SADHAKSHA
ENGINEERING
Paving Tomorrow's Pathways

Sadhaksha Engineering

Road & Infrastructure Development, Paving Tomorrow's Pathway.....









About Us

Paving Tomorrow’s Path



Civil Infrastructure & Transportation Engineering Consultants

Sadhaksha Engineering Pvt. Ltd. is a professionally managed consultancy firm delivering **end-to-end engineering solutions** in Highways, Bridges, Railways, Hydraulic Structures, and Tunnels Sadhaksha Engineering.

Led by experienced professionals including a former Railway expert, the company provides **Feasibility Studies, DPR preparation, Detailed Engineering, Tender Documentation, and Construction Supervision** across the project lifecycle.

- Highway & Bridge Design including ROB/RUB
- Hydrological & Structural Engineering
- Projects executed for MoRT&H
- Focused on Quality, Cost Efficiency & Timely Delivery



Sadhaksha Engineering

Our Founder

Mr. Rana Pratap Chand, Founder & Director of Sadhaksha Engineering Pvt. Ltd., is a seasoned infrastructure professional and former Railway expert with extensive experience in civil engineering and transportation projects Sadhaksha Engineering. With a strong technical foundation and practical field exposure, he has contributed to the planning, execution, and supervision of major highway and railway infrastructure works. His deep understanding of engineering standards, project management, and quality control has been instrumental in shaping the company's technical strength and credibility.Under his leadership, Sadhaksha Engineering has developed into a multidisciplinary consultancy committed to delivering cost-effective, high-quality, and timely engineering solutions.Vision: To build a technically strong and client-focused engineering organization delivering excellence in infrastructure development.





Sadhaksha Engineering

Our Vision

Our mission is to deliver innovative, reliable, and cost-effective engineering consultancy services in Civil Infrastructure and Transportation, ensuring the highest standards of quality, safety, and technical excellence.

We are committed to:

- Providing comprehensive concept-to-commissioning solutions
- Ensuring timely project delivery with strict quality control
- Adopting modern engineering practices and advanced design methodologies
- Creating sustainable and efficient infrastructure solutions
- Building long-term relationships through client satisfaction and trust

To contribute meaningfully to nation-building by developing safe, durable, and future-ready infrastructure.

Sadhaksha Engineering

Sectors

The Sadhaksha Engineering focuses on connecting vision, mission,
and execution within an organization.

Roads, Highways and Expressways
Design and development of national highways, expressways, and arterial roads

Bridges / RoBs
Road over bridges, under bridges, and specialized bridge structures

Tunnels / Elevated Roads
Underground passages and elevated highway corridors









Sadhaksha Engineering

Core Competencies

Advisory Services

- Transaction Advisory
- Bid Process Management
- Demand Analysis
- Benchmarking Studies
- Detailed Project Report
- Transportation Planning
- Traffic & Revenue Studies

Project Management

- Construction Supervision
- Owners' Engineer
- Independent Engineer
- Authority's Engineer

Detailed Engineering & Design

- Value Engineering
- Preliminary Engineering
- Pre-feasibility Studies
- Proof Checking
- Detailed Design

Survey & Investigations

- Geotech & Soil Investigation
- Traffic Survey
- Topographic Survey
- Structural Surveys
- All type of Inventory of Road & Railways



