waymo was providing about 400,000 rides each week and remained the leading U.S. company in robotaxi

Strategic Analysis Report

commercialization. Following Waymo, competitors like Tesla and Zoox which are owned by Amazon also increased their efforts (Reuters, 2026a; Reuters, 2026b).

The strategic importance of Waymo lies in its ability to influence the ride hailing autonomous vehicles industry. Waymo is not just a ride hailing company; it is also setting up the industry standard. This gives Waymo first mover benefits such as the ability to learn, gain public trust, and work with regulators. However, this also poses a challenge for Waymo. A major accident in the industry will affect the entire industry, not just the company alone. This makes Waymo's strategy not just a technological one. The company's strategy is also about building its credibility and earning the public's and regulators' trust.

Waymo's current position, therefore, shows both progress and limitations. Waymo has moved past the testing phase, but it has not yet reached a stage where it is commercially viable and self sufficient. There are still many steps that need to be taken for Waymo to lower hardware costs, increase vehicle utilization, minimize costs for remote assistance and support, and grow its operations without negatively impacting its safety performance and regulatory relationships, which are super critical for its growth. The strategic question for Waymo is not the technology's feasibility, but whether it can turn its initial operational lead into an economically viable and scalable business model before competitors catch up with alternative cost structures and operational models.

Section I: Internal Situation Analysis

Waymo's internal strength comes from four fundamental areas: advanced autonomous driving technology, a strong focus on safety, financial backing from the Alphabet, and a growing but expensive commercial platform. Its edge is built on an integrated system of sensors, computing, mapping, simulation, machine learning, software, fleet operations, and service delivery. This

Strategic Analysis Report

system supports Waymo One and gives the company a solid lead in Level 4 urban robotaxi deployment (Waymo, 2024a; Waymo, n.d.-d). Waymo's leadership structure helps support its position. Dmitri Dolgov and Tekedra Mawakana serve as co-chief executive officers, showing the need to blend technical skills with business, operations, and policy work in a regulated market (Waymo, n.d.-b; Waymo, n.d.-c). This setup matters because Waymo must meet the needs of riders, regulators, insurers, and city officials simultaneously. One of Waymo's biggest strengths is its careful approach to safety. The company focuses on readiness standards, structured testing, and formal safety processes instead of expanding quickly with less control (Waymo, 2020). In the robotaxi business, this is important because safety affects rider trust, regulatory approval, and long-term reputation. Waymo's focus on safety acts as both a control system and a way to build its reputation.

As Waymo's financial information is not disclosed separately, we must refer to Alphabet's. Alphabet had a current asset base of 163.7 billion US dollars and a current liability base of 89.1 billion US dollars in 2024, resulting in a current ratio of approximately 1.84. Alphabet had a quick ratio of 1.66 and a debt-to-equity ratio of 0.39 in 2024, indicating high liquidity and low leverage (Alphabet Inc., 2025a). This indicates that Waymo is financially supported by its commercialization. However, Alphabet's Other Bets segment had revenue of 1.648 billion US dollars in 2024, but the company posted an operating loss of 4.444 billion US dollars, up 349 million US dollars from the previous year (Alphabet Inc., 2025b). The Alphabet is financially capable of supporting Waymo's growth. However, this does not remove the risks associated with commercialization.

Waymo still has strong operational resources. The resources include the company's hardware and software, large scale simulation, high definition mapping, machine learning, fleet

Strategic Analysis Report

operations, and an integrated rider platform. The company's sixth generation Waymo Driver was introduced as a lower cost option that works in a broader range of weather conditions. It is equipped with 13 cameras, 4 lidars, 6 radars, and external audio receivers (Waymo, 2024a). The opening of a new manufacturing facility for self-driving vehicles will address Waymo's biggest obstacle which is the cost per vehicle. Additionally, Waymo has invested heavily in manufacturing and fleet integration. Also, Waymo recently opened a new manufacturing plant for its self-driving cars in Metro Phoenix, Arizona (Waymo, 2025a). This means Waymo has invested heavily in both cars and software. As a result, Waymo's success will depend not only on the software but also on the actual cars themselves.

