



**Touchstone
Capital**

Building Wealth Together

TCP GLOBAL INTEGRATED ENERGY TRANSITION PLATFORM PROGRAM

NEW GLOBAL ENVIRONMENTAL &
SOCIALLY FRIENDLY
SUSTAINABLE ENERGY
INFRASTRUCTURE AND SMART
ENERGY SOLUTIONS





EXECUTIVE SUMMARY

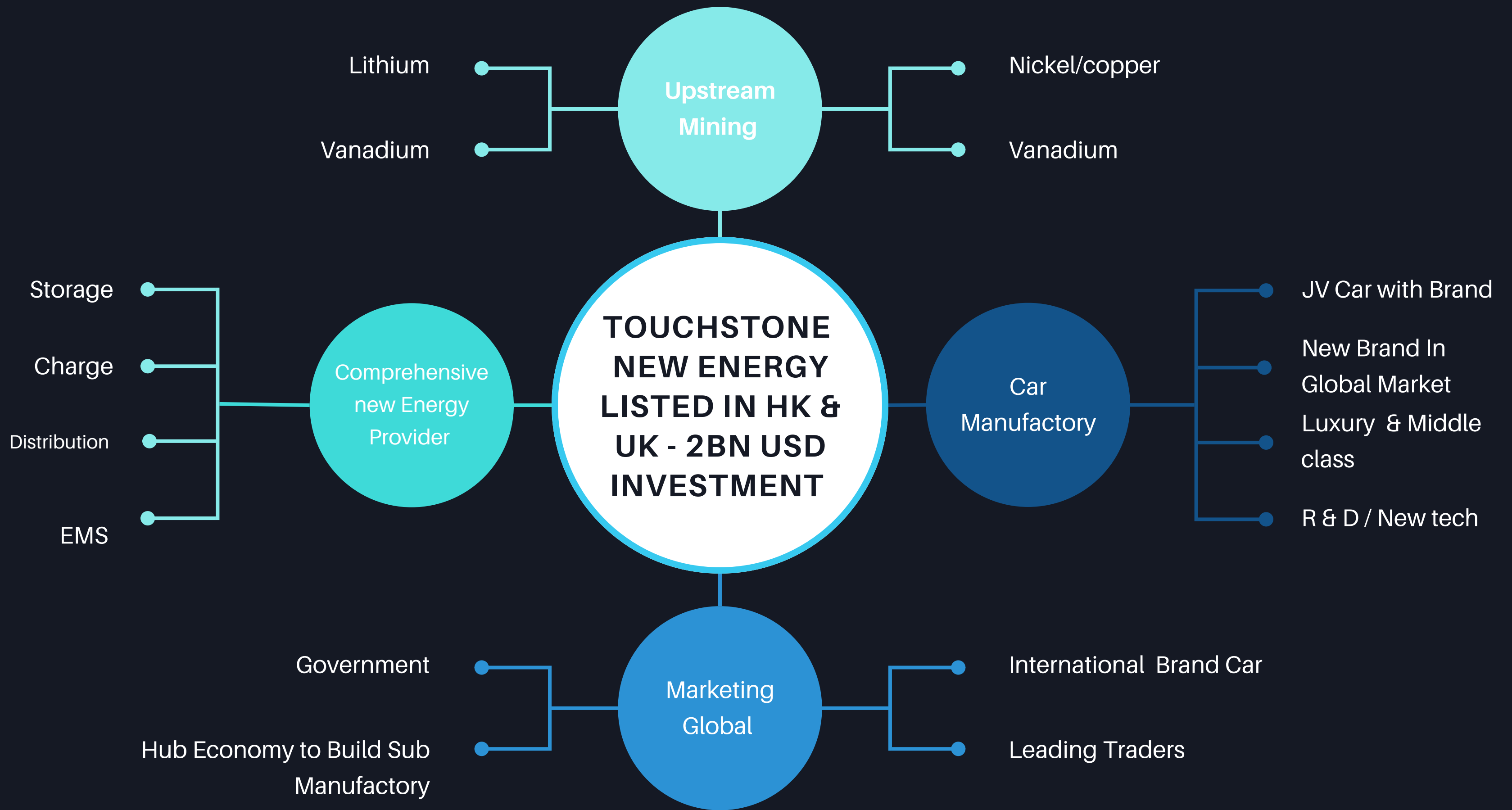
The TCP Global Integrated Transition Energy Platform Program offers a comprehensive and sustainable approach to the global energy transition. Leveraging advanced technologies, ethical sourcing, and strategic partnerships, the program supports the development of integrated energy solutions that promote environmental sustainability, economic growth, and social responsibility.