India on the road to success

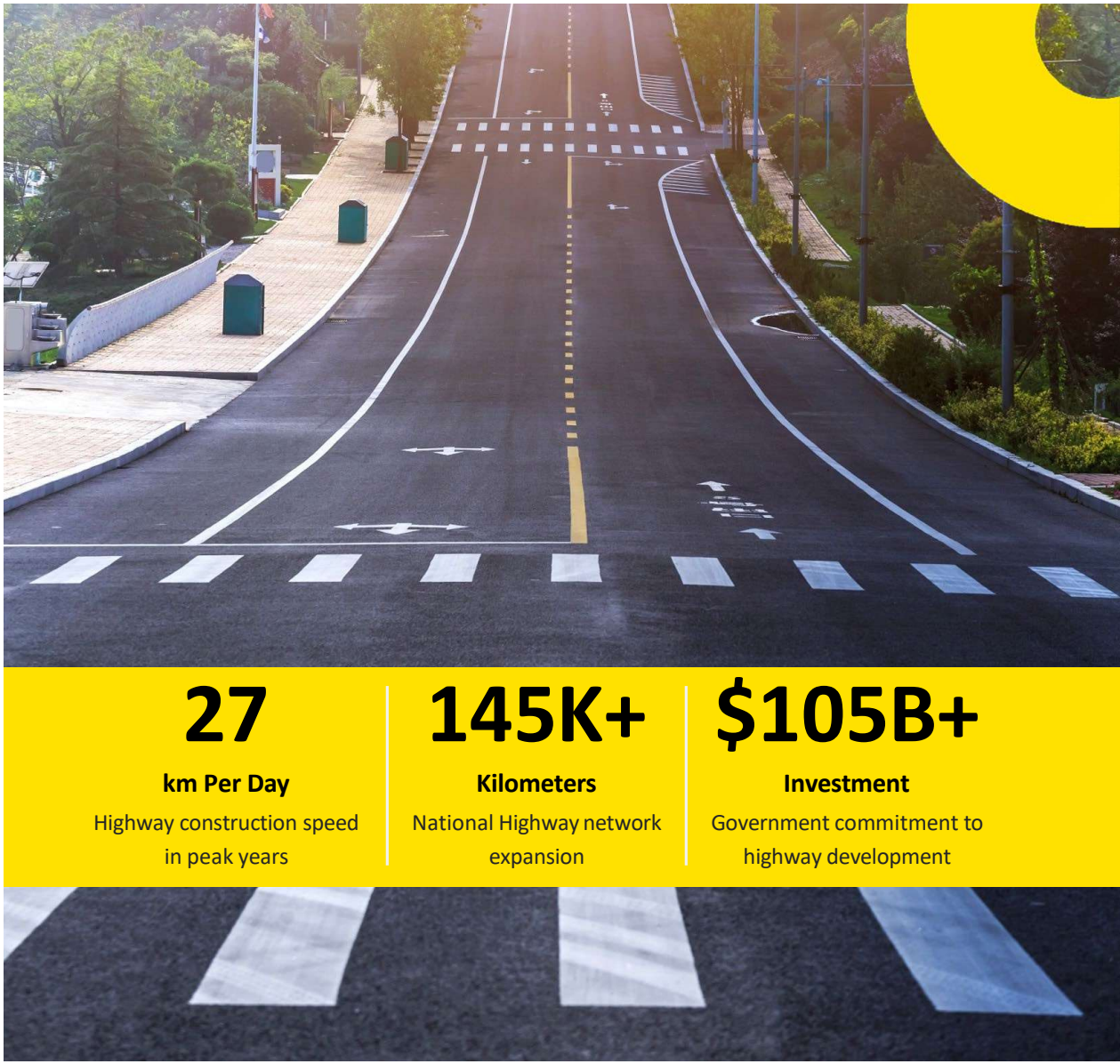
India has become the fastest highway developer in the whole world with almost 27 km of highway built every day

5 reasons why

- One of the largest road networks in the world
- Rapid growth in national highways
- Rising budget allocation to road sector
- Growing private sector involvement
- Overseas Investment in public infrastructure development

India FUTURE PROSPECTS

- India has achieved highway construction speeds of **around 27 km per day in peak development years,** positioning it among the fastest highway developers globally.
- The National Highway network has expanded beyond **1.45+ lakh km,** significantly strengthening national connectivity.
- The Government of India has committed investments exceeding **US$105 Billion** toward highway expansion and modernization under ongoing national infrastructure programs.
- **Bharatmala Pariyojana** continues development of economic corridors, border roads, and coastal highways to improve logistics efficiency.
- Approximately **30,000+ km of 4-Lane corridors** are targeted to enhance connectivity across districts, cities, and industrial hubs.
- Focus remains on **access-controlled expressways, multimodal integration, and sustainable highway development through 2030 and beyond.**