Waymo's primary business is Waymo One, a fully autonomous ride hailing service where riders can request trips and see what the vehicle is sensing through the in-car interface (Waymo, n.d.-d). The service uses the Waymo Driver, which brings together perception, prediction, planning, mapping, and control. In 2023, Waymo shifted its focus from Waymo Via to Waymo One, which had the best short term commercial potential (Waymo, 2023). This move helped the company focus its resources and learning on the most promising business. The Waymo One value chain starts with research, simulation, data collection, and software development. Next comes hardware design and vehicle integration, followed by fleet deployment, charging, maintenance, routing, and operational monitoring. Later steps include dispatch, rider support, incident response, app usability, and in vehicle transparency to build trust (Waymo, 2024a; Waymo, 2025a). Each part of the value chain is intricately linked. Early autonomy can reduce support costs later, and service operations provide data that help improve the system over time.

Waymo's competitive strategy focuses on safety and careful growth. The company presents its service as safer, more reliable, and more trusted by regulators than other autonomous

Strategic Analysis Report

options. This is supported by formal safety reports and peer-reviewed studies showing lower crash rates than human drivers across key measures, though these results are intended as general guidance, not absolute proof (Kusano et al., 2024). This sets Waymo apart from companies that move faster or use cheaper systems. For example, Tesla has pushed for quicker rollout and a simpler camera-based system, while Waymo has chosen a multi sensor setup and slower, more tested deployment (Reuters, 2026b; Waymo, 2024a). Waymo's approach costs more in the short term, but it aims to build trust and keep regulators on board.

Overall, Waymo's strongest internal advantages are its integrated autonomy capabilities, its safety and legitimacy position, and Alphabet backed financial flexibility. Its main internal constraints are high fixed and support costs and the challenge of converting technical leadership into scalable economics. The internal analysis, therefore, shows a company with a strategic lead, but one that still must prove that technological superiority can translate into sustainable operating leverage.

Section II: External Situation Analysis

Waymo works in a market that could be remarkably successful eventually but faces challenges right now. There is strong potential for growth in autonomous ride hailing, especially in busy cities where traffic, parking costs, driver shortages, and high demand make automation attractive. However, the industry remains exposed to risks such as sudden regulatory changes, inflated costs, competition from alternative options, and mixed public acceptance.

Social acceptance is the key external factor for Waymo. Riders need to trust driverless cars enough to use them often, and cities need to trust them enough to allow expansion. Public acceptance depends on both everyday service quality and the visibility of safety incidents. Since robotaxis operate in public, trust is built together. One company's mistake could damage the entire

Strategic Analysis Report

industry's reputation. Waymo has gone from pilot to service, but the company still must deal with a market in which public opinion can shift quickly in response to a major event (Reuters, 2026a). Technology offers opportunities and risks for the industry. Advances in the capabilities of autonomous software, sensors, simulation, and artificial intelligence training are helping the industry to advance. Waymo's investment in the world model and simulation is showing the direction the industry is going (Waymo, 2026b). Technology must perform well in difficult conditions, not just in routine conditions. Even leading companies face uncertainty. Competitors with cheaper systems could also shift customer expectations about price, even if their safety records are less strong.

Environmental factors are more important for robotaxis than for many other digital businesses. Weather, road design, infrastructure quality, and local traffic all affect how hard it is to launch services. Waymo's focus on expanding its sixth-generation driver to handle more weather conditions shows that climate and road differences are real barriers to entering new markets (Waymo, 2024a; Waymo, 2026a). Not all cities are the same—some are easier and more profitable than others. Economic factors offer the clearest path to making money. In regular ride hailing, labor is an excessive cost. If Waymo can cut driver's expenses and use its fleet more effectively, it could improve profits or lower prices to attract more riders. But this same logic is also a risk. Robotaxis require expensive vehicles, sensors, depots, charging infrastructure, maintenance, remote support, insurance, and ongoing software costs. If the cars are not used enough or the operations are too complex, the savings from not having drivers do not translate into good profits. That is why metrics like cost per mile, empty miles, utilization, and the frequency of human intervention matter more than just the number of rides.

