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KNOWLEDGE PAPERS

Series 3/2023



Role of Natural Gas in India's Transition Journey to Clean Energy

In the midst of a global shift towards clean energy and India's commitment to achieve net-zero by 2070, the role of natural gas emerges as pivotal in this transition journey. India's diverse economy, including agriculture, construction, industry, telecommunications, transportation, power, and the oil & gas sector, is actively engaged in implementing COP26 targets. Natural gas stands out as a crucial transition fuel, offering price competitiveness, alignment with clean energy policies, and potential contributions to net-zero goals. The industry holds significant promise, but realizing this potential demands collaborative efforts and extensive support from all stakeholders. Through proactive government reforms and recognizing the importance of natural gas, India can effectively address challenges and harness opportunities in the evolving energy landscape.

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Winds of Shared Prosperity: Unlocking the next decade of Indo-Arab trade and partnership

The report explores the historic and cultural ties between India and the Arab countries, and the opportunities for enhancing trade, investment, and cooperation in various sectors. The report covers the following themes: Trade relations, Healthcare and pharmaceuticals, Agriculture and food processing, Travel and tourism, Education and skill development, Infrastructure and logistics, Sustainable energy, Digitalisation and technology, Manufacturing and retail, Start-up ecosystem.

The report concludes with a vision for a prosperous future for India-Arab relations based on mutual trust, respect, understanding, and partnership.

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Road Safety in India: Navigating through nuances

Road traffic injuries and fatalities have continued to grow in India at an alarming rate. In fact, it is the top cause of fatalities for the age group of 5-29 years in India. Converted to monetary terms, losses from road safety incidents are estimated to be around 3% of India's GDP. Although, it is a global concern, the quantum and complexity of the problem in India is higher compared to other countries. Collaboration of all stakeholders is the key to a fast-track implementation approach. This report attempts to bring out analytics of data available publicly, and global and Indian best practices, and picks a few cases of crashes to delve into the reasons for their occurrence so that various government bodies and private organizations can benefit from them and incorporate these into their policies, guidelines, or practices. This report will help corporates in learning from the experiences of other companies in mitigating occupational road risks and in possible adoption of some of them to increase efficiency of businesses.

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Biofortification: A pathway to strengthen food systems through nutrient-rich crops

India is going through a major shift in its nutrition status with an increasing population facing micronutrient malnutrition irrespective of geography or socio-economic strata. As discussed in this report, biofortification is an evidence-based, cost-effective, and sustainable strategy for fighting micronutrient malnutrition. However, the existing agricultural policies in their current state are insufficient to address both conditions as policy orientation is still majorly skewed towards maximising macronutrients through production and consumption of staple crops. With adequate reserves of rice and wheat and focus shifting from food security to income security, a designed diversification from crop-centric farming to nutrient-enriched crops is the appropriate way to tackle micronutrient gaps in consumption and to reach the optimum potential of biofortification in tackling micronutrient malnutrition, there is need for collaborative efforts amongst the agri-value chain actors.

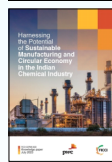
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Unlock and potential: A look into Outbound Tourism

This report provides valuable insights into the current state and potential of India's outbound tourism industry. It also highlights the significant economic impact, key challenges, and opportunities for growth. Further the report provides few recommendations for the Indian Government to foster the growth of outbound tourism, capitalize on its potential, and position India as a key player in the global travel market. The recommendations include permanent rolling back of TCS (Tax collected at source), enhancing opportunities of partnership with foreign countries, collaboration with airlines, experiential promotions, joint marketing campaigns, allowing foreign cruise vessels to operate on Indian waters, strengthening Indian passport, streamlining visa processes, and strengthening bilateral relations with tourist-friendly countries.

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Harnessing the Potential of Sustainable Manufacturing and Circular Economy in the Indian Chemical Industry

The Knowledge Paper elucidates the work the industry has put in to deal with environmental sustainability requirements and adopt circular economy. The paper covers the details of the aspects of current industry size & growth drivers, policies and government initiatives for sustainability and circular economy, and the business models that can be adopted by the industry stakeholders to build the businesses resilient and circular. This paper provides background to the GCPMH 2023 to discuss the role of India's Chemicals and Petrochemicals industry in emerging as the global manufacturing hub.

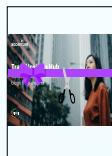
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Evolving landscape of warehousing and logistics in India: A road to becoming third-largest economy by 2027

The Knowledge Report on Evolving Landscape of warehousing and logistics in India: A road to becoming third-largest economy by 2027 is a comprehensive overview of the warehousing and logistics industry in India. The report discusses the key drivers of growth in the sector, the challenges that lie ahead, and the emerging opportunities.

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Travel Insights Hub Collection of Cross-Industry Blogs from Experts

In order to highlight the strengths and synergies with other industries, Accenture and FICCI had embarked upon a unique cross-industry thought leadership series. The set of blogs written over time as part of this series are dedicated to sharing insights from diverse industries and functions, offering valuable lessons that resonate within the broader realm of travel. This initiative stands as a testament of not just looking inside but also around to draw inspirations for the growth of travel & tourism.

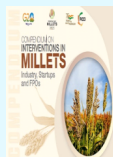
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FICCI PwC Knowledge Report: Propelling India's millet sector towards a sustainable future

As part of the International Year of Millets (IYoM) 2023 celebrating these environment-friendly and highly nutritious crops, this knowledge paper also highlights the role of millets in ushering in economic prosperity along with proposed ways to achieve these goals. The report comprises three sections: knowing our nutri cereals, current perceptions about millets and mainstreaming millets. To mainstream millets and bringing the "Shree Anna" to every plate, the report proposes a four-pronged strategy, in addition to celebrating a 'Decade of Millets'.

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Compendium on Interventions in Millets - Industry, Startups & FPO's

Under the aegis of the FICCI Task Force on Millets, FICCI has developed the compendium on Interventions in Millets - Industry, Startups & FPOs. The compilation showcases the best practices collected from Millet Startups featured in the FICCI Awards, FPOs, and industry stakeholders. The compendium also includes case studies of a few awardees and nominations of Startup Awards. It stands as a testament to the innovation, collaboration, and dedication that characterize the efforts within the millet sector.

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India's cloud and data revolution

The report talks about India's cloud computing landscape and its pivotal in driving economic growth and technological advancement. Indian enterprises are at the forefront of innovation, leveraging cloud services to gain a competitive edge. As India continues its journey towards digitization, cloud computing will remain a cornerstone of its success.

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FICCI Compendium of Best Practices in Smart Policing 2022

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. The seventh edition of the 'Compendium of Best Practices in SMART Policing' documents 25 best practices out of the entries which were submitted by LEAs for 'FICCI SMART Policing Awards 2022'. The best practices could be referred by the institutions and replicated by other LEAs across the country. This can change public perception and build positive and progressive image of the Internal Security Forces.

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Skill Financing In India

India's dynamic skilling ecosystem has evolved significantly in recent years, driven by the recognition of Technical and Vocational Education and Training (TVET) as a crucial factor for economic development and workforce integration. This evolution has been catalysed by the establishment of the National Skill Development Corporation (NSDC) in 2008, followed by the creation of the Ministry of Skill Development and Entrepreneurship (MSDE) and the launch of flagship schemes like Pradhan Mantri Kaushal Vikas Yojana (PMKVY) and Skill India Mission in 2015.

India has set ambitious goals, aiming to become a USD 5 trillion economy by 2024. To support this vision, there is a growing need for a skilled workforce across key sectors, including agriculture, construction, trade, hotels, manufacturing, and emerging industries.

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High Quality Demand Driven Skilling: Focus - Electronics Manufacturing

The electronic sector in India has experienced significant growth and momentum in recent years, positioning itself as a key contributor to country's economy. At present India holds 2% of the global market share and its ESDM market is expected to increase at a CAGR of 17.10% by 2028, owing to strong demand, increased digitalization, and supportive government policies.

To fuel the growth trajectory of the sector in a sustained manner, the Government of India had initiated the National Policy on Electronics (NPE 2019) to position itself as a global ESDM hub. Schemes like Make in India initiative, Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPEC), Modified Electronics Manufacturing Cluster 2.0 (EMC 2.0) have strengthened the sector expansion.

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