TCP BASE FOR THIS ENERGY TRANSITION PROGRAM

- **Global Financing and Industry Platform:** TCP has been a leader in financing and industry operations for over 20 years, providing robust financial support and strategic insights.
- **Developed Mining/Refinery/Processing Programs:** TCP has highly developed programs for mining, refining, and processing critical minerals and metals such as lithium, vanadium, nickel, and copper.
- **Research and Strategic Plans for New Resources:** TCP is actively involved in research and planning for new strategic mining resources essential for advanced battery and EV technologies, including rare materials.
- **Strategic Vertical Integration:** TCP is executing strategic plans for vertical integration with battery and EV manufacturers, ensuring a cohesive and efficient value chain from resource extraction to end-product delivery.





SECTION A: MINING/REFINERY/PROCESSING ORE/METAL BASE FOR VERTICAL INTEGRATION WITH BATTERY, EV CARS, AND ENERGY INFRASTRUCTURE

01

Traditional Materials:

- Lithium: Optimize extraction and processing; form strategic partnerships with battery manufacturers to secure a stable supply chain.
- Cobalt: Prioritize ethical sourcing and establish comprehensive recycling programs to reduce environmental impact.
- Nickel: Invest in high-purity production processes; collaborate with leading EV manufacturers to meet growing demand.
- Copper: Enhance extraction and processing efficiency; innovate in recycling to maximize resource utilization and minimize waste.
- Aluminum: Implement sustainable extraction and production practices; develop state-of-the-art recycling facilities to reduce environmental impact.
- Phosphate: Essential for energy storage solutions, prioritize sustainable extraction and processing to support battery production.