27	145K+	$105B+
km Per Day	**Kilometers**	**Investment**
Highway construction speed in peak years	National Highway network expansion	Government commitment to highway development

World FUTURE PROSPECTS

- **Global Growth:** World road infrastructure continues rapid expansion, with **over 1 million km of new roads built annually** to support economic growth, trade and mobility.
- **Africa:** Major trans-African corridors and cross-border highways are under development to improve regional connectivity and facilitate intra-continental trade.
- **Southeast Asia:** ASEAN nations are accelerating expressway networks and high-capacity corridors to connect economic hubs, ports and industrial zones.
- **West & East Europe:** Focus on upgrading and expanding core transport corridors under trans-European networks to enhance freight movement and sustainability.
- **Caucasus & Central Asia:** Strategic highways are being developed to strengthen Eurasian transit routes, linking Europe, the Middle East and Asia for future trade integration.
- **Future Outlook:** Continued investments in **multi-lane expressways, economic corridors, and logistics-oriented networks** will drive global mobility, economic competitiveness, and integration through 2030 and beyond.



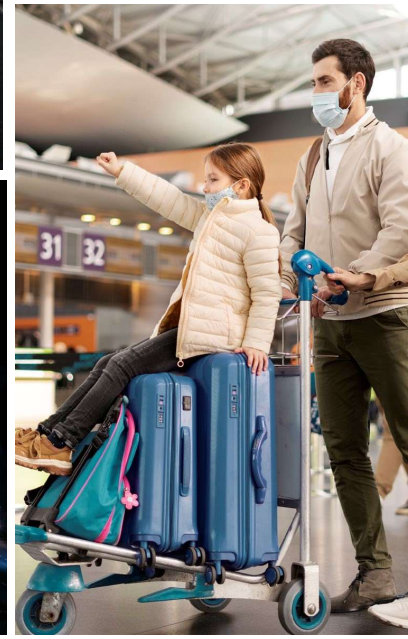


1M+

Kilometers Annually

New roads built globally each year





Opportunities in other core sectors in India

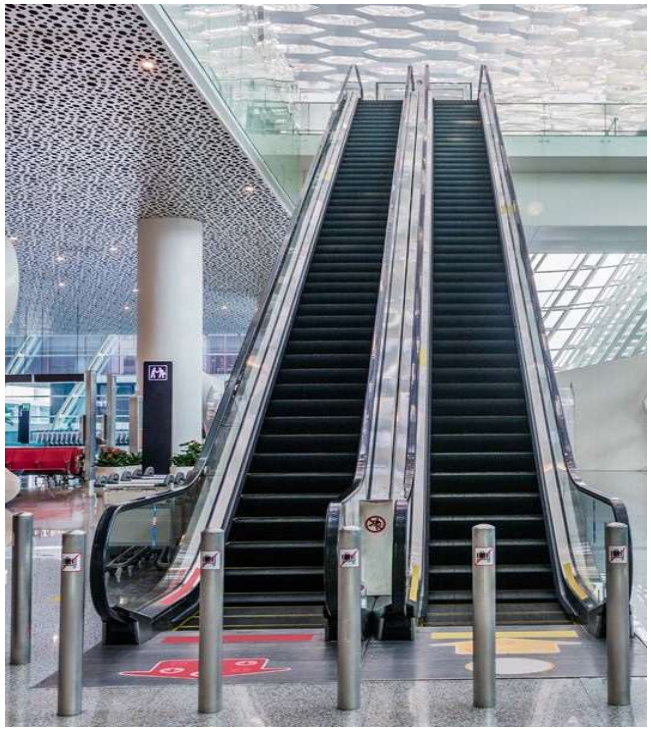
Power Distribution
Electrical infrastructure and grid development

Renewable Energy
Clean energy infrastructure projects

Urban Development
Smart cities and metropolitan infrastructure

Railways & Metro
Urban rail and metro systems expansion

Waterways
Inland water transport infrastructure











Vision of the Government of India – Infrastructure Development

The Government of India is committed to **transforming the nation into a globally competitive infrastructure powerhouse** through large-scale investment, policy reforms, and accelerated project execution.

