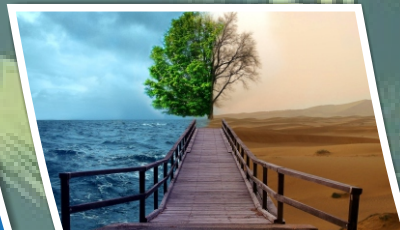


AG HORIZON



Editions

Government Policies,
Sector Reports and
Analysis Reports

Newsletters

Blogs

Business and New Horizon

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ABOUT US

AG Horizon Pvt. Ltd., established in the year 1998, is a multi-functional, multi-disciplinary organization offering a wide range of consultancy services to multiple sectors for the implementation of projects under one roof from “Concept to Commissioning”. We have the privilege of working with Central & State govt. and with Multi-lateral funding agencies viz. World Bank, JICA, New Development Bank, Asian Development Bank etc.

With the vision of sustainable future, we have partnered with Moody's Analytics, a global integrated risk management firm established in 1909. Moody's Analytics provides financial intelligence and analytical tools to help central & state governments worldwide and business leaders to make better and faster decisions.

AG was established in 1998 as a solution provider company for golf and tourism industry. In 2017, we transformed ourselves into “AG Horizon Pvt Ltd”.

INCEPTION

Our Head Office is located in Gurugram. Branch offices are in New Delhi, Imphal, Hyderabad, Guwahati and Chennai.

OFFICE LOCATION

We recognize that each client is unique, thus we provide customized solutions and prioritize client relationships.

CLIENT RELATIONSHIP

Team comprises of 50+ members who are quite diverse with a wide range of expertise in various fields.

OUR TEAM

AG Horizon develops partnerships with leading organizations from across the globe to deliver breakthrough results.

CORPORATE ALLIANCES

We feel proud to claim that we are swiftly moving towards our goal of completing projects amount to a valuation of USD one billion.

ACHIEVING PINNACLES

We as a team of experts are well-versed with the workings of government offices, bureaucrats and corporate world.

STRATEGY

We often apply continuous improvement methodologies, technology integration, and performance metrics to enhance operational efficiency.

OPERATIONAL APPROACH

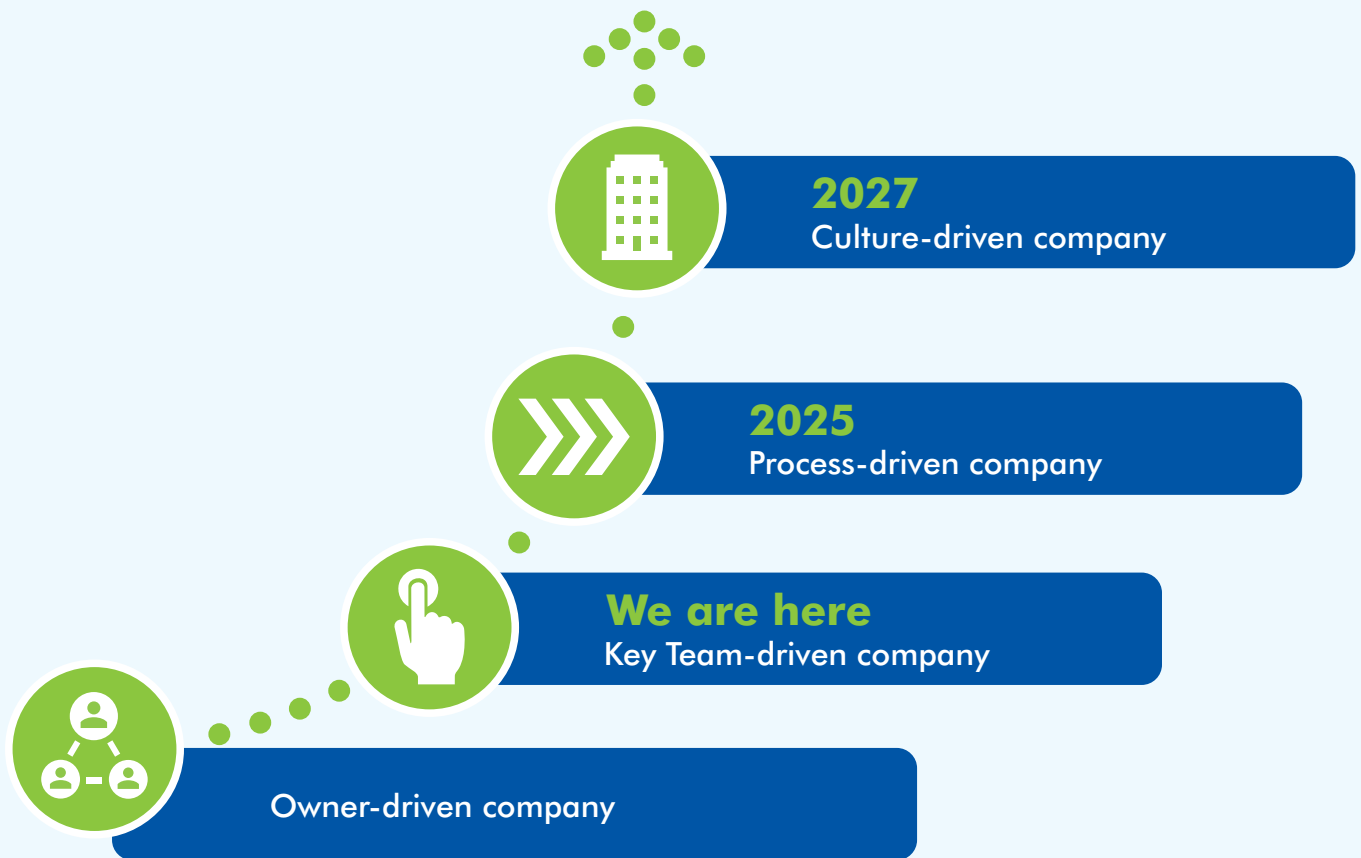
We are one of the selected few consultancies that offer services right from the conceptualization of a project to its commissioning.