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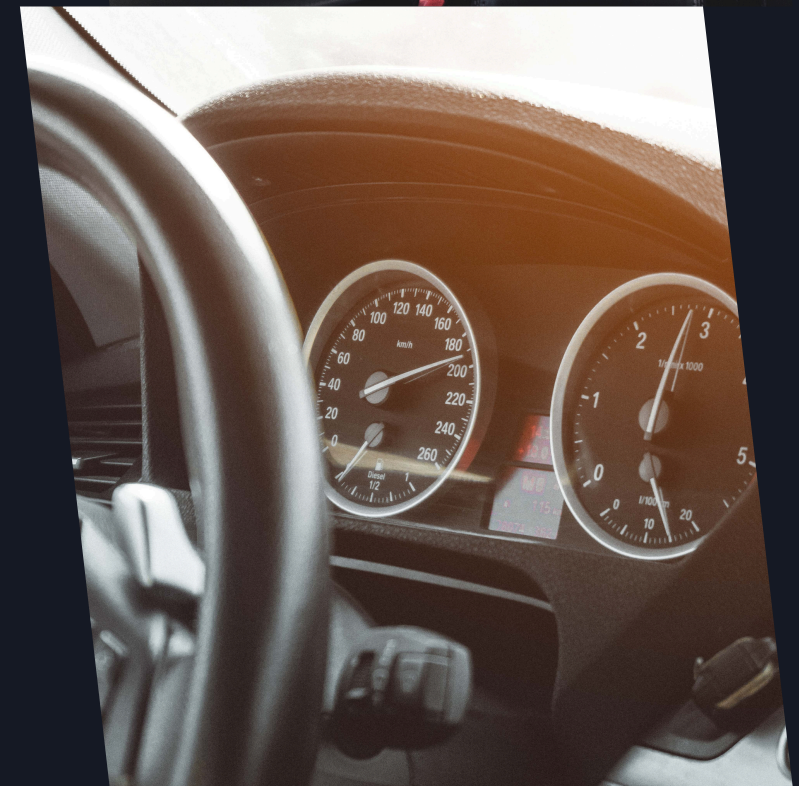
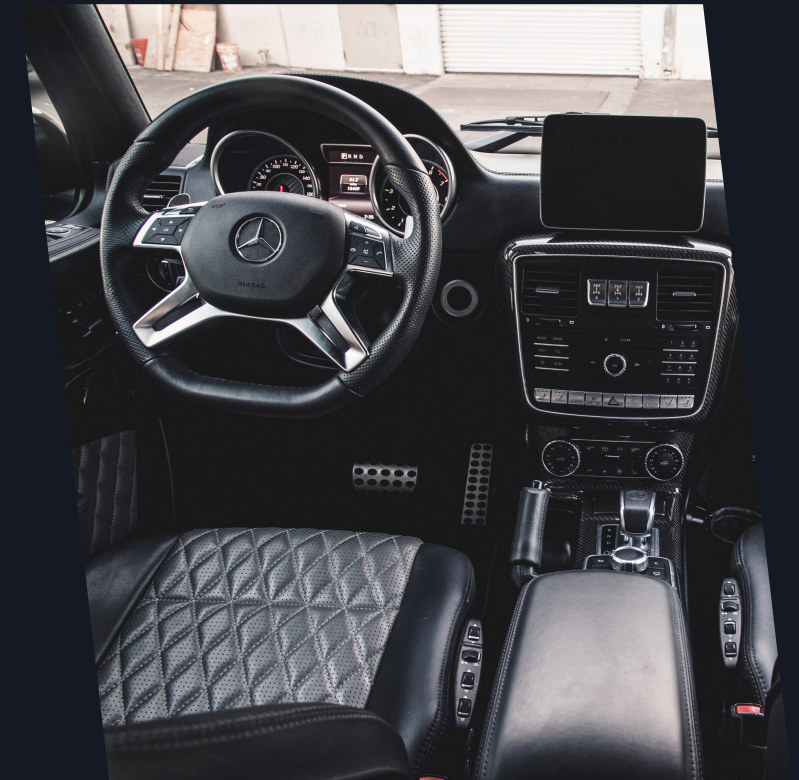
New Technologies:

- Graphene: Integrate in advanced battery technologies and lightweight materials for EVs, enhancing performance and efficiency.
- Vanadium: Specialize in vanadium redox flow batteries for large-scale energy storage, improving grid stability and reliability.
- Magnesium: Research and develop lightweight battery components and automotive parts to increase vehicle efficiency and reduce weight.
- Zinc: Develop zinc-based battery technologies for reliable and cost-effective energy storage solutions.
- Lithium Metal: Invest in solid-state battery R&D to achieve higher energy density, improved safety, and longer lifespan in next-generation batteries

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ERare Metals:

- Focus on the extraction and processing of rare metals critical for advanced technology applications in energy storage and EV manufacturing.



SECTION B: CARBON REDUCTION SOLUTIONS

Energy Infrastructure:

01

- Smart Energy Systems: Invest in integrated local and regional energy systems that combine multiple renewable sources for optimal performance and reliability.
- Advanced Energy Storage: Develop and deploy state-of-the-art storage solutions to balance supply and demand, ensuring a consistent and reliable energy supply.
- Clean Energy Integration: Consolidate wind, solar, and other renewable energy sources to create a sustainable and balanced energy mix for local and regional grids.

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Technology Integration:

- Vanadium and Zinc Storage Solutions: Incorporate advanced storage technologies to enhance the efficiency and reliability of renewable energy systems.
- Graphene and Advanced Materials: Utilize graphene and other advanced materials to boost the efficiency, longevity, and performance of clean energy technologies

SECTION C: ELECTRONIC VEHICLE (EV) INFRASTRUCTURE

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Charging Infrastructure:

- Nationwide Charging Networks: Establish extensive and reliable charging station networks compatible with advanced battery technologies to support widespread EV adoption.
- Smart Charging Solutions: Implement smart charging technologies that optimize energy use and reduce charging times.