Key focus areas include:

- Expansion of **highways, expressways, and economic corridors**
- Strengthening **multimodal logistics** and industrial **connectivity**
- Promoting **PPP models and private sector participation**
- Implementing **technology-driven and sustainable infrastructure solutions**
- Enhancing **seamless connectivity across urban and rural regions**

With a robust project pipeline and strong institutional support, India presents **significant long-term opportunities for developers, investors, and infrastructure partners.**

Building the foundation for a high-growth, connected, and future-ready India.

Investment Opportunity for Foreign Investors – Indian Highway Sector

Why Invest in India's Infrastructure?

- One of the **largest highway development programs globally**
- Strong and predictable **policy framework under PPP, HAM, BOT & TOT models**
- **Government-backed payment security** mechanisms reducing revenue risk
- **100% FDI permitted under automatic route** in roads & highways sector
- **Growing freight demand** driven by manufacturing, logistics & urban expansion

Return & Growth Potential

- **Stable, long-term cash flows** through annuity & toll-based revenue models
- **Attractive IRR potential** in operational & brownfield assets
- **Asset monetization opportunities** via InvIT platforms
- **Low traffic risk in HAM model** with fixed government annuity payments
- **Expanding secondary market** for infrastructure asset acquisition

India offers scale, stability, and long-term growth – making it a strategic destination for global infrastructure investors.

Professional Experience

Preparation of Pre-Construction Activities For construction of New NHS The Highway starting from Its Junction with NH-37 Near Pailapool Connecting Joypur, Harinagar, Kumachara, Jenam, Hangrum and Terminating at Its Junction with NH-137 (Mahur - Tamenglong Road) in the state of Assam.

- Client:-National Highway infrastructure Development Corporation Limited (NHIDCL)
- Length:-58 Km.
- Lead Partner:- MSV International Inc.

Consultancy Services for Preparation of Detailed Project Report for Construction of additional 2 lane ROB of Chouri Chora and Deoria ROB of NH-727A in the State of Uttar Pradesh.

- Client:- Ministry of Road Transport & Highway & Public Work Department-National Highway
- Length:- 3 K.M.
- Lead Partner:- M/s Sterling Indo Tech Consultants Pvt Ltd