Strategic Analysis Report

Political, legal, and regulatory issues play a key role in this industry. In the USA, regulations differ at federal, state, and local levels. NHTSA regulations are still applicable, requiring reports under their Standing General Order. They also updated their regulations in 2025 to improve ease of reporting, including oversight of automated vehicles (NHTSA, 2025a, 2025b). California's DMV provides detailed permits and approvals for testing and deployment, including updates for Waymo's operational areas in 2025 (California Department of Motor Vehicles, 2025a, 2025b). These changes may improve clarity for expansion, but they also involve risks. Any safety incident can lead to new restrictions, investigations, or political pushbacks. In March 2026, Reuters reported that NHTSA was holding a major self-driving safety forum and was still investigating Waymo over school-bus-related incidents, showing how closely oversight is tied to real-world results (Reuters, 2026a).

Porter's Five Forces helps explain the industry's structure. Competition among current players is strong and getting stronger. Waymo leads in the U.S. in autonomous mobility, but faces competition from companies such as Amazon's Zoox, Tesla, and others that use different technical and business models (Reuters, 2026a; Reuters, 2026b). The competition is not just about where services are offered, but also about which technologies, business approaches, and safety stories will shape the industry. The risk of new companies entering is moderate now but could grow over time. It is hard to enter this market because it takes a lot of money, specific skills, operational expertise, and testing. Still, the industry is appealing enough that big tech and car companies may keep investing even if it takes a long time to see returns. If rules become more standardized and it becomes easier to access the right technology, some barriers could go down.

There are many alternatives to robotaxis, so the threat of substitutes is high. People can choose to regularly ride hailing, taxis, their own cars, public transit, bikes, walking, or just not

Strategic Analysis Report

traveling. It is easy for customers to switch. This means Waymo cannot rely on being new: it must be as reliable, convenient, and eventually affordable as other options. Buyers hold moderate to high power as they can compare waiting times, prices, and service quality across diverse services. Big partnerships, like those with airports or cities, could give buyers even more power by focusing on their demand. Waymo's brand and safety can indeed help, but only if customers perceive that they are indeed better. Supplier power is moderate. Waymo needs vehicle partners, special hardware, computing, energy, and maintenance services. By developing its own sensors and software, Waymo depends less on suppliers, but it still needs outside partners for key parts like vehicles and production.

To sum up the external analysis, there are three main pressures on Waymo. First, how regulators respond to safety incidents can quickly change market access and permissions, since the industry is still new. Second, there is intense competition from other, often cheaper, and more familiar ways to get around. Third, the excessive costs and complexity of operating robotaxi services can slow growth or hurt profits as the business expands. These challenges match Waymo's focus on safety, efficiency, and partnerships. Safety builds trust, efficiency drives profits, and partnerships let Waymo reach more customers without having to set up in every market on its own.

In short, the external environment offers promise but is also tough. Being a technology leader helps, but it does not guarantee profits. To succeed, Waymo needs to mitigate regulatory risks, compete with other options by offering better prices and service, and expand only into markets where enough people will use the service to make the investment worthwhile.

