



Lakshya

Growth Roadmap FY27-29

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Business Outlook

Ankit Agarwal
Managing Director

STL enters its next phase of growth

**Structural shift in
Optical demand**

**Our Core
Capabilities**

**Envisioning
Growth Roadmap**

Optical demand is structurally shifting beyond traditional networks



Telcos & Citizen Networks

Broadband expansion & network fibreisation

FTTH • BharatNet • BEAD • 5G



AI DC & Large Enterprise

AI compute scaling & optical densification

Inside-DC connectivity • DCI

AI Factories are rewriting the Data Centre connectivity stack



Traditional Cloud Data Centre



AI Factory

Higher AI density drives multifold growth in optical content

1k Fibers/Rack



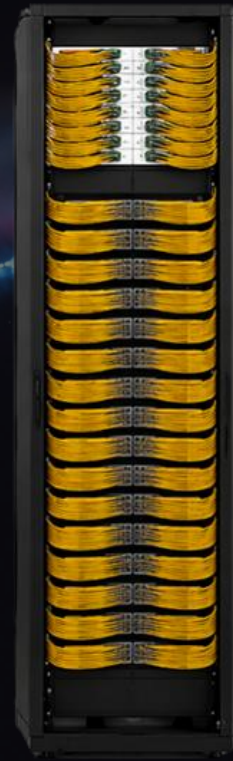
Legacy Frontend

4k Fibers/Rack



Hopper
2022-23

16k Fibers/Rack



Blackwell
2024-26

64k Fibers/Rack

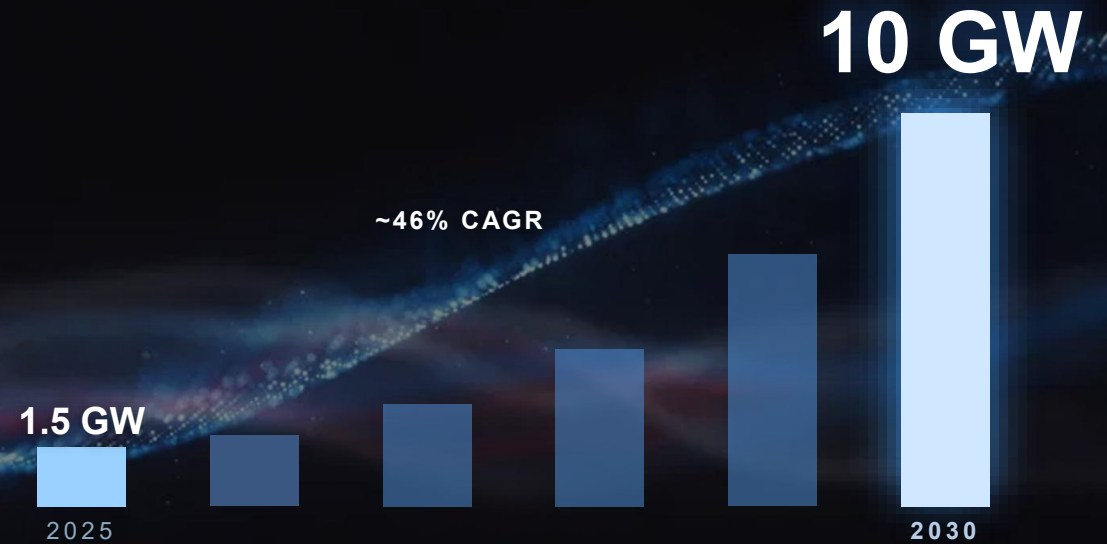
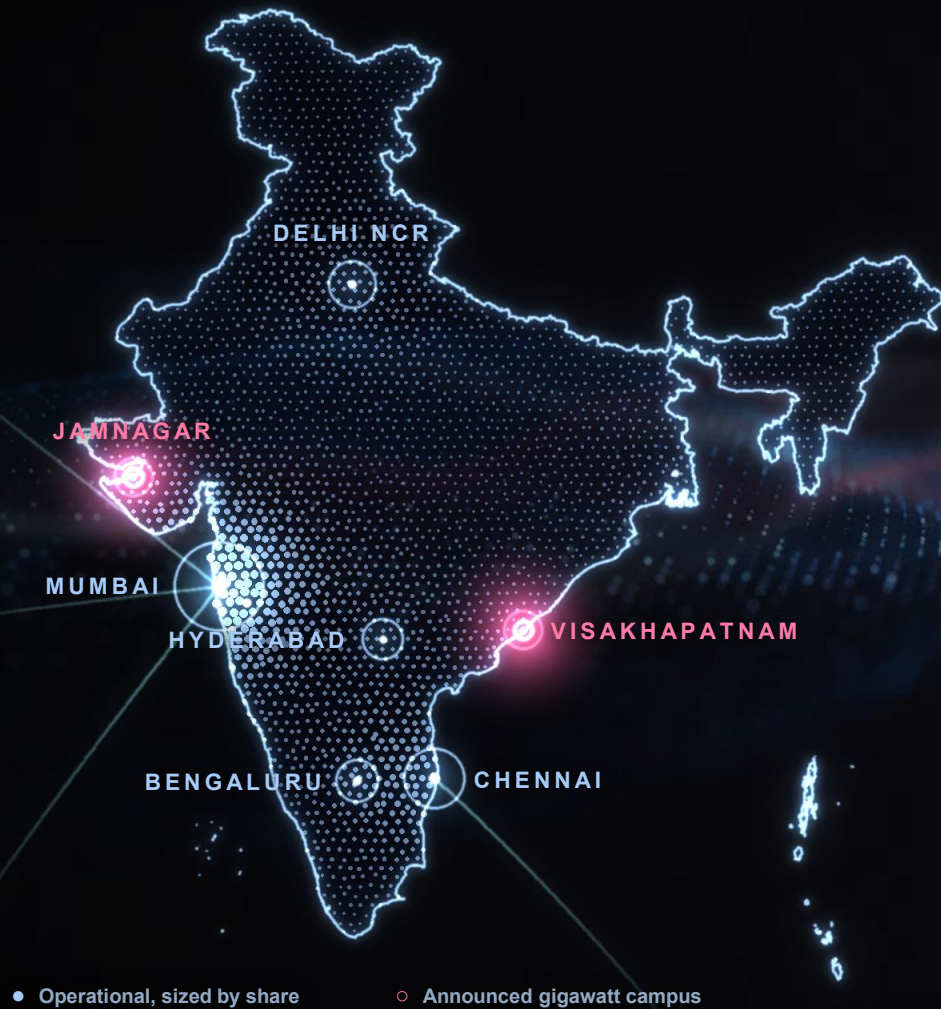


Vera Rubin
2027 onwards
Second half of 2027

AI Scale is accelerating demand across the DCI layer



India is emerging as the next major AI infrastructure opportunity



\$200B
Capital expected by 2030

38,000+
GPUs Onboarded

+45 TWh
Incremental power demand

4+3
Subsea cable systems

India's #1 end-to-end optical manufacturer

Preform → Fibre → Cable → Connectivity

 **9%**

Global market share in
OFC, excluding China

 **38+**

Years of industry
leadership

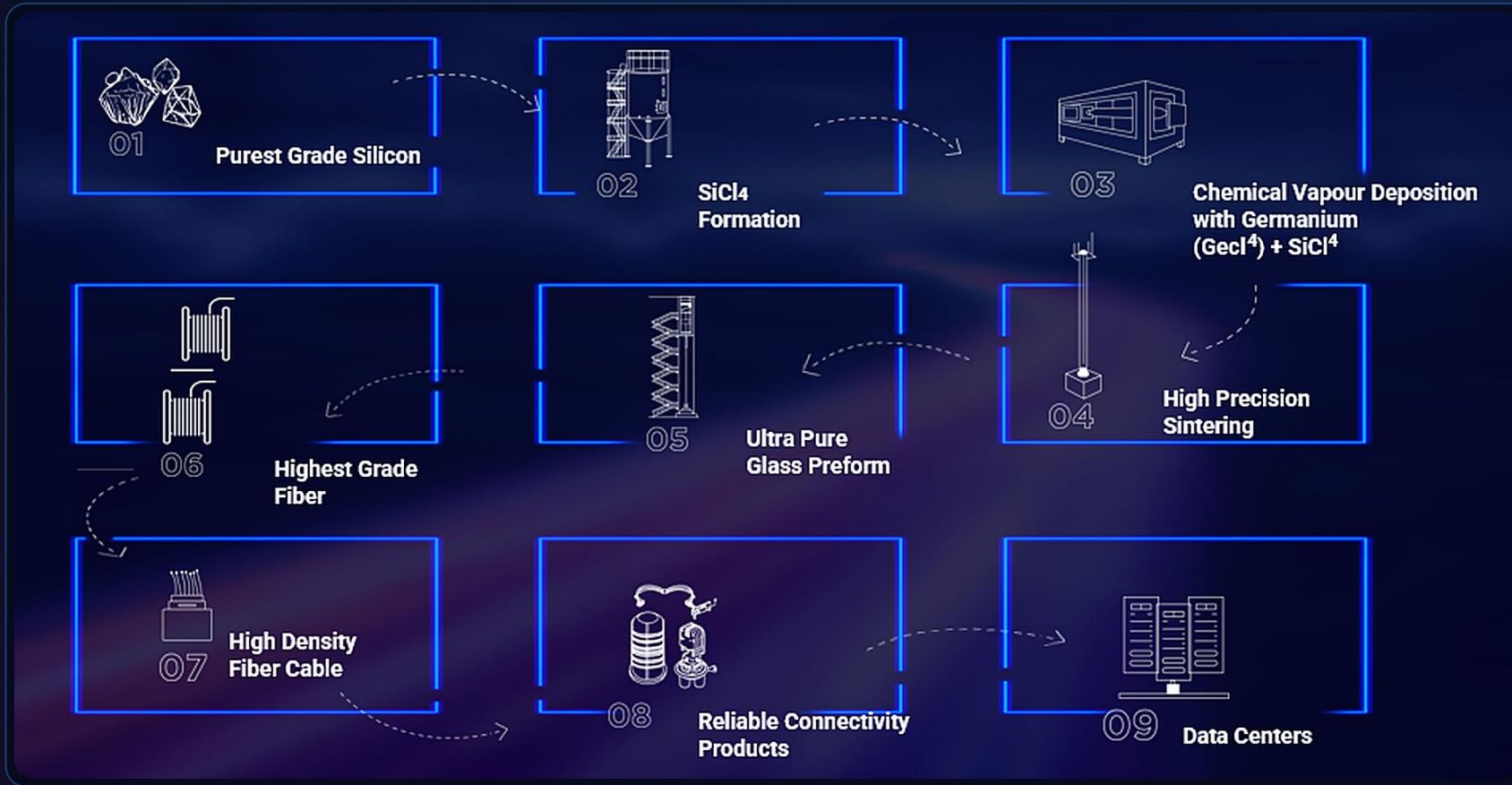
 **785+**

Global patents filed
and granted

 **10+**

Advanced
manufacturing facilities
**zero waste to landfill,
zero liquid discharge**

We make our own glass



Product portfolio



Optical Fibre Cable



Pre-terminated Solutions



Optical Connectivity Solutions



Structured Cabling Solutions

Growth Roadmap FY27–29

Lakshya

To be among the top 5 players globally in
optical connectivity solutions

₹20,000 Cr*

Revenue in FY29

Key Growth Drivers



**Optical TAM
Expansion**



**Customer
Co-development**



**Integrated
Connectivity
Solutions**



**Tech-led
Differentiation**

Expanding capacity to 1.5x to enable the next phase of growth

Financial Perspective

Ajay Jhanjhari

Chief Financial Officer

STL's Growth Roadmap

LAKSHYA: FY27-29



Capital Allocation for Long-Term Growth



Investing ₹1,000 Cr annually over next three FYs to expand preform, fiber and cable capacities by 50%



Establishing a greenfield manufacturing facility for pre-terminated connectivity solutions in India, creating employment opportunities for over 3,000 women



Committing 2% of annual revenue toward continuous technological innovation (MCF, HCF & CPO)

Risks & Assumptions

- **AI Infrastructure Momentum:** Continued hyperscaler and AI infrastructure investment will support sustained demand growth and cluster deployments
- **Supply Chain Resilience:** Proactive sourcing, supplier diversification and cost management will ensure availability of critical materials and protect margins
- **Pricing & Value Discipline:** Differentiated products, customer positioning and operating discipline will enable us to protect realizations and value capture through industry cycles
- **Geopolitics & Trade Policy:** Continuity of a favorable tariff and trade-policy framework will be important to sustain competitiveness and support growth
- **Execution Excellence:** Timely capacity ramp-up, customer qualification, consistent quality and reliable lead times will be critical to delivering the growth plan.



STL

beyond tomorrow