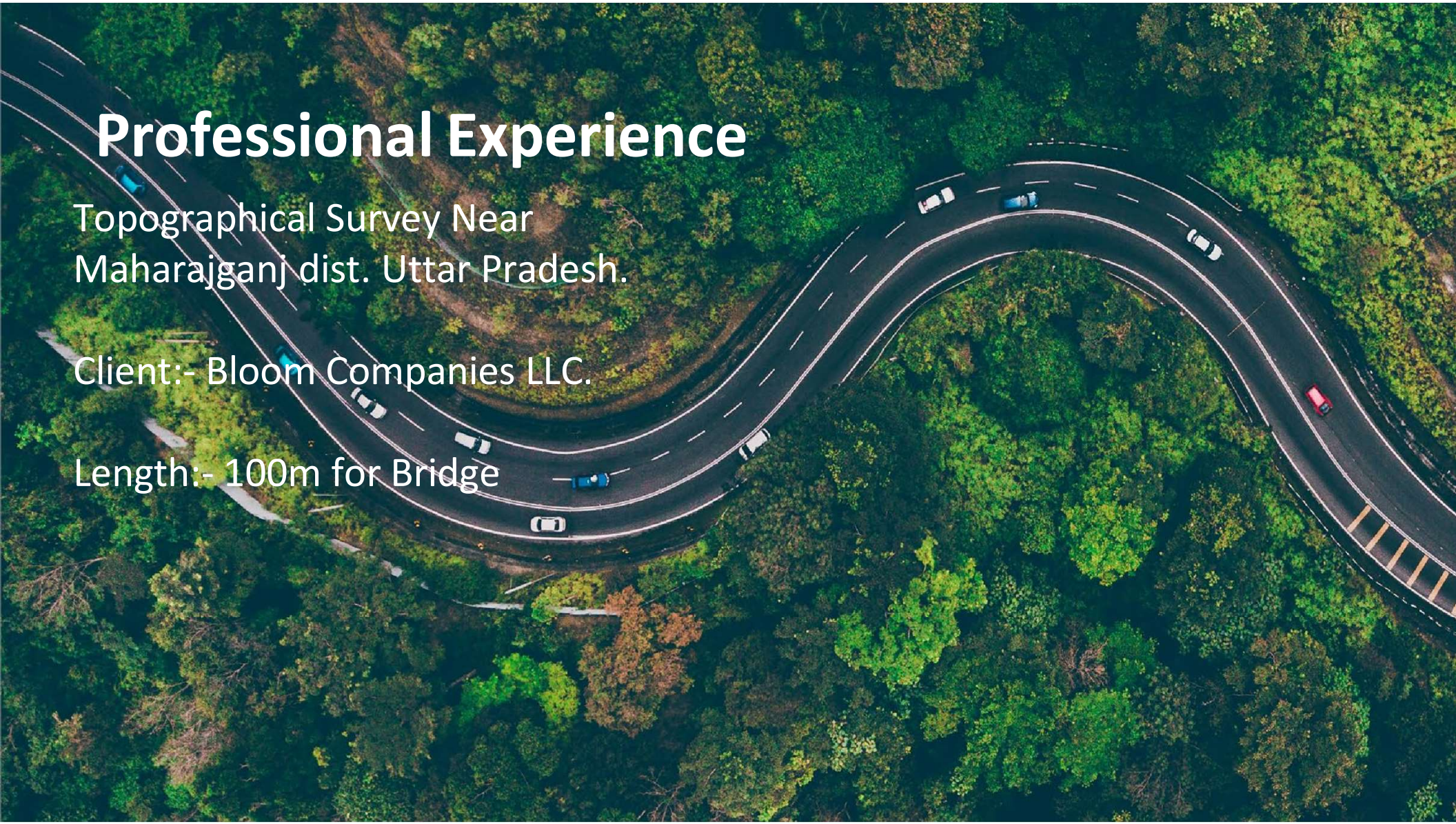
Professional Experience

Consultancy Services for Feasibility study &Preparation of Detailed Project Report including LA & Other Clearance for 4- Laning of Arwal to Biharsharif from km 0.00 to km 89.00 of NH-110(New NH-33) in the State of BiharLength:-58 Km.

- Client:- Ministry of Road Transport & Highway & Public Work Departments
- Length:- 89 Km.
- Lead Partner:- MSV International Inc.in association with Sri Infra Consulting Engineers Pvt. Ltd.

Reconstruction of narrow bridge at Km. 20.290 on NH-727A to four lane bridge on Engineering, Procurement and Construction (EPC) mode in the State of Uttar Pradesh.

- Client:- Ministry of Road Transport & Highway & Public Work Departments.
- Length:- 45m
- Lead Partner:- M/s Sterling Indo Tech Consultants Pvt Ltd



Professional Experience

Topographical Survey Near
Maharajganj dist. Uttar Pradesh.

Client:- Bloom Companies LLC.