Section III: Situational Diagnostics and Recommended Strategic Action

Waymo has a strong strategic position but operates in a tough commercialization market. While it outperforms most U.S. robotaxi competitors, it still faces the challenge of turning its

Strategic Analysis Report

leadership in a fast-growing field into lasting, defensible profits. According to the BCG Matrix, Waymo is a Star in the U.S. robotaxi industry. The market is growing quickly. Grand View Research values the U.S. robotaxi market at about \$0.45 billion in 2024 and expects it to grow at a 74.6% annual rate from 2025 to 2030 (Grand View Research, 2025). Goldman Sachs Research also predicts annual growth of about 90% in North American autonomous rideshare from 2025 to 2030 (Goldman Sachs Research, 2025). Waymo currently leads among companies offering fully autonomous ride hailing in several U.S. cities, which matches the Star profile: high market share in a fast-growing sector. Still, most ridesharing is done by human drivers, so Waymo's overall share is small. The key takeaway from the BCG Matrix is that Waymo should keep investing like a Star, but it needs to find a way to improve its margins so that its leadership does not result in ongoing losses.

Moreover, the SWOT analysis also supports this view. Waymo's strengths are its integrated autonomy technology, its large quantity of real-world data, its reputation among regulators and the public, and its access to Alphabet's funding resources (Alphabet Inc., 2025a; Waymo, 2026a).

Waymo's weaknesses and threats include increased competition, the demand for human drivers in the rideshare and public transportation markets, safety regulations, and the threat of competitors' lower prices (Reuters, 2026a; Reuters, 2026b). Waymo's threats include high fixed and operating costs, limited scope relative to the entire rideshare market, and the need to expand while maintaining public trust. Waymo's opportunities are expanding in urban areas, serving the airport and commuter markets, increasing demand through partnerships, and reducing the company's hardware costs with the introduction of the sixth generation and its partnership with Magna (Uber Technologies, Inc., 2024; Waymo, 2024a; Waymo, 2025a). The key linkages of the

Strategic Analysis Report

SWOT analysis directly led to the strategy. The strengths of Waymo, such as safety, data, and technology, create an opportunity to lead in dense markets where trust and quality are important, even if the rate of adoption is slow. Nevertheless, Waymo's excessive costs and the presence of substitutes imply that if they try to expand too broadly, they will end up hurting their economics. Instead, the proposed strategy directly results from the SWOT analysis.

Since Waymo is not a separate public company, we must use proxies for financial analysis. Alphabet's reports are helpful here. Alphabet has enough liquidity and borrowing capacity to continue funding Waymo's long-term development. In 2024, the Other Bets segment reported \$1.648 billion which is about \$5.1 per person in the US in revenue and a \$4.444 billion which is about \$14 per person in the US as operating loss, compared with \$1.527 billion about \$4.7 per person in the US in revenue and a \$4.095 billion about \$13 per person in the US as operating loss in 2023 (Alphabet Inc., 2025b). Revenue grew by about 7.9%, but losses increased by about 8.5%. In 2024, Other Bets made about thirty-seven cents for every dollar lost. While this is not a standard profitability ratio, it shows the current stage and pressure. Waymo is currently in the growth and investment phase and has yet to enter the profit phase. The question is whether increased usage, lower hardware costs, fewer interventions, and better route planning can help Waymo reduce its losses.

Based on the analysis above, the best strategy for Waymo is differentiation coupled with cost improvement. It should continue to differentiate itself on safety, reliability, credibility, and service quality. It should also reduce its cost per mile to back up its differentiation with strong economics, not just the backing of Google/Alphabet. This is not a pure cost leadership approach, since the market does not reward low prices alone, and Waymo's setup is not designed for that. It

Strategic Analysis Report

is also not just about differentiation because being known for safety is not enough without a plan for better economics.

The recommended strategy is a disciplined approach to expansion that improves unit economics. Waymo should grow in dense city areas and along routes where partners can help boost demand, so that usage rises quickly, routines become more efficient, and demand comes from both Waymo's app and partners like Uber. The goal is to create a positive cycle: more vehicles in one area mean fewer empty miles and better dispatch; improved autonomy lowers support costs; lower costs per ride allow better prices; and better prices and reliability attract more riders. This increased demand then supports further growth in those areas. The aim is not just to have a unique selling point, but to use safety to build demand while also reaching the scale needed to lower costs.