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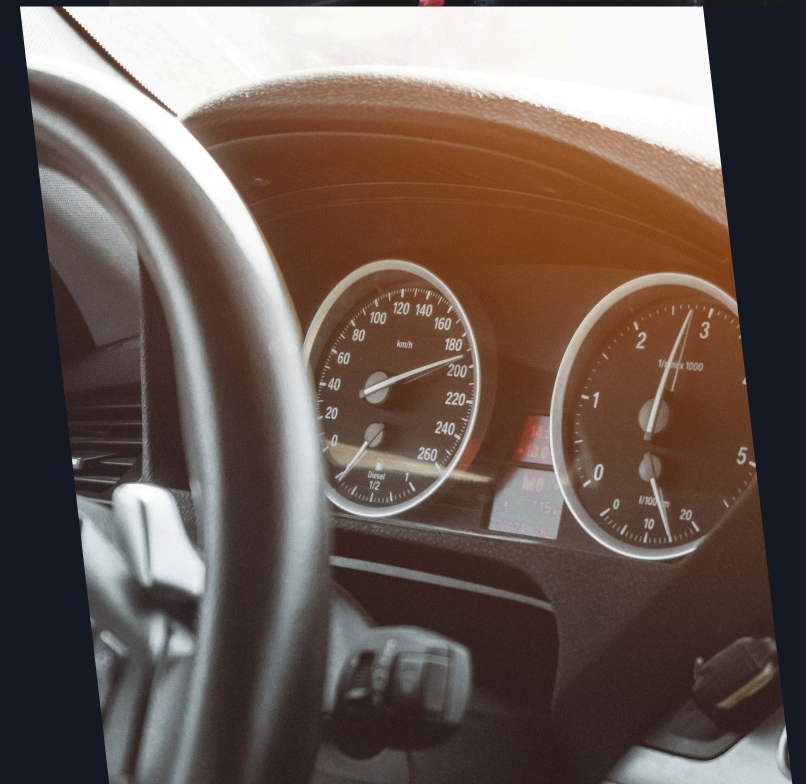
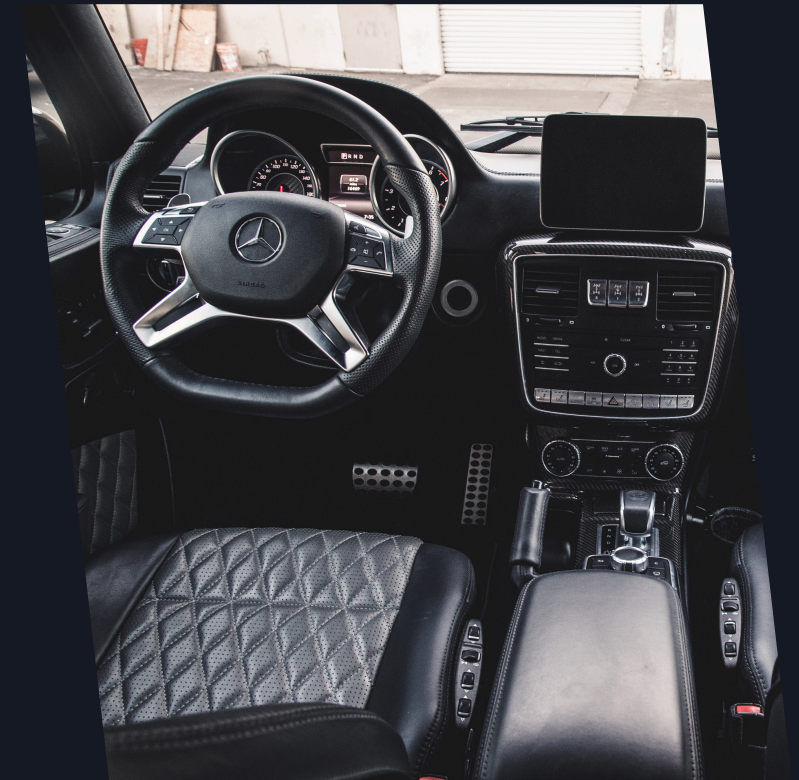
Battery Production:

- Next-Generation Batteries: Invest in production facilities for advanced batteries incorporating technologies like graphene and lithium metal to improve energy density, safety, and longevity.
- Sustainable Manufacturing: Adopt sustainable practices in battery production to minimize environmental impact and promote resource efficiency.

