

THE INDIA ADVANTAGE SUMMIT — 2025 —

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“ **Transformational pathways** — in food, energy, digital access, education, jobs and climate — are our road map. Progress in one area can multiply progress across all of them. But we must move faster, and we must move together. ”

António Guterres, UN Secretary-General





Sanjeev Sharma, Swaayatt Robots

Advancing DeepTech Future: AI, Drones & SpaceTech

DeepTech is no longer niche; it is becoming the industrial backbone of the modern world. With AI projected to add \$15.7 trillion to the global economy by 2030 and the commercial drone market expected to surpass \$50 billion, disruptive technologies are taking flight, literally and figuratively. Autonomous systems, next-gen aerial mobility, and the rapidly evolving space sector are no longer emerging; they are converging. From real-world deployments to shifting regulatory frameworks, and from national priorities to global partnerships, the DeepTech frontier isn't waiting. The countdown is over; the launch has begun.

Clean Energy, Connected Mobility & Skilling

The global clean energy market reached over \$1.2 trillion in investments in 2024, while electric vehicle sales topped 17 million units worldwide. Digital mobility services are estimated to move more than 30% of urban commuters in leading cities by 2030. New skilling programs aim to train over 80 million workers globally in renewable energy and connected mobility fields by 2030. With industries converging and automation on the rise, the focus is on building talent, upgrading infrastructure, and enabling access for all. The era of sustainable growth, empowered by technology and human capital, is moving from ambition to action!



Padma Bhushan Nandan Nilekani*
Infosys & India's Digital Transformation Leader



Ambika Banotra, NRW Global Business

Global Collaborations for Sustainability

Sustainability challenges know no borders. With climate action urgent and progress on the 2030 SDGs behind schedule, global collaboration is no longer optional; it is necessary. From cross-border climate projects to joint investments in clean infrastructure and data sharing for resilient cities, partnerships between governments, institutions, and industry are driving real change. As risks become more complex, international alliances, shared innovation, and transparent governance form the path toward a truly sustainable future. Now is the time to come together.

Smart Manufacturing, Logistics & Solutions

Smart manufacturing and advanced logistics are redefining industry productivity and resilience. Global investment in industrial automation is expected to surpass \$230 billion by 2025, with robotics and IoT powering more than 50% of new factory upgrades. Integrated supply chains and real-time logistics platforms are forecasted to reduce delivery times by over 30% in leading sectors. New digital solutions are connecting machines, workers, and data to unlock efficiency, minimize downtime, and enable rapid response to disruptions. As global demand and complexity increase, the shift to smarter manufacturing and logistics systems is enabling sustainable growth and future-ready industries.



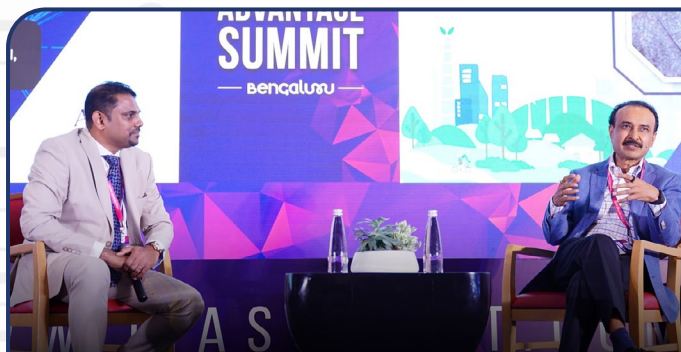
Dattatri Salagame
Bosch Global Software Technologies



Sujith Nair, FIDE

Digital Economy powered by FinTech & Cyber Resilience

The digital economy is expanding rapidly, with global digital payments projected to exceed \$12 trillion in 2025 and FinTech investments surpassing \$300 billion annually. As businesses and individuals embrace digital transactions, robust cyber resilience is vital: cyberattacks on financial systems have grown by 38% globally in the past year. Innovations in blockchain, embedded finance, and AI-driven risk assessments are enabling secure, seamless financial services. Meanwhile, governments and industry leaders are collaborating on standards and advanced cybersecurity strategies to protect trust in the digital ecosystem.



Padma Shri Prashanth Prakash*
Accel & India's Startup Ecosystem Leader

Capital Meets Capability: Investments for a Better Tomorrow

Catalyzing future growth means aligning capital, deep technologies, and talent. Global investment in sustainable infrastructure, technology, and new markets is on record pace, with more than \$1.2 trillion flowing into clean energy in 2024. Venture and institutional funds are increasingly supporting startups and scale-ups focused on climate tech, advanced AI, and DeepTech sectors such as robotics, space, and digital manufacturing. Strategic capital, including patient capital committed for the long term, is unlocking advancements in healthcare, manufacturing, and digital services.

Reinventing the Built Environment (Smart Materials and Tech-Enabled Circularity)

Built environments are being transformed by innovations in materials and digital tracking. The global smart materials market is set to reach over \$98 billion by 2028, driving new standards for energy efficiency, durability, and adaptive design. Technologies like embedded sensors, RFID, and IoT-based asset tracking enable real-time monitoring of buildings and infrastructure, improving maintenance and occupancy management. These advancements support greener construction and smarter cities, with automation and data analytics reducing waste and downtime. As urban needs evolve, blending advanced materials with tech-enabled tracking is making spaces more sustainable, responsive, and resilient for the future.



Jan Kuenne, EDG Inc

AgriTech and HealthTech Synergies to drive Wellness

Modern agriculture is being revolutionized by smart technologies like precision farming, data analytics, and climate-resilient crops, leading to higher yields and better resource use. This progress ensures a stable supply of nutritious food, widening access to safer, more diverse diets. As good food becomes more available, HealthTech innovations such as personalized nutrition, AI-driven diagnostics, and digital healthcare platforms are empowering people to make healthier choices and prevent disease. Together, advances in AgriTech and HealthTech are not just improving what we eat and how we care for ourselves; they are laying the groundwork for lifelong wellness and stronger, more resilient communities.



Dileep Mangsuli, Siemens Healthineers



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