Length:- 100m for Bridge

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Let’s Connect with Us

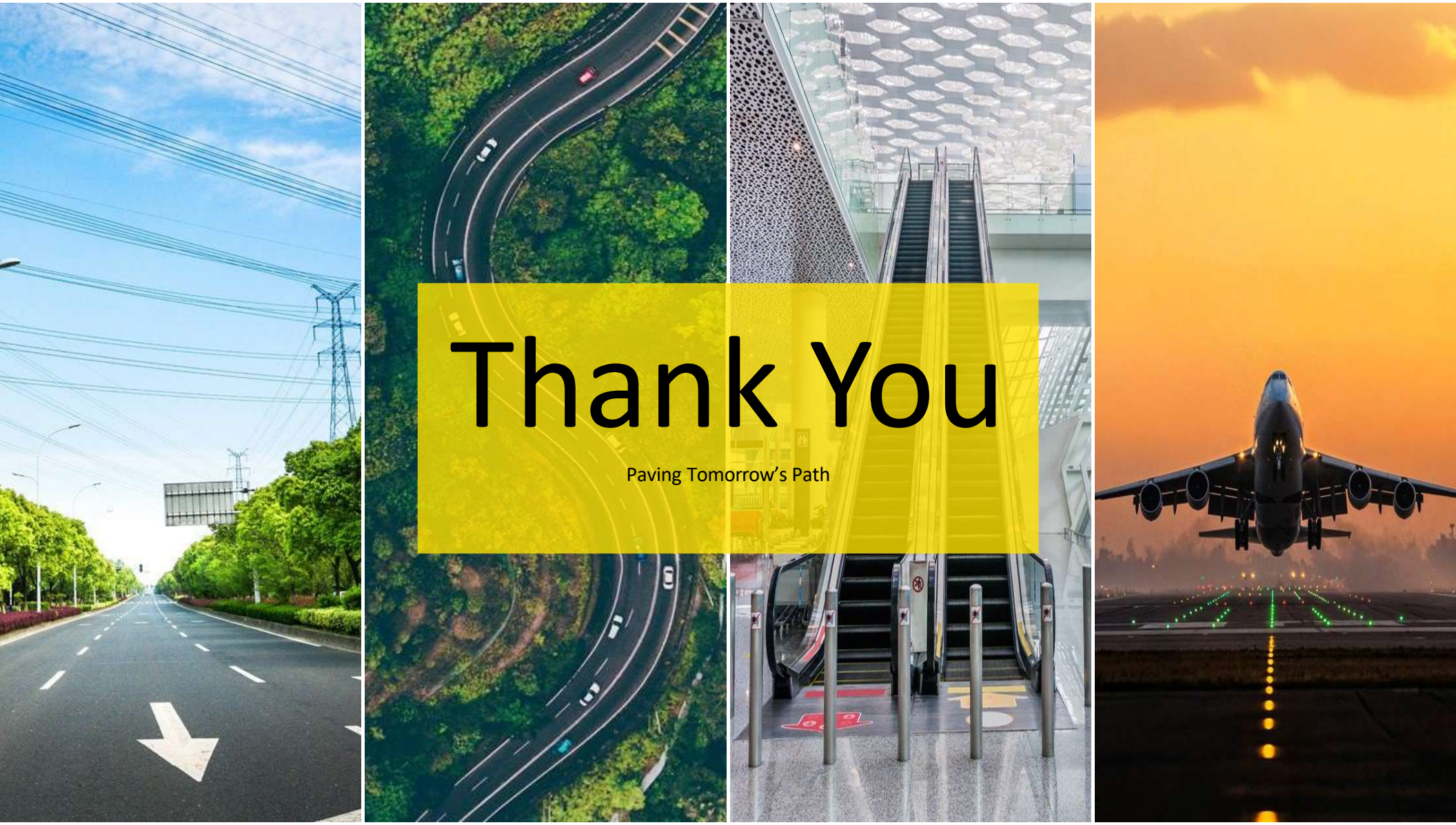


The Sadhaksha Engineering focuses on connecting vision, mission, and execution within an organization.

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Thank You

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