Vehicle Manufacturing:

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- Efficient Vehicle Design: Utilize lightweight materials such as magnesium and advanced composites to design and manufacture efficient and high-performance EVs.
- Innovation in EV Technologies: Continuously invest in R&D to integrate the latest technological advancements in EV production, ensuring competitiveness in the global market.
- Circular Economy Practices: Implement recycling and reusing processes for vehicle components to promote a circular economy and reduce waste.



SECTION D: ECONOMIC AND ENVIRONMENTAL IMPACT

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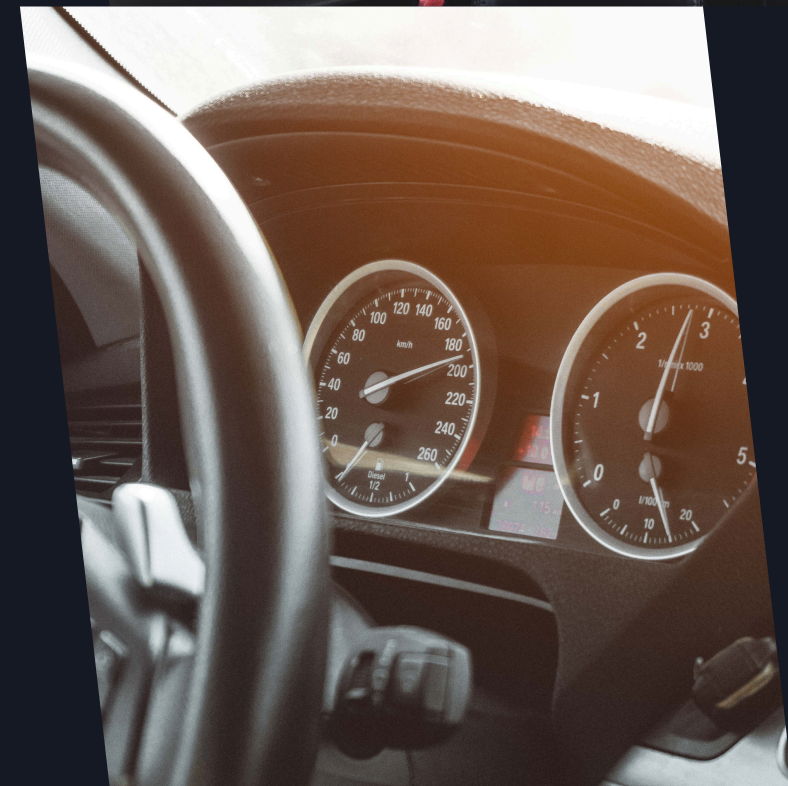
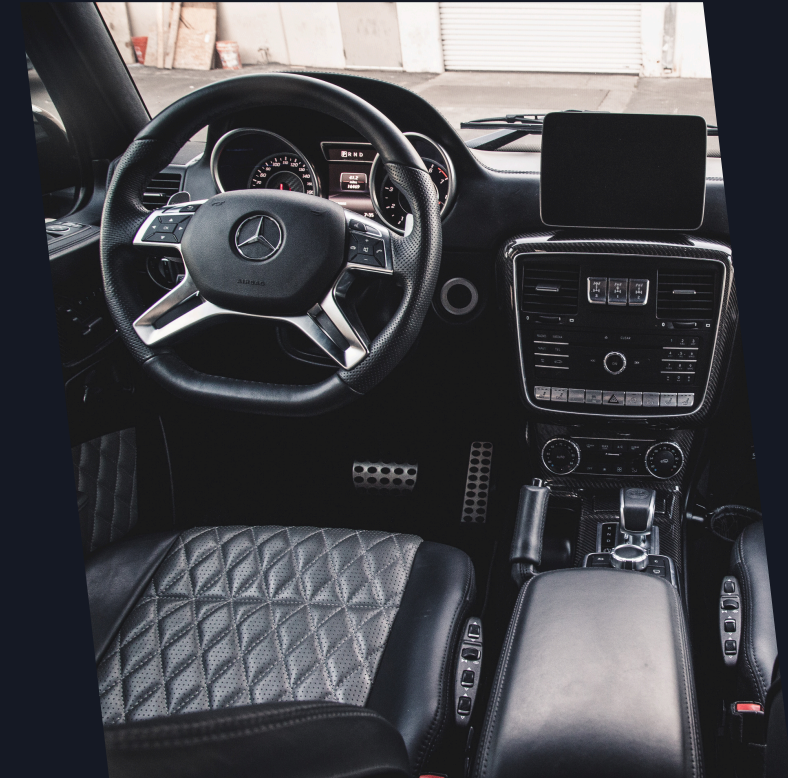
Job Creation and Economic Development:

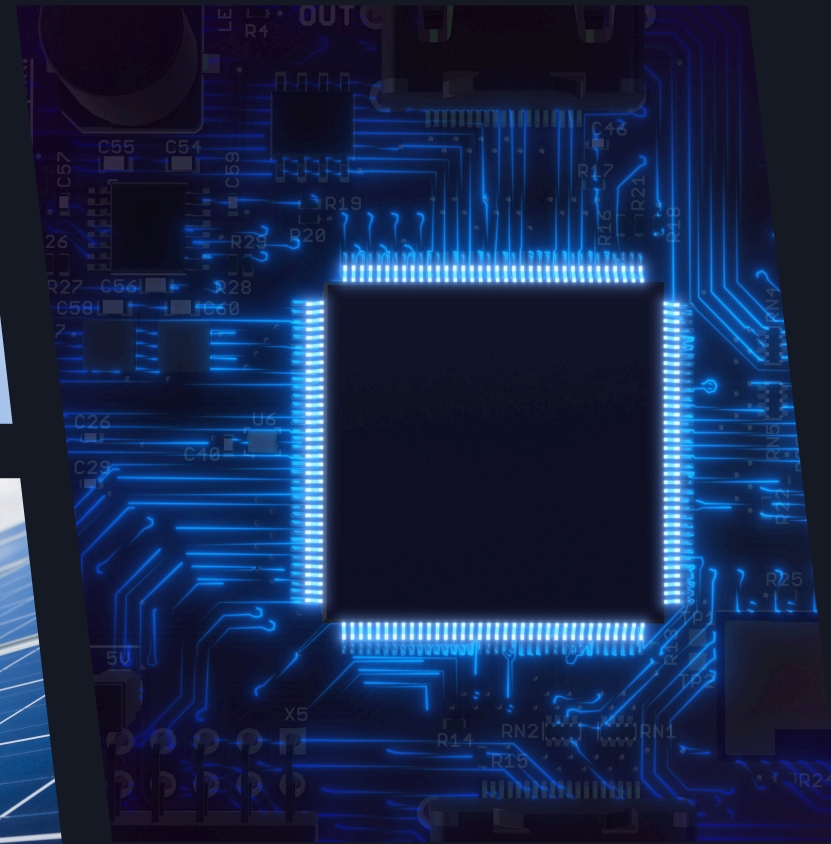
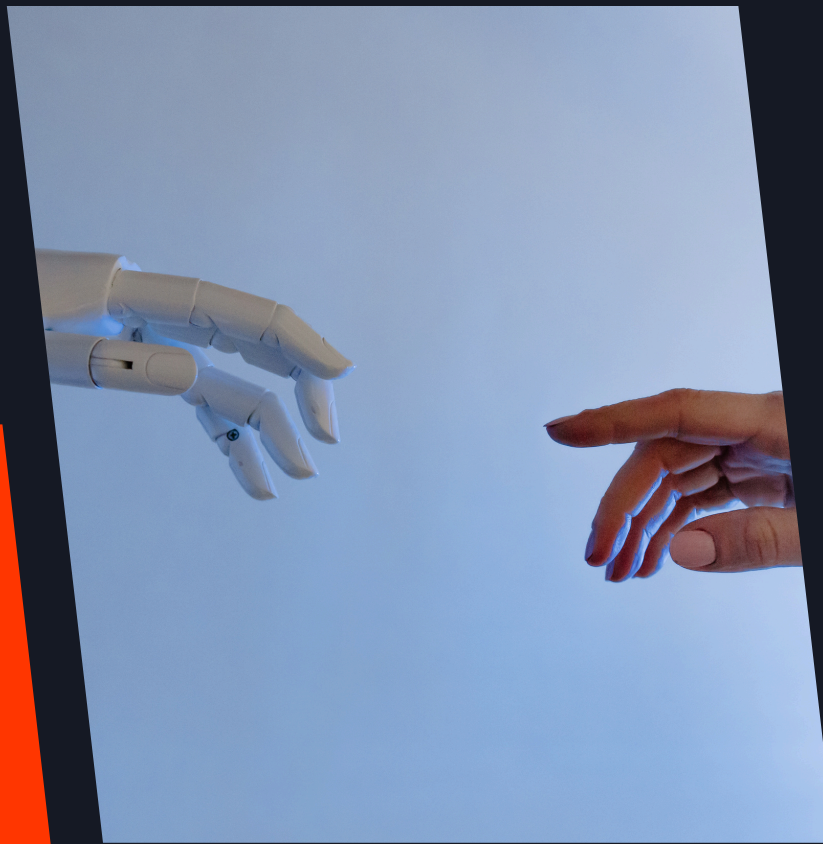
- Manufacturing Hubs: Establish local manufacturing and maintenance hubs to create jobs, stimulate economic growth, and support local communities.
- Training and Development: Implement skill development programs to equip the local workforce with the necessary expertise for the new energy industry.
- Investment and Partnerships: Provide financial support and collaborate with local governments and organizations to foster sustainable development and innovation.

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Sustainability Initiatives:

- Environmental Responsibility: Commit to sustainable practices across all operations to minimize environmental impact and promote conservation.
- Long-Term Partnerships: Foster long-term partnerships to ensure continuous improvement, innovation, and sustainability of energy solutions.
- Community Engagement: Engage with local communities to support social development and ensure the benefits of the energy transition are widely shared.
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IMPLEMENTATION STRATEGY

01

Phase 1: Assessment and Planning

- Conduct detailed assessments of the local energy landscape.
- Identify key areas for investment and development.
- Develop a tailored implementation plan in collaboration with local stakeholders.

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Phase 2: Infrastructure Development

- Establish mining operations for critical materials.
- Develop and integrate renewable energy sources.
- Set up EV infrastructure including manufacturing units and charging stations.

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Phase 3: Operations and Support

- Launch full-scale operations and begin production.
- Provide ongoing maintenance and support services.
- Continuously monitor and optimize performance.

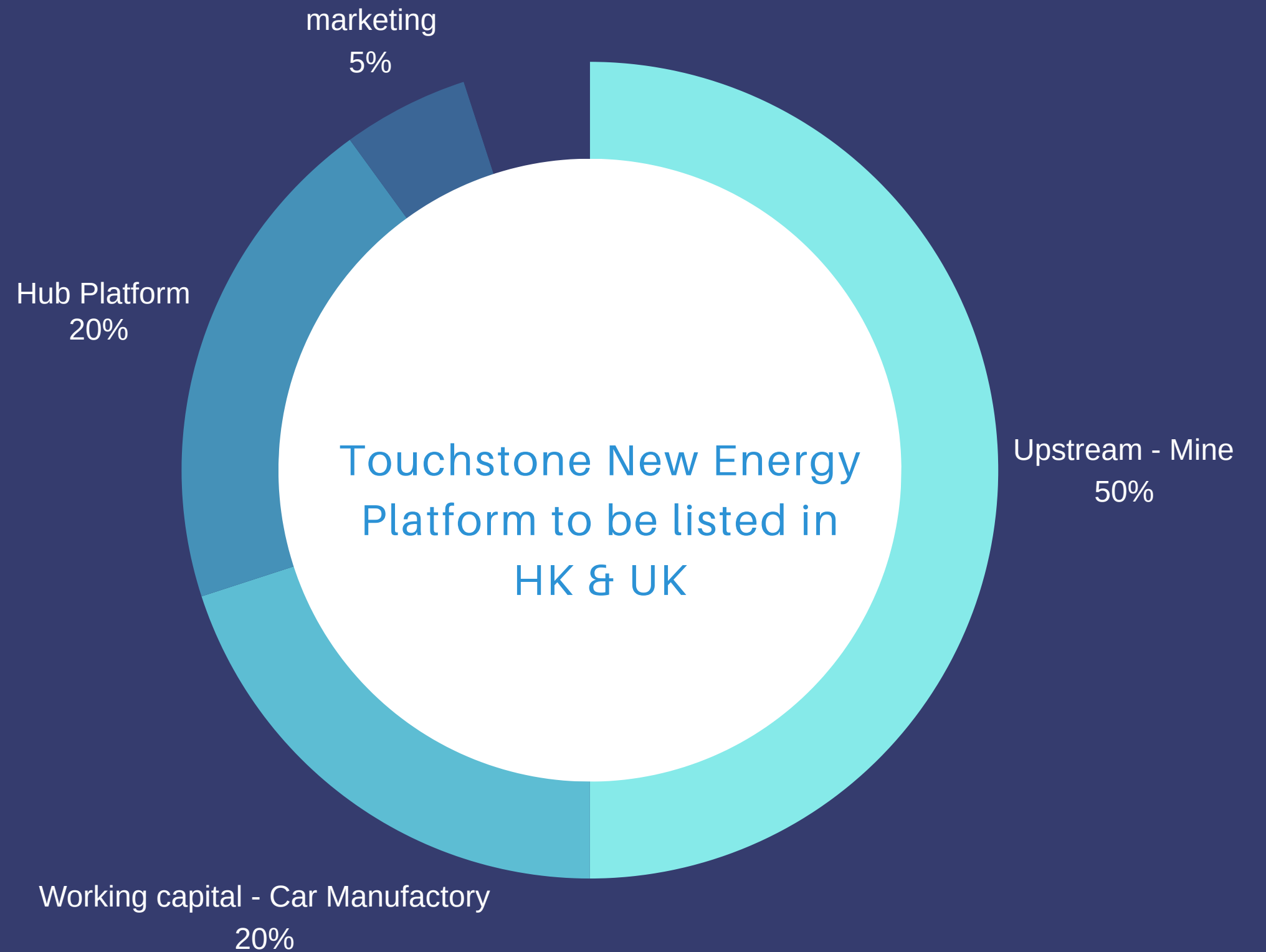
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Phase 4: Expansion and Sustainability

- Scale operations based on demand and performance.
- Invest in research and development for continuous improvement.
- Foster long-term partnerships to ensure sustained economic growth and environmental benefits.

Touchstone New Energy Investment Allocation

Crete Global leading Comprehensive New Energy Solution Provider



TGE MODEL

Introducing the QI TGE0808, the premier electric vehicle from Touchstone Car Brand, designed with state-of-the-art features for an unparalleled driving experience. This model includes an Integrated Traction Control System for optimal stability, a Lane Departure Warning System for safer driving, Blind Spot Detection to reduce side collisions, and a Brake Priority System for quicker emergency stops. The Electronic Stability Control independently manages wheel braking to maintain vehicle stability, while the aerodynamic design, boasting a wind resistance coefficient of 0.36Cd, minimizes wind noise for a quieter ride. With a suite of active safety systems, the TGE0808 ensures enhanced driver confidence in adverse weather, combining advanced safety features with a tranquil driving experience.

8-inch color crystal multi-function touch screen, Bluetooth, voice control, and smartphone connection are all carefully stored for you. Type-net car networking intelligent control system, car condition, remote control, linking you with the whole world. Mobile phone wireless charging platform, Intelligent and science Technology gives you unlimited convenience and possibilities.

TGE Model



Car 01 -SUV



Car 03



T300自动挡

Car 02



Car 04



CONCLUSION

The TCP Global Integrated Transition Energy Platform Program is dedicated to providing holistic and sustainable energy solutions that drive global progress toward energy independence and environmental stewardship. By integrating cutting-edge technologies, fostering local economic development, and promoting sustainable practices, we aim to support the global transition to a cleaner, more sustainable future. Our comprehensive approach ensures that all aspects of the energy value chain are optimized for efficiency, sustainability, and economic benefit, aligning with the best global standards and practices in the energy transition sector.

