

Connected Information Ecosystems Enabling Integrated Urban Governance

In the context of India's rapidly growing urban populations, urbanization, city planning, utilities, and telecom networks have taken on pivotal roles in the quest for urban renewal. The overarching vision is to elevate the functionality and governance of urban areas, with a strong focus on citizen-centric inclusivity and the pursuit of a greener, more sustainable India through the integration of new and renewable energy sources. The Urban development program had focused deliberations on the below topics:

Connected Information Ecosystem
Enabling Integrated Urban
Governance

Digital Transformation Enabling
Resilient and Sustainable Urban
Development

National Geospatial Infrastructure
and its Impact on Urban
Development

KEY TAKEAWAYS:

- Geospatial technology integration enhances urban areas, making them more efficient, resilient, and sustainable, paving the way for smarter cities.
- Smart cities of the future demand a departure from outdated technologies and infrastructure, emphasizing the need for innovation and modernization.
- A data-driven approach facilitated by Geospatial Infrastructure empowers urban planners and policymakers to make informed decisions and engage citizens effectively.
- The Integrated Urban Data Exchange Platform (IUDXP) serves as a unified data portal, promoting seamless integration and sharing of both spatial and non-spatial data to optimize city services.
- The Urban Project Planning and Management (UPPM) tool streamlines the entire lifecycle of multi-agency urban projects, from concept to supervision, ensuring more efficient project delivery and management.
- Geospatial technology plays a pivotal role in addressing urban challenges such as traffic congestion, pollution, and resource allocation by providing real-time data and insights for better decision-making.
- The advancement of IoT (Internet of Things) and sensors within urban areas contributes to the creation of smart cities by enabling efficient management of resources, enhancing public safety, and improving overall quality of life for residents.
- Collaborative efforts between government agencies, private sector stakeholders, and the community are essential for the successful implementation of urban development and technology adoption initiatives, ensuring sustainable growth and urban resilience.
- The overall objective is to create a citizen-centric economy, where the economic development and opportunities are centred on the needs and involvement of the citizens.
- The above points discussed collectively aim to improve urban living conditions, promote sustainable practices, and ensure that urban development in India is people-focused and technologically advanced.



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