BUSINESS SOLUTIONS

ORGANIZATION DETAILS

1.	Commencement of Services & Date of Incorporation	Since 1998, Pvt Ltd on 05 April 2017
2.	Employees	50+
3.	Legal Entity	Private Limited
4.	Industries	Environment, Transport, Social & Public, Engineering, Sustainability, Data Analytics
5.	Office Location	New Delhi, Gurugram, Imphal, Guwahati, Hyderabad, Chennai
6.	Listed By	Business Owner/ Director
7.	Status	Active
8.	Permanent Account Number	AAPCA4133Q
9.	GST Registration Certificate	Delhi- 07AAPCA4133Q2Z5
		Haryana- 06AAPCA4133Q1Z8
		Assam - 18AAPCA4133Q1Z3
10.	MSME Registration Number	DL06D0005748
11.	DPIIT No.	DIPP147056
12.	TAN No.	DELA43652A
13.	Trade License	GMC/CZ/18/GTL/202324/12258767
14.	Domain of Operations	Global

AG's EVOLUTION PLAN



- AG was established in 1998 as a solution provider company for Golf & Tourism Industry. In 2017, we transformed ourselves into "AG Horizon Pvt. Ltd."
- AG offers a wide range of consultancy services to multiple sectors for the implementation of projects under one roof from "Concept to Commissioning".
- Company has a Managing Director and 2 Directors. We have a team of professionals & experts having worked across public and private sectors.
- Business has no liability.
- Sales have grown in recent time as we have been working on many new bigger projects.
- Currently, carrying out projects worth Rs. 5000 + crores.

SECTORS

We collaborate across industries to bring the greatest projects, with each sector functioning as its own independent entity. Each vertical has a wide range of qualities, and we have established successes from concept till commissioning of the projects we have done.

SUSTAINABILITY



ESG



SDG



Carbon Credit



Climate Change

SOCIAL & PUBLIC



Sports



Tourism



Education



Healthcare

ENVIRONMENT



Water



Irrigation



Agriculture



Animal Husbandry



Horticulture & Forestry

TRANSPORT



Railway



Aviation



Ropeway



Electric Vehicle



Traffic Management

ENGINEERING



Textile



IT & Telecom



Power & Renewable Energy



Infrastructure: Highway/Tunnels

SERVICES

We provide a wide range of services, delivering best-in-class solutions, with each service division acting as a strategic business unit. With our strong experience of working with Central and State government, we provide support across key stages.