In summary, Waymo has strategic strengths but cannot afford to grow without discipline. Its leading position in robotaxis is only valuable if it leads to better operating leverage. The recommended approach is to protect its reputation for safety, focus on growth where the economy works best, and use partnerships and new hardware to steadily lower costs.

Section IV: Problem-Solving Model with Prescriptive Strategy Action Plan

The problem-solving process starts with gathering data and key facts. Waymo has logged over 200 million fully autonomous miles, given more than 20 million rides, and runs a commercial robotaxi platform backed by Alphabet Capital and a more affordable sixth generation driver system (Waymo, 2024a; Waymo, 2026a). The U.S. robotaxi market is growing quickly but faces constraints from regulations, high capital requirements, and strong alternatives (Grand View Research, 2025; NHTSA, 2025a). Waymo is leading in commercialization, but it faces increased competition from Zoox, Tesla, and others (Reuters, 2026a; Reuters, 2026b). Alphabet, the parent company of Waymo, is in an extremely comfortable liquidity position, but the company's Other

Strategic Analysis Report

Bets segment is incurring losses in the multibillion-dollar range. This underscores the need for commercialization, even though there is no immediate concern about solvency (Alphabet Inc., 2025a; Alphabet Inc., 2025b). Waymo's main concern is not the technological feasibility of its self-driving technology.

In short, Waymo's main strategic challenge is turning its lead in autonomous ride hailing into a strong, scalable unit of economics before regulations, substitutes, or cheaper competitors to erode it. The issue is not demand or technology but scaling up profitably. Waymo needs to boost rides per vehicle, cut the non-revenue miles, lower support and hardware costs, and quickly build up market density to make its business more defensible. The root causes are clear from the analysis. SWOT shows Waymo's biggest strengths are safety, technical expertise, and strong capital, but its main weakness is the excessive cost of running and growing the service. In the BCG matrix, Waymo is a Star in a fast-growing market, but still needs big investments and does not generate cash automatically. Externally, Waymo faces strong substitutes and regulations that could tighten after safety incidents. So, a strategy that is technically solid but scattered in execution would not work well. The real issue is not opportunity, but whether each new market adds sufficient density, quality, and regulatory support to improve the whole system's economics rather than just adding complexity.

There are three main strategic options. The first is rapid expansion into many cities. This would help Waymo build brand awareness, secure a first mover advantage, and put pressure on competitors by covering more ground. The benefits include more visibility, greater investor interest, and faster local learning. However, this approach could stretch Waymo's resources, lower average fleet density, and increase support and compliance costs before earlier markets are ready. It also exposes the company to inconsistent regulations and makes quality control harder.

Strategic Analysis Report

The second alternative is to target a premium safety niche. Waymo will enter the market slowly, maintain its premium pricing, and emphasize its safety, dependability, and user experience rather than price. This is safer for the company and reduces execution risk, which will please the regulators. However, the issue of substitutes remains. If Waymo remains more expensive and less convenient than the others in many cases, it will never have the scale to make its business more viable. This alternative is safer, but as a solution, it is incomplete.

The third option is to concentrate on dense markets. This would involve Waymo focusing on a few cities where demand for its services is high; regulations are conducive, and there are partnerships. It would utilize its own app, Uber, and deploy the less expensive sixth generation hardware. It would expand to new places only when the targets are met. This approach addresses the problem. It is not just expanding to cover more places. The disadvantage of this approach is that it might not be viewed quickly, which could allow competitors to announce more ambitious plans.

Of these three, the third is the best. This is because it maintains Waymo's competitive advantage while also addressing the organization's key challenges, both internally and externally. This option is also consistent with the SWOT analysis, which emphasizes leveraging Waymo's competitive advantage in high density markets while addressing the threats of inflated costs and substitutes. This option is also consistent with the analysis by the Boston Consulting Group, which focuses on investing in a Star while accelerating the path to better economics for Waymo. This option is also consistent with the external analysis, which focuses on reducing regulatory risks through market selection. However, it is also important to note that this option focuses on the real economics of ride hailing, which is more likely to make Waymo's impressive growth profitable rather than just impressive on paper.

Strategic Analysis Report

The recommended strategy is a step-by-step expansion into dense markets, focused on improving unit economics. Waymo should use a market-selection model based on four factors: demand density, regulatory readiness, compatibility with sixth-generation hardware, and access to partner channels or major trip sources. Cities should be chosen not for their profile, but for their ability to improve the network's economics. Good examples are dense urban areas, airport corridors with supportive regulations, central business districts, and places where partners like Uber can boost ride volume without Waymo having to build its own customer base.

Implementation should happen in steps. First, Waymo should focus on improving its current and upcoming markets by establishing a shared operating dashboard. This dashboard should track key metrics like rides per vehicle per day, utilization hours, deadhead miles, remote assistance events, cost per mile, repeat rider rate, safety events, and local regulatory status. These metrics should be reviewed together since the strategy relies on their combined effect rather than any single measure.

In the next stage, Waymo should only expand into carefully chosen markets where the dashboard metrics are likely to hold up. The planned 2026 moves into cities such as Dallas, Houston, San Antonio, and Orlando show that Waymo is already planning wider deployment (Waymo, 2026c). The recommendation is not to avoid these cities, but to expand in a way that each new market either improves the network's economics or adds valuable capabilities for the future. In the third stage, Waymo should grow demand through partnerships. The Uber partnerships in Austin and Atlanta show that working with external platforms can accelerate market access and increase trip volume, allowing Waymo to focus more on autonomy, support, and strategy rather than building every local demand channel (Uber Technologies, Inc., 2024, 2025). Partnerships should be chosen carefully, especially when they boost utilization and lower

Strategic Analysis Report

customer acquisition costs. However, they should not limit data access or weaken control in Waymo's most important markets. In the fourth stage, Waymo should standardize its fleet build and operations using the sixth-generation platform and the Mesa manufacturing site. Lowering hardware costs only helps if it leads to a repeatable operating model. So, vehicle integration, maintenance, charging, and incident response should all be clearly documented and standardized. This is a keyway to cut the hidden complexity of scaling across many cities.

Follow-up and control are crucial. Management should set clear targets for each phase, such as quarterly goals for rides per vehicle, yearly drops in deadhead miles and remote assistance, and target cost-per-mile ranges for each city. Therefore, market entry should be performance-based rather than time-based. If a city fails to meet performance milestones over time, Waymo should slow down its fleet development, adjust its geographic footprint, or allocate more resources to better markets. This is necessary so that many companies do not fail due to focusing on market entry as an objective.

The implementation plan consists of six key actions. First, create a market selection scorecard for all expansions. Second, build a unified operating and safety dashboard for executive review. Third, expand partner distribution to boost utilization and demand. Fourth, standardize vehicle integration and service routines using sixth-generation hardware. Fifth, link expansion funding to improvements in unit economics. Sixth, keep safety communication open with regulators and the public to maintain trust and support for scaling.

This strategy does not promise immediate profits, but it does promise continued improvement. Therefore, if Waymo can improve utilization, reduce non-revenue miles, lower intervention costs, and continue to drive down hardware and operating costs, the initial advantage it has will only increase and become sustainable. If not, the best technology could leave the

Strategic Analysis Report

company stuck in costly growth. Therefore, Waymo needs to scale up, but only in a way that builds trust, improves efficiency, and delivers solid economics.

Implementation Milestones and Follow-Up Controls

Phase	Primary action	Key metrics	Decision rule
0-3 months	Finalize market scorecards, operating dashboards, and expansion gates.	Rides/vehicle/day; utilization hours; deadhead %; intervention rate; wait time.	No new market approvals until dashboards and scorecards are active.
3-9 months	Deepen density in current and near-term markets; refine service areas and dispatch logic.	Cost per mile; repeat-rider rate; safety incidents; operating margin trend proxies.	Expand fleet only where utilization and service quality improve together.
6-12 months	Scale partner-led demand in qualified markets through Uber, and similar channels were useful.	Trip volume from partners; customer acquisition cost; wait time; route efficiency.	Retain only partnerships that improve utilization without degrading control.
12-24 months (about 2 years)	Standardize sixth-generation fleet build, maintenance, and launch routines across markets.	Vehicle integration time; downtime; maintenance cost; support labor per trip.	Approve new-city replication only after standard operating benchmarks are met.

Conclusion

Waymo is unique in the autonomous mobility space, having moved from tech demos to practical services at a scale few have achieved. The strengths of Waymo lie in its integrated autonomous driving, its focus on safety, its data from practical experiences, and its backing from the Alphabet. The external environment offers sturdy growth opportunities, but there are also challenges to competing options, regulations, and the high cost of deploying robotaxis. These factors make Waymo both promising and exposed to risks.

The analysis points to a clear recommendation. Waymo should avoid expanding just for growth or shrinking into a small, high-end market. Instead, it should focus on growth in dense markets and emphasize its safety record. By focusing on scale, partnerships, and cheaper hardware, Waymo can improve its business model. This strategy will help Waymo overcome its most important challenge: sustaining its early success. If Waymo follows this strategy, it has a better chance of sustaining its success rather than being seen as technologically advanced but financially unsuccessful.

References

- Alphabet Inc. (2025a, February 4). *Alphabet announces fourth quarter 2024 and fiscal year results*. <https://abc.xyz/investor/news/news-details/2025/Alphabet-Announces-Fourth-Quarter-2024-and-Fiscal-Year-Results-02-04-2025/default.aspx>
- Alphabet Inc. (2025b, February 4). *Annual report on Form 10-K for the fiscal year ended December 31, 2024*. <https://www.sec.gov/Archives/edgar/data/1652044/000165204425000014/goog-20241231.htm>
- California Department of Motor Vehicles. (2025a). *California autonomous vehicle regulations*. <https://www.dmv.ca.gov/portal/vehicle-industry-services/autonomous-vehicles/california-autonomous-vehicle-regulations/>
- California Department of Motor Vehicles. (2025b). *Waymo approved areas of operation for driverless testing and deployment*. <https://www.dmv.ca.gov/portal/vehicle-industry-services/autonomous-vehicles/autonomous-vehicle-testing-permit-holders/waymo-approved-areas-of-operation-for-driverless-testing-and-deployment/>
- Goldman Sachs Research. (2025, July 3). *Autonomous vehicle market forecast to grow with ridesharing presence*. <https://www.goldmansachs.com/insights/articles/autonomous-vehicle-market-forecast-to-grow-ridesharing-presence>
- Grand View Research. (2025). *U.S. robo taxi market size and share industry report, 2030*. <https://www.grandviewresearch.com/industry-analysis/us-robo-taxi-market-report>
- Kusano, K. D., Scanlon, J. M., Chen, Y.-H., McMurry, T. L., Chen, R., Gode, T., & Victor, T. (2024). *Comparison of Waymo rider-only crash data to human benchmarks at 7.1 million miles*. *Traffic Injury Prevention*. <https://doi.org/10.1080/15389588.2024.2380786>

Strategic Analysis Report

National Highway Traffic Safety Administration. (2025a). *Automated vehicle safety*.

<https://www.nhtsa.gov/vehicle-safety/automated-vehicles-safety>

National Highway Traffic Safety Administration. (2025b). *Standing general order on crash reporting*. <https://www.nhtsa.gov/laws-regulations/standing-general-order-crash-reporting>

[reporting](https://www.nhtsa.gov/laws-regulations/standing-general-order-crash-reporting)

Reuters. (2026a, March 6). *U.S. agency to hold self driving safety forum with CEOs of Waymo, Zoox, Aurora*. [https://www.reuters.com/business/retail-consumer/us-agency-hold-self](https://www.reuters.com/business/retail-consumer/us-agency-hold-self-driving-safety-forum-with-ceos-waymo-zoox-aurora-2026-03-06/)

[driving-safety-forum-with-ceos-waymo-zoox-aurora-2026-03-06/](https://www.reuters.com/business/retail-consumer/us-agency-hold-self-driving-safety-forum-with-ceos-waymo-zoox-aurora-2026-03-06/)

Reuters. (2026b, January 28). *U.S. robotaxi group Waymo aims to launch in London by fourth quarter 2026*. [https://www.reuters.com/world/uk/us-robotaxi-group-waymo-aims-launch-](https://www.reuters.com/world/uk/us-robotaxi-group-waymo-aims-launch-london-by-fourth-quarter-2026-2026-01-28/)

[london-by-fourth-quarter-2026-2026-01-28/](https://www.reuters.com/world/uk/us-robotaxi-group-waymo-aims-launch-london-by-fourth-quarter-2026-2026-01-28/)

Uber Technologies, Inc. (2024, September 13). *Uber and Waymo expand partnership to bring autonomous ride hailing to Austin and Atlanta*. [https://investor.uber.com/news-](https://investor.uber.com/news-events/news/press-release-details/2024/Uber-and-Waymo-Expand-Partnership-to-Bring-Autonomous-Ride-hailing-to-Austin-and-Atlanta/default.aspx)

[events/news/press-release-details/2024/Uber-and-Waymo-Expand-Partnership-to-Bring-Autonomous-Ride hailing-to-Austin-and-Atlanta/default.aspx](https://investor.uber.com/news-events/news/press-release-details/2024/Uber-and-Waymo-Expand-Partnership-to-Bring-Autonomous-Ride-hailing-to-Austin-and-Atlanta/default.aspx)

Uber Technologies, Inc. (2025, June 24). *Atlanta: The future is here with Waymo and Uber*.

<https://investor.uber.com/news-events/news/press-release-details/2025/Atlanta-The-Future-is-Here-with-Waymo-and-Uber-2025-y1tuDCCSgu/default.aspx>

Waymo. (2020, October 30). *Sharing our safety framework for fully autonomous operations*.

<https://waymo.com/blog/2020/10/sharing-our-safety-framework-for-fully-autonomous-operations/>

Waymo. (2023, July 26). *Doubling down on Waymo One*.

<https://waymo.com/blog/2023/07/doubling-down-on-waymo-one/>

Strategic Analysis Report

Waymo. (2024a, August 18). *Meet the 6th-generation Waymo Driver: Optimized for costs, designed to handle more weather, and coming to riders faster than before.*

<https://waymo.com/blog/2024/08/meet-the-6th-generation-waymo-driver>

Waymo. (2025a, May 5). *Scaling our fleet through U.S. manufacturing.*

<https://waymo.com/blog/2025/05/scaling-our-fleet-through-us-manufacturing>

Waymo. (2026a, February 12). *Beginning fully autonomous operations with the 6th-generation Waymo Driver.* <https://waymo.com/blog/2026/02/ro-on-6th-gen-waymo-driver>

Waymo. (2026b, February 6). *The Waymo world model: A new frontier for autonomous driving simulation.* <https://waymo.com/blog/2026/02/the-waymo-world-model-a-new-frontier-for-autonomous-driving-simulation>

Waymo. (2026c, February 24). *Ready to ride: Dallas, Houston, San Antonio, and Orlando.*

<https://waymo.com/blog/2026/02/dallas-houston-san-antonio-orlando>

Waymo. (n.d.-a). *About Waymo.* <https://waymo.com/about/>

Waymo. (n.d.-b). *Dmitri Dolgov, co-chief executive officer.*

<https://waymo.com/about/#leadership>

Waymo. (n.d.-c). *Tekedra Mawakana, co-chief executive officer.*

<https://waymo.com/about/#leadership>

Waymo. (n.d.-d). *Waymo rides.* <https://waymo.com/rides/>