



# BLACK TECHNOLOGIES ADVANCEMENT

## VISION

**Black Technologies Advancement (BTA)** is revolutionizing the electric mobility landscape with the world's first **AI-optimized, space-based wireless power transfer system**—delivering clean, continuous energy to electric vehicles in motion. Our mission: deliver real-time, in-motion charging to electric vehicles anywhere on the planet, eliminating reliance on static infrastructure and fossil fuels.

While legacy infrastructure relies on static, location-bound charging stations, **BTA's breakthrough platform eliminates range anxiety entirely** by enabling real-time, autonomous charging, powered by an endless source: space-based solar energy. This is not an incremental improvement; it's a foundational leap toward true mobility freedom and infrastructure independence.

Our flagship initiative is transforming the future of transportation with the world's first AI-optimized, space-based wireless power transfer (WPT) system for electric vehicles in motion. Unlike conventional charging infrastructure, BTA's solution enables real-time, uninterrupted wireless charging powered by space-based solar energy, eliminating range anxiety and enabling true mobility freedom.

Positioned at the intersection of aerospace, mobility, and AI, BTA is tapping into a **\$100B+ market opportunity** with a transformative model.

This is more than a solution to EV charging - **it's the launchpad for a global, sustainable energy infrastructure.**

# BLACK TECHNOLOGIES ADVANCEMENT

**Black Technologies Advancement, Inc.**, a Delaware C-Corporation, serves as the commercial engine driving the advancement and deployment of groundbreaking wireless power transfer technologies. As the legal entity accepting the \$25 million investment, it is structured to oversee and manage all revenue-generating activities, intellectual property, and strategic business initiatives.

The company's core mission is to lead the commercialization of innovative energy solutions through a multi-faceted approach. This includes owning and managing the full portfolio of patents and proprietary technologies, as well as licensing these assets to key stakeholders such as original equipment manufacturers (OEMs), municipalities, and mobility service providers. By doing so, BTA, Inc. enables broad adoption across diverse segments of the electric mobility landscape.

## Innovative energy solutions

In addition to intellectual property stewardship, the organization is responsible for structuring and executing investor return mechanisms, including equity offerings, SAFE agreements, and convertible notes. These tools support sustainable growth while delivering value to early-stage and institutional investors.



## CHALLENGE

The global electric vehicle (EV) market is growing rapidly, but charging infrastructure is struggling to keep up. Most public chargers remain slow and are mainly located in urban areas, with few high-speed options along highways. In the U.S. and Europe, only a small percentage of chargers are fast enough for long-distance travel.

EV demand is surging, with sales exceeding 14 million in 2023 and projected to reach around 40 million annually by 2030. Automakers and battery producers are investing over \$1.2 trillion through 2030, yet public charging infrastructure is not expanding at the same pace. While 4 million public chargers existed in 2023, projections suggest just 15 million by 2030—far below what's needed.

This gap highlights a major challenge: current fixed-location chargers lack the flexibility and scalability to support future EV growth. It opens the door for new solutions such as wireless charging, AI-powered routing, and even space-based energy systems to meet the needs of a mobile, global EV fleet.

## SOLUTION

**Black Technologies Advancement (BTA)** is pioneering the development of the world's first **borderless, AI-orchestrated EV charging grid**. This is a next-generation energy platform designed to overcome the limitations of traditional, fixed-location charging infrastructure.

At the core of this transformative system lies the seamless integration of **seven foundational technologies**, each playing a critical role in enabling real-time, wireless, and intelligent energy delivery on a global scale.



## COMPETITION

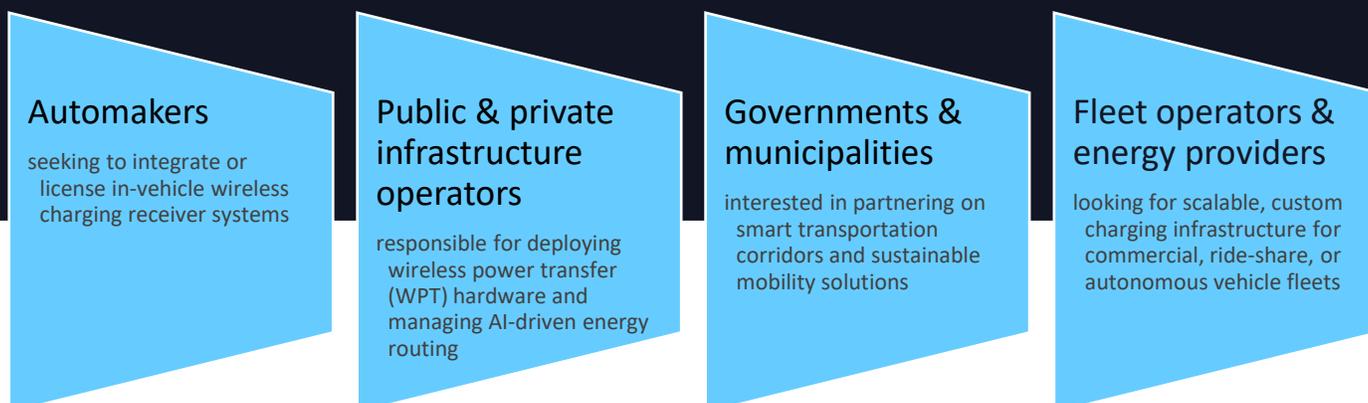
Traditional EV charging leaders—**Tesla**, **ChargePoint**, and **Blink**—dominate the fixed infrastructure market, offering plug-in solutions deployed across urban areas, workplaces, and highways. In contrast, **WiTricity** and **ElectReon** are advancing **wireless charging** technologies, from stationary pad-based systems to dynamic, in-road charging. While all five are working to expand access and efficiency, **each remains dependent on localized, ground-based installations**.

# PLAN

**Black Technologies Advancement (BTA) differentiates by delivering a borderless, AI-orchestrated wireless energy platform powered by space-based solar**, eliminating the constraints of terrestrial infrastructure altogether. A patented system has been developed, combining three revolutionary technologies to create a transformative wireless energy infrastructure.



By integrating these three breakthrough components, BTA delivers a **borderless, grid-independent energy network** that is both clean and infinitely scalable. This system has the potential to revolutionize how power is delivered - not just within cities or countries, but across entire continents - eliminating the need for traditional charging stations and legacy electrical grids, while supporting a truly mobile, sustainable future.



To facilitate broad market adoption, installation of the WPT receiver can occur through two primary channels – the original equipment manufacturers (OEMs) and the aftermarket partners.

**Products  
& Services**

OEM-Level  
Integration

Aftermarket  
Installation via  
Certified Partners



# TEAM

BTA's leadership team blends deep scientific knowledge, cross-disciplinary engineering, and operational excellence.

## LEADERSHIP

**RAYMOND L. CHUKWU**  
PRESIDENT & FOUNDER

CHIEF AI & EXPERT  
SYSTEMS ARCHITECT

DIRECTOR OF  
NANOTECHNOLOGY  
ENGINEERING

VP OF KNOWLEDGE SYSTEMS  
& INFRASTRUCTURE

COO & LAUNCH  
DEPLOYMENT STRATEGIST

# MILESTONES

- Phase I | Prototype Development & AI Simulation  
Q3 2025
- Phase II | Orbital Integration & CNT Receiver Pilot  
Q4 2025–Q2 2026
- Phase III | North America & Africa Pilot Corridor Launch  
Q3 2026
- Phase IV | Commercial Scale-Up and OEM Partnerships  
2027–2029
- Phase V | Global Expansion – Asia, EU, LATAM  
2030+



# FINANCIALS

BTA is creating a new market category with an asset-light, high-margin, globally scalable business model.

Operating Statements	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
<b>Revenue</b>					
Automakers	0	225,000	3,375,000	10,125,000	15,187,500
Revenue	0	450,000	6,750,000	20,250,000	30,375,000
Cost of Goods Sold	0	(225,000)	(3,375,000)	(10,125,000)	(15,187,500)
Public & private infrastructure operators	0	337,500	5,062,500	15,187,500	22,781,250
Revenue	0	675,000	10,125,000	30,375,000	45,562,500
Cost of Goods Sold	0	(337,500)	(5,062,500)	(15,187,500)	(22,781,250)
Governments & municipalities	0	337,500	5,062,500	15,187,500	22,781,250
Revenue	0	675,000	10,125,000	30,375,000	45,562,500
Cost of Goods Sold	0	(337,500)	(5,062,500)	(15,187,500)	(22,781,250)
Fleet operators & energy providers	0	275,000	4,125,000	12,375,000	18,562,500
Revenue	0	550,000	8,250,000	24,750,000	37,125,000
Cost of Goods Sold	0	(275,000)	(4,125,000)	(12,375,000)	(18,562,500)
<b>Net Revenue</b>	<b>0</b>	<b>1,175,000</b>	<b>17,625,000</b>	<b>52,875,000</b>	<b>79,312,500</b>
<b>Operating Expenses</b>					
R&D and Engineering	500,000	625,000	937,500	1,171,875	1,464,844
Talent & Salaries	500,000	1,500,000	2,250,000	2,812,500	2,953,125
Facilities	500,000	625,000	937,500	984,375	1,033,594
Business Development, Legal & Partnerships	500,000	1,500,000	2,250,000	2,362,500	2,480,625
Operational Reserves & Miscellaneous	500,000	1,000,000	1,500,000	1,575,000	1,653,750
<b>Total Operating Expenses</b>	<b>2,500,000</b>	<b>5,250,000</b>	<b>7,875,000</b>	<b>8,906,250</b>	<b>9,585,938</b>
<b>Pre-Tax Income</b>	<b>(2,500,000)</b>	<b>(4,075,000)</b>	<b>9,750,000</b>	<b>43,968,750</b>	<b>69,726,563</b>
<b>Source and Use of Funds</b>					
<b>Source of Funds</b>					
Investment	25,000,000				
<b>Use of Funds</b>					
Hardware development and AI integration	(5,000,000)	(3,500,000)	(2,000,000)	0	0
Satellite access partnerships & CNT tower deployments	(1,500,000)	(2,500,000)	(2,500,000)	0	0
Team expansion	(500,000)	(1,500,000)	(1,500,000)	0	0
IP protection and regulatory certification	(500,000)	(500,000)	(500,000)	0	0
Strategic marketing and investor relations	(500,000)	(500,000)	(500,000)		
Investor distribution (20% Pre-Tax Inc)	0	0	0	(8,793,750)	(13,945,313)
	(8,000,000)	(8,500,000)	(7,000,000)	(8,793,750)	(13,945,313)
Operating Income/ (Losses)	(2,500,000)	(4,075,000)	9,750,000	43,968,750	69,726,563
<b>Total Operating Expenses</b>	<b>(10,500,000)</b>	<b>(12,575,000)</b>	<b>2,750,000</b>	<b>35,175,000</b>	<b>55,781,250</b>
<b>Net Change</b>	<b>14,500,000</b>	<b>(12,575,000)</b>	<b>2,750,000</b>	<b>35,175,000</b>	<b>55,781,250</b>
<b>Cash at Beginning of Period</b>	<b>0</b>	<b>14,500,000</b>	<b>1,925,000</b>	<b>4,675,000</b>	<b>39,850,000</b>
Net Change	14,500,000	(12,575,000)	2,750,000	35,175,000	55,781,250
<b>Cash at End of Period</b>	<b>14,500,000</b>	<b>1,925,000</b>	<b>4,675,000</b>	<b>39,850,000</b>	<b>95,631,250</b>



# CONCLUSIONS

Black Technologies Advancement (BTA) is positioned at the intersection of energy, mobility, and AI—solving critical infrastructure gaps with a patented, next-generation platform. We are seeking visionary partners to accelerate deployment and shape the future of sustainable transportation worldwide.

This is more than a charging solution. **It's a revolutionary clean energy ecosystem**—designed to unlock a new era of uninterrupted mobility, energy equity, and global sustainability.

It's time to break free  
from the past.

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5th Avenue Capital  
Private Funding from \$10M to \$2B