TRANSACTION ADVISORY



POLICY SUPPORT








BUSINESS ACCELERATION & GROWTH

PROGRAMME MANAGEMENT UNIT

ACHIEVEMENTS

We are currently working on a number of Externally Aided projects, including the following:

<p>Development of Waterbody, Dredging and Re-Sectioning of Rivers</p>  <p>Government of India</p>  <p>New Development Bank</p>	<p>IT- SEZ</p>  <p>World Bank & PPP</p>
<p>Community Based Watershed Development</p>  <p>Japan International Cooperation Agency</p> <p>JICA</p>	<p>Mega- Eco Tourism</p>  <p>Asian Development Bank & PPP</p>

CLIENTS

AG has served several clients in various sectors over the past 25 years, a few are listed below:

<p>Govt. of India</p>  <p>President's Estate, Rashtrapati Bhavan</p>	<p>Corporate Houses</p>  <p>Adani Township & Real Estate Company</p> <hr/>  <p>Aamby Valley City, Sahara</p>	<p>Industrial Sector</p>  <p>HSI IDC</p> <hr/>  <p>Numaligarh Refinery Limited, Assam</p>
<p>Urban Development</p>  <p>Delhi Development Authority</p> <hr/>  <p>Ghaziabad Development Authority</p>	<p>Defence Sector</p>  <p>National Defence Academy, Pune</p> <hr/>  <p>Indian Military Academy, Dehradun</p>	<p>State Tourism</p>  <p>J&K Tourism</p> <hr/>  <p>Manipur Tourism</p>
<p>Overseas</p>  <p>Indian House, Thimphu, Bhutan</p> <hr/>  <p>Ghala Wentworth, Muscat, Oman</p>	<p>Railways</p>  <p>North East Frontier Railways</p> <hr/>  <p>Diesel Locomotive Works, Varanasi</p>	<p>State Government</p> <ul style="list-style-type: none"> ★ Assam ★ Delhi ★ Haryana ★ Himachal ★ Maharashtra ★ Manipur ★ Meghalaya ★ Uttar Pradesh ★ Jammu & Kashmir

CERTIFICATIONS



Quality Management System
ISO 9001:2015

Environmental Management System
ISO 14001:2015



IAS ACCREDITED
Management Systems
Certification Body
MSCB132

IT Service Management System
ISO/IEC 20000-1:2018

Risk Management System
ISO 31000:2018



Social Responsibility
ISO 26000: 2010

Our company's certifications and a third-party validation that AG runs to one of the international standards developed and published by the International Organization for Standardization (ISO).

- 1. Quality Management:** The ISO 9001:2015 ensures that the projects maintain a high standard of service delivery.
- 2. IT Services:** The ISO/IES 20000-1:2018 ensures that the projects' quality of IT services is maintained through effective and robust services.
- 3. Environment Management:** The ISO 14001:2015 ensures that the best practises are implemented to increase environmental performance by employing efficient resources and reduction of waste.
- 4. Risk Management:** The ISO 31000:2018 ensures to improve the identification of opportunities and threats and effectively allocate and use resources for risk treatment.
- 5. Social Responsibility:** The ISO 26000:2010 ensures that AG is contributing to sustainable development and address social responsibilities.

RESEARCH & PUBLICATIONS

AG offers tailored and professional end-to-end solutions to all of our clients. Our team of experts do study and identify relevant policy options. We analyse government policies on a regular basis. Our experts conduct thorough background study on certain industries and examine all accessible reports.

This value addition contains the following sections



SECTOR REPORT

We publish sector report per month that covers three to five topics.



BLOGS

We cover two topics per month in New Horizon and Business blogs section.



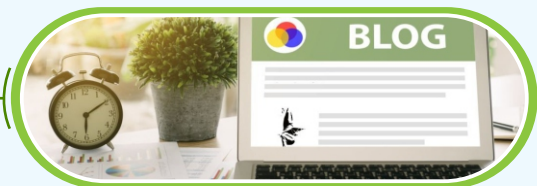
GOVT. POLICY REPORT

We publish policy report per month that covers three to five topics.



ANALYSIS REPORT

The reports are sector specific and covers one policy per month.



NEWSLETTER

The AG Communiqué is published every quarter.

“ These reports highlights our research and in-depth workings of our organisation. For more information, please visit our website at www.aggrp.in ”



GOVERNMENT POLICY REPORTS

These reports play a crucial role in informing the public, policymakers and other stakeholders about the government's stance on various issues.

AG experts do research on all policies and review few selective for deep study and developing a summary to provide comprehensive information to everyone through publication.

January 2023 Edition



Gati Shakti Cargo Terminal Policy to Increase Modal Freight Transportation Share of Indian Railways



India Energy Week 2023: A Global Energy Community Platform under India's G20 Presidency



Battery Swapping Policy to Accelerate Growth of Electric Vehicles in India

February 2023 Edition

India Moving Towards Climate Justice With Updated Nationally Determined Contribution



Aim for Enhancement of Biodiversity and Strengthening of Circular Economy Under India's G20 Presidency

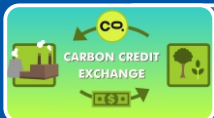


Energy Conservation (Amendment) Bill, 2022 Making Way for Carbon Crediting in India





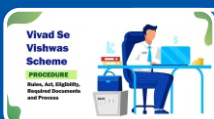
Meeting "Common but Differentiated Responsibilities" are Key for Sustainable Development



Need to Address Technology Gap in 'Carbon Capture, Utilization, and Storage' for Clean Energy Transition



Acceleration to Green Growth Paramount in India's Amrit Kaal



Scheme for 'Quick Settlement of Contractual Disputes' to Promote Ease of Doing Business in India



Budget Allocation to Ministry of Development of North East Region (MDoNER) for 2023-24

"National Policy on Marine Fisheries" Ensuring Sustainability of the Resources at the Core



India's Carbon Stock Increased by 79.4 million Tonnes to Give Boost to Indian Carbon Market



National Mission for Sustainable Agriculture Promoting Green Agriculture in India to Answer Environment Concerns



Indian Railways Set the Target to Become Net Zero by 2030



India is Achieving Self Reliance on Energy Security to Ensure Sustainable Development





Extended Producer Responsibility Guidelines to Reduce Plastic Footprints through Sustainable Packaging Practices



India Set to Achieve US\$ 250 Billion Target for Textile Sector by 2030 through Creation of ESG Task Force



Green Tourism as a Vehicle for Achieving SDG has been Prioritized Under India's G20 Presidency



India aims to achieve 50% of Total Installed Electric Power Capacity from Non-fossil Fuel Sources by 2030



India's National Quantum Mission to Scale-up Scientific Research Towards Next Quantum Revolution

India's Navigation Plan to Resolve Energy Trilemma among Availability, Affordability, and Sustainability



Carbon Credit Trading Scheme for Decarbonisation of the Indian Economy



First Urban Climate Film Festival to Raise Awareness about Environmental, Social and Economic Impacts of Climate Change on Urban Settlements



G20 Research and Innovation Initiative Gathering (RIIG) Conference to Develop Equitable Society under India's G20 Presidency



'SAMARTH' Campaign to Promote Digital Transactions in Rural India





NHAI launched its first 'Sustainability Report' to Showcase its Environment and Energy Conservation Efforts



'National Working Plan Code2023' by MOEFCC for Scientific Management of Indian Forests



UTPRERAK: Establishment of Centre of Excellence by Ministry of Power to Boost Adoption of Energy-efficient Technologies



'Guidelines on Information Security Practices' by CERT-In to Ensure Safe and Trusted Internet for Government Entities



National Research Foundation Bill, 2023 to Foster Culture of Research and Innovation in India

IFSCA and Climate Policy Initiative -India Signed MoU to Strengthen Cooperation on Sustainable Finance



To Facilitate Adaption of Indian Agriculture to Climate Change, MoES Launched WINDS Portal



NITI Aayog Released TCRM Matrix Framework to Transform Technology Evaluation in India



India at the Forefront of Digital and Sustainable Trade Facilitation as Per UN Global Survey, 2023



India Notified Environment Compensation Fund Under Battery Waste Management Rules, 2022





