


Uttar Pradesh is on way to becoming India’s semiconductor hub: Chief Secretary Manoj Kumar Singh

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 **Arpit Gupta** • ETGovernment

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The latest edition of the Global Investors’ Summit, held in February 2023, witnessed the signing of over 27,000 MoUs with an estimated investment size of approximately Rs 34 lakh crores, creating 1.12 lakh employment opportunities.

In a giant leap for India’s semiconductor industry the Union Cabinet chaired by Prime Minister [Narendra Modi](#) approved, in February 2024, the establishment of three semiconductor units under ‘Development of Semiconductors and Display Manufacturing Ecosystems in India’.

India’s demand for electronics products continues to grow at a phenomenal pace and the Central Government wants to ensure that the semiconductors are produced in the country and there is less dependence on imports. The Uttar Pradesh government has launched its own UP Semiconductor Policy - 2024. This ambitious policy is designed to boost local semiconductor manufacturing, enhancing India’s strategic independence in critical technology sectors.

Manoj Kumar Singh, Chief Secretary of Uttar Pradesh, in conversation with Arpit Gupta, Assistant Editor, ETGovernment, sheds light on the Government of Uttar Pradesh’s vision of transforming the state into a hub of semiconductor and electronics manufacturing.

Edited excerpts:

Uttar Pradesh has been trying to attract investments from world’s leading semiconductor players. What is the status of semiconductor manufacturing projects in the state?

The Uttar Pradesh government has envisioned developing the state into a semiconductor manufacturing hub of India. We have received four proposals totalling around Rs 40,038 crore and one of the proposals - [Tarq Semiconductor Private Limited](#) (a subsidiary of the Hiranandani group) - would be placed before the empowered committee for clearance.

Tarq Semiconductor is expected to invest Rs 28,440 crore while Kaynes Technologies subsidiary Kaynes Semicon is set to invest Rs 4,248 crore. Aditech Semiconductor has proposed an investment of Rs 3,751 crore and Vamasundari Investment Delhi has planned to invest Rs 3,599 crore. The projects are expected to create over 32,000 jobs in the state.

In the area of mobile manufacturing, Uttar Pradesh is doing quite well. How do you view the consumer electronics industry in the state?

Uttar Pradesh’s conducive business environment and proactive policies have attracted significant investments in the IT and Electronics sector. The state leads the nation in mobile phone manufacturing, producing 55% of all mobile phones and 60% of mobile components nationwide. Beyond mobile phones, Uttar Pradesh’s electronics manufacturing sector is diversifying into consumer electronics, LED lighting, electronic components, and IT hardware.

Over 200 companies from the [Electronics System Design and Manufacturing \(ESDM\)](#) sector operate in the state. Leading companies such as Vivo, Oppo, Samsung, Lava, Haier, and LG, along with component suppliers like Holitech, Transsion, Jahwa, Sunwoda, and Samkwang, have established their units in Uttar Pradesh.

The Japanese conglomerate [Marubeni Corporation](#) has expressed interest to develop a next generation industrial park in Uttar Pradesh. How will it transform the technological manufacturing landscape of the state?

Headquartered in Tokyo, Marubeni Corporation, a Japanese conglomerate of 463 companies has expressed interest to develop a next generation industrial park. The company provides a state-of-the-art plug and play model for new generation business players besides promising FDI and an assured tenant base. The matter would be evaluated and discussed in detail before a call on their proposal is taken.

The Marubeni Corporation, having presence in 65 countries, operates a diverse range of businesses globally in areas like lifestyle IT solution, food agribusiness in consumer products category, forest products, chemicals, besides having a presence in energy, infrastructure, power, aerospace and ships, finance and real estate, industrial machinery and mobility.

The project is estimated to offer a range of quantifiable and qualitative benefits with potential to transform the technological manufacturing landscape of the state and that of the country through job creation and bringing a direct investment of about USD 340 million, besides FDI to the tune of USD 1 billion.

UPEIDA has signed MoUs with ETH Zurich and RTDT Laboratories to improve the riding quality and riding comfort in Ganga Expressway using Aero sense technology & AI sensor module. Can you tell us more about it?

Two landmark agreements have been signed between Uttar Pradesh Expressways Industrial Development Authority (UPEIDA) and ETH – Swiss Federal Institute of Technology, Zurich – One of the World’s top universities and RTDT Laboratories AG (a spin-off company of ETH Zurich) to improve the riding quality and riding comfort using Aero sense technology & AI sensor module, in Ganga Expressway for total length of 594 Km from Meerut to Prayagraj.

Uttar Pradesh will become the first state in India to implement this technology in their expressways. Once this pilot project is successful, we plan to implement this technology across all expressways in Uttar Pradesh, which will benefit lakhs of consumers using these expressways for their commute.

How are you harnessing the use of technology to boost On-Time Delivery (OTD) goals?

Several initiatives have been undertaken to harness the use of technology to boost our On-Time Delivery (OTD) goals.

Lucknow - AI City: Aligned with the vision of the Government of India, the Government of Uttar Pradesh aims to strengthen the AI innovation ecosystem within the state. Uttar Pradesh plans to build the country’s first AI city in Lucknow to house and promote the AI ecosystem. The AI City is envisioned to nurture and promote the AI ecosystem within the state and to develop the city as a new technology hub.

Online Land Bank Integration: Land bank details from the IDAs and districts have been incorporated and made available online through integration with the portal. This allows investors to see and check available land easily.

KPIs for Manufacturing Sector: Key performance indicators (KPIs) identified for the industry sector have been digitally incorporated into the portal and are being monitored regularly. This helps in enhancing the manufacturing sector through better tracking and analysis.

Dedicated OTD Portal: A separate portal has been dedicated to OTD, which includes all the details, KPIs for all sectors, their growth, and tracking.

Survey App: A survey app has been designed to check the functional status of the factories allotted to investors, ensuring real-time updates and efficient monitoring.

What is the progress of projects launched during the Ground Breaking Ceremony (GBC 4.0)?

The latest edition of the Global Investors’ Summit, held in February 2023, witnessed the signing of over 27,000 MoUs with an estimated investment size of approximately Rs 34 lakh crores, creating 1.12 lakh employment opportunities. The state government organised a grand Ground Breaking Ceremony on 19th February, 2024, in Lucknow. We have been able to implement more than 14,000 projects with an estimated investment size of more than Rs 10 lakh crores to create over 33.50 lakh job opportunities.