KNOWLEDGE **PAPERS**

Series 1/2025



Forging New Horizons: The Growth of India's Shipbuilding & Repair Industry

The FICCI-Crisil Knowledge Paper, 'Forging New Horizons: The Growth of India's Shipbuilding & Repair Industry,' examines the growth potential of India's shipbuilding and ship repair industry with respect to the global market trends and sustainability initiatives. It aims to benchmark India in pace with global leaders, highlighting best practices in green shipbuilding and policy interventions required for sectoral expansion. One of the key themes of the Paper is analysing the current industry landscape of shipbuilding in India, comparing its market share with major shipbuilding nations, and assessing international demand trends for global positioning. It sheds light on key government policies and India's financial capabilities, identifying major growth challenges and proposing actionable solutions.

With strategic investments, technological advancements, and adopting sustainable practices, India can position itself as a global shipbuilding powerhouse in the coming decades.

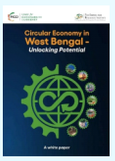
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Union Budget 2025-26: Analysis Report

The Union Budget 2025-26 carries forward the balanced and pragmatic approach of the government. The announcements continue to build on the path laid out over the past few years towards realising the vision of Viksit Bharat. This budget has been announced amidst a complex global economic environment and stands as a testament to the government's resolve to drive an inclusive and sustainable growth. The moderation in latest GDP growth numbers had flagged discernible signs of unease. The Budget makes a genuine effort towards stimulating near-term growth while maintaining fiscal prudence and advancing structural reforms.

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Circular Economy in West Bengal- Unlocking Potential

The white paper on "Circular Economy in West Bengal- Unlocking Potential", developed jointly by the FICCI, Centre for Sustainability and The Energy and Resources Institute (TERI) serves as a vital reference document to highlight the West Bengal's immense potential in adopting circular economy principles and to align its growth strategy with national and international sustainability targets. The paper identifies the sectoral challenges and also presents innovative circular business models, policy recommendations, and strategies for skill development to support & accelerate this transition within the state.

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Advanced Manufacturing : Future Ready West Bengal

A concept paper on Advanced Manufacturing - "Future Ready West Bengal: Paving the way for industries of the future through Advanced Manufacturing and Industry 4.0", was brought out by Department of Industry, Commerce & Enterprises, Government of West Bengal, FICCI and PwC.

This paper explores how West Bengal can leverage Artificial Intelligence and automation, to drive industrial transformation, enhance competitiveness, smart governance and technology-driven industries. The paper highlights the Global and National trends in Advanced Manufacturing and provides suggestions and action points for West Bengal to create an enabling environment such as development of Smart Industrial Park and developing a finance mechanism which suits the goals of integration.

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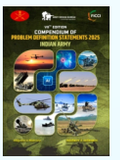


FICCI-Colliers report on India Offices Setting New Standards for 2025

The office market outlook for India remains positive in 2025, with anticipated demand expansion from Global Capability Centers (GCCs) and domestic occupiers across key sectors such as Engineering & manufacturing, BFSI, and flex space operators as well. The dynamic office environment in India is set to further evolve, driven by continued innovation & sustainable product offerings.

Sustainability will become a "hygiene factor" in office real estate portfolio decision-making, with preference for green-certified buildings that align with corporate ESG goals set to grow further. Around 80-85% of office space demand is anticipated to emanate from green-certified developments and reflects the growing emphasis on energy efficiency and wellness-focused workplaces.

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7th Edition Compendium of Problem Definition Statements 2025-Indian Army

The compilation of the 'Problem Definition Statements 2025' is a result of the collective efforts taken by Indian Army, Army Design Bureau and FICCI to share requirements of the Indian Army with the Start-ups, Incubators, R&D Organisations, Academia and Industry for creating indigenous solutions.

This booklet would help the Indian industry to understand the future challenges that the Indian Army could face and also throw light on the requirements of technology in the near future. This would also guide the Indian defence industry in forecasting their R&D initiatives and production plans to achieve national vision of Atmanirbharta in Raksha Utpadan.

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Biomining & Bioremediation of Legacy Waste Dumpsites

The report highlights the urgency of addressing India's 2,429 legacy dumpsites, which span over 14,000 acres and hold 235 million metric tonnes of waste. These sites impact nearly 5% of the country's land area, posing serious environmental and health risks. Despite efforts under Swachh Bharat Mission 2.0, only 25% of the sites have been remediated.

Biomining and bioremediation are presented as key enablers for sustainable waste management, offering solutions for land reclamation, pollution control, and resource recovery. However, the sector faces challenges such as high costs, limited infrastructure, poor market linkages for Refuse-Derived Fuel (RDF) and biosoil, and a lack of technical expertise.

The report recommends accelerating biomining through stricter regulations, advanced technologies like AI and biotechnology, and strengthened policy frameworks. It emphasizes the importance of public-private partnerships, financial incentives, workforce development, and community engagement. Robust monitoring systems, including ERP and GPS tracking, are also advised. The report envisions sustainable closure and redevelopment of dumpsites, positioning biomining as a transformative solution for environmental restoration and circular economy integration in India.

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Shape the Future - India Media and Entertainment is Scripting a New Story

The Indian media and entertainment (M&E) sector is undergoing a transformative shift, driven by digital adoption, evolving consumer preferences, and innovative business models. This report explores how India's M&E industry is scripting a new narrative, shaped by rapid technological advancements and a dynamic regulatory environment.

Key trends include the exponential growth of streaming platforms, increased monetization opportunities through subscription and ad-supported models, and the integration of artificial intelligence in content creation and distribution. The report also highlights the expanding role of regional content, immersive experiences, and global collaborations, positioning India as a powerhouse in content production.

Additionally, the rise of gaming, influencer-driven marketing, and digital news consumption is reshaping audience engagement. As the industry embraces sustainability and regulatory shifts, strategic investments in talent, infrastructure, and innovation will be critical to long-term growth. This report offers a forward-looking perspective on how businesses can capitalize on these shifts to remain competitive in a rapidly evolving landscape.

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Compendium for Best Practices- 12 Edition of FICCI Water Awards 2024

This Compendium of Best Practices is a collection of the award-winning case studies received as part of the 12th Edition of FICCI Water Awards which exemplify water use efficiency and sustainable water management. It also aims to raise awareness of the scale and urgency of the water challenges facing business and industry in India and enables the engagement of new players in the discourse on the future management of water. The case studies of the awardees are published in the report.

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Unlocking India's Space Economy

FICCI is working towards providing a comprehensive analysis of India's space economy, offering insights into its current landscape, key growth drivers, and emerging opportunities. By shedding light on investment trends, policy frameworks, and technological advancements, we seek to empower stakeholders, including industry leaders, startups, policymakers, and investors. This report is a step towards building a roadmap for Indian space & geospatial industry contributing to strengthen India's position in the global space economy, foster innovation, and unlock new frontiers for sustainable growth.

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Compendium of Best Practices in Smart Policing

In the recent past, police and other law enforcement agencies in India have made concrete efforts in eliminating the security challenges that we are confronted with. This achievement is evident in form of the confidence within state and city administrations in ensuring law & order situation during festivals, mega shows and global events. The words of Hon'ble Prime Minister of Bharat, Shri Narendra Modi, regarding SMART policing, points to the fact that the country is moving towards modern and innovative policing. The Indian police forces have introduced new innovations in policing to overcome challenges, and to fulfil the aspirations of the citizen for better security. Thus, the best practices adopted by the police forces need recognition, appreciation, dissemination and replication. FICCI instituted the first ever SMART Policing Awards in 2016, with the objective to help government machinery and police departments in learning from the experiences of other states and for possible adoption of the best practices to further enhance policing initiatives. These awards have created healthy competition among state police depts./CAPFs for enhancing capabilities and leveraging technology to the best extant for realising the Hon'ble Prime Minister's vision of SMART Policing. In its 8th edition, FICCI 'Compendium of Best Practices in SMART Policing' include 22 select initiatives to provide government, police departments, related institutions and think tanks a ready reference document on the success stories of SMART policing in India. The winning entries are documented in this compendium.

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Frames & Frameworks: Legal Primer on M&E Landscape

Valued at USD 26.2 billion, India's M&E industry is undergoing rapid digital transformation, shaped by evolving consumer behavior and an increasingly complex regulatory landscape. This collaborative report serves as a vital resource for stakeholders, offering insights into key policy changes, legal frameworks, and business dynamics—ranging from digital transformation to AI's impact on content creation and rights management.

The Indian Media & Entertainment sector has evolved significantly in the last few years, fueled by technological advancements, digital adoption, and government initiatives to enhance digital infrastructure. As the industry continues to transform, regulatory frameworks will also evolve to address emerging challenges while balancing growth and innovation. The collaboration between FICCI and Khaitan & Co on this legal primer aims to provide industry stakeholders with insights into prevailing legal and regulatory frameworks, assisting them in navigating the dynamic landscape.

Key industry trends covered in the report include the enforcement of strict compliance on data collection, consent, and retention in M&E under the DPDP Act 2023. The expansion of India's gaming sector is also highlighted, with regulations distinguishing skill-based gaming from games of chance. Additionally, the report emphasizes the strengthening of intellectual property frameworks to address AI-generated works, blockchain-based rights management, and performers' rights. Rising threats of content piracy are prompting advocacy for blockchain-based rights management and stricter enforcement mechanisms. Furthermore, legal concerns over AI-driven content, including copyright issues, deepfakes, and regulatory oversight in India, are examined. The report also highlights the dominance of South Indian cinema at the box office, driven by blockbuster hits like RRR and KGF Chapter 2.

This comprehensive legal primer provides a crucial reference for industry stakeholders, enabling them to stay informed about the regulatory landscape and leverage insights to foster sustainable growth in India's evolving media and entertainment ecosystem.

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INDUSTRY'S VOICE FOR POLICY CHANGE

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