Sustainability Perception Index by SIDBI to Promote Sustainability among MSMEs



KAVACH Hackathon to Foster Innovation in Indian Cyber Security Space



Bharat Campaign under Agriculture Infrastructure Fund to Address Infrastructure Gaps and Credit Linking



GOI Launched Special Skill Initiative for Northeast Region to Make India World's Skill Capital



India Launched World's First BS6 (Stage II) Prototype of 'Electrified Flex Fuel Vehicle'

Global Biofuel Alliance, a Realization to the Quest of Sustainability and Clean Energy



India with UNWTO Launched an Online Public Platform 'G20 Tourism and SDG Dashboard'



IICA in Association with UNICEF Conducted a Workshop on Business Responsibility and Sustainability Reporting (BRSR) Related to ESG Issues



GOI Conducted a Workshop on Lessons Learnt from the 'Infrastructure for Climate Resilient Growth' Programme Supporting Climate-smart Livelihoods



Launch of 'Energy Transition Investment Monitor' to Track Progress of Renewable Energy Investment Landscape





Sagar Parikrama Phase- IX to Encourage Sustainable Fishing in India



Green Credit Program and Ecomark Scheme under LiFE Initiative



Ministry Notified Changes in Production Linked Incentive Scheme for White Goods



India Welcoming Second Largest Urban Metro System in the World



India Skills 2023-24 Launched to Make Skill Development a People Movement in India

NITI Aayog Organizes Workshop on 'Green Development Pact for Sustainable Future' Around G20 New Delhi Leaders' Declaration



AIM and NITI Aayog in Association with Australia Launched 'RISE Accelerator' to support Circular Economy Startups



India Hosting 'World Food India 2023' to Showcase India as ' Food Basket of the World'



Basic Animal Husbandry Statistics Report 2023, Highlights Rise in Production of Milk, Egg, and Meat in India



Kozhikode and Gwalior are Included in UNESCO's Creative Cities Network



For details: Login to our website www.aggrp.in



Group

GOVERNMENT POLICY REPORT

December 2023 Edition



NITI Aayog Organizes Workshop on 'Green Development Pact for Sustainable Future' Around G20 New Delhi Leaders' Declaration

The 'Green Development Pact (GDP) for a Sustainable Future' workshop was conducted on 09 November 2023 in New Delhi and **was organized by the NITI Aayog with the Council on Energy, Environment, and Water (CEEW)**. The objective of the workshop was to collect a deep understanding of GDP on practical grounds, to be implemented successfully as mentioned in the G20 New Delhi Leaders' Declaration (NDLD). **The GDP is a pathway for gaining climate, disaster, environmental conservation, and energy bounce back ability for the nation to achieve a sustainable future globally.**

Insights from Workshop

The workshop discussed actionable strategies for GDP along with G20 NDLD

The workshop was witnessed by 4600 members online including central and state government, education institutions, think tanks and industries.

The Ministry of Power announced policies for boosting green development.

Scheme launched under policy initiatives are PLI scheme, CCTS (Carbon Credit Trading Scheme) scheme and Renewable Purchase Obligations scheme.

Measures for nourishing distribution sector like Revamped Distribution Sector Scheme were highlighted.

GDP aims to triple renewable energy by 2030 at global level.

GDP estimates to achieve trillion dollar market by boosting climate finance.

Green development not only focuses on green energy but also affordability and efficiency followed by lifestyle changes to achieve sustainability through viable methods. The workshop consisted of three sessions aiming to sync with NDLD guidelines to address diverse issues. **They highlighted the need for implementing viable, clean, just, and low-end full green energy transition shift, issues of having a seasoned ecosystem, energy security, boosting innovation, and promoting technology reach to overcome low-cost funding and inclusive supply chains.**

Knowledge Partner
CEEW
THE COUNCIL

NITI Aayog

G20

— G20 THINK TANK WORKSHOP SERIES —

WORKSHOP ON

**GREEN DEVELOPMENT
PACT FOR A SUSTAINABLE FUTURE**

**ADAPTATION AND DISASTER-
RESILIENT INFRASTRUCTURE**

MEET THE SPEAKERS

CHAIR

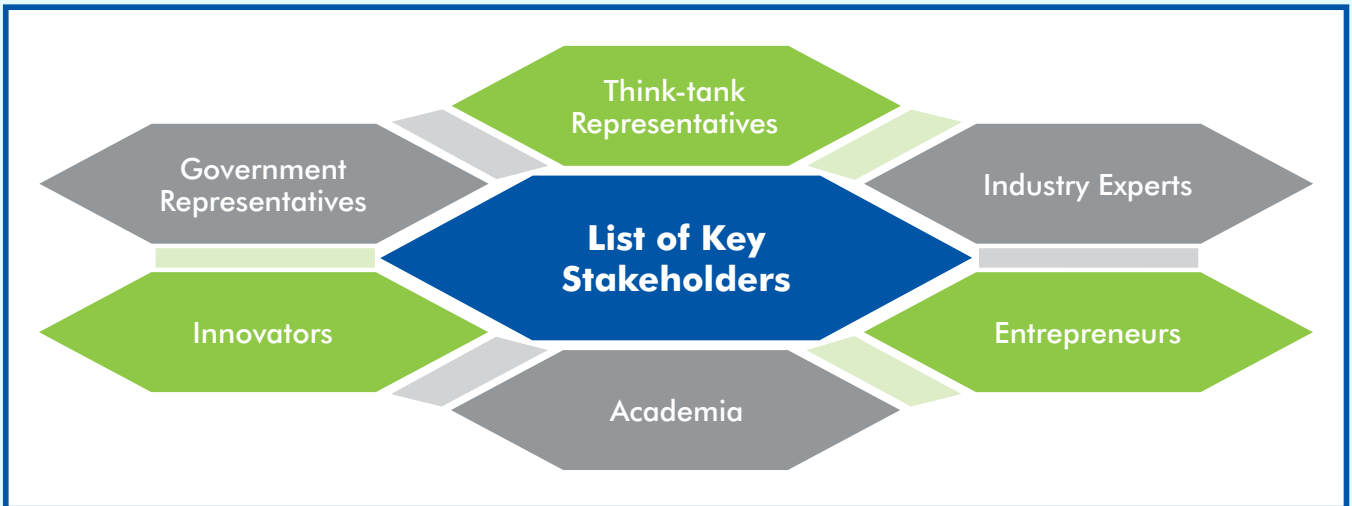
**SHRI KAMAL
KISHORE**
MEMBER SECRETARY, NATIONAL
DISASTER MANAGEMENT
AUTHORITY
MEMBER, NITI AAYOG

DR. UMAMAHESHWARAN RAJASEKAR
ADVISOR, URBAN RESILIENCE, CDRI

DR. VISHWAS CHITALE
SENIOR PROGRAMME LEAD—CLIMATE RESILIENCE, CEEW

MR. ARUN KRISHNAN
PROGRAM MANAGER – INDIA LAB, CLIMATE POLICY INITIATIVE (CPI)

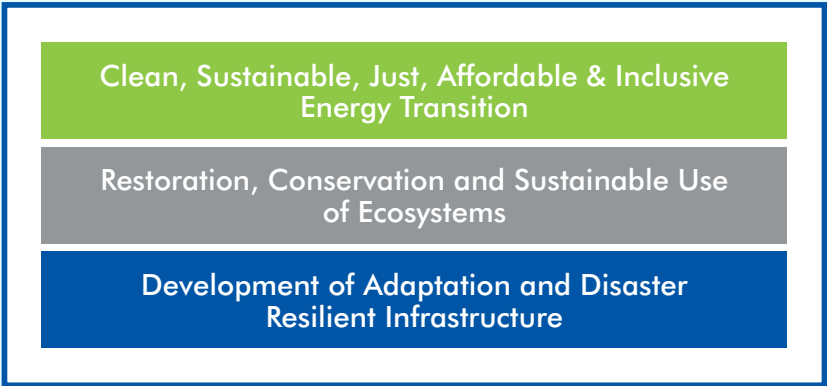
DR. ASHISH CHATURVEDI
HEAD OF ACTIONCLIMATE AND ENVIRONMENT, UNDP



Addressed ecosystem-driven restoration, conservation, and sustainability, and issues like LiFE-driven sustainable development, building a circular economy, and ceasing plastic pollution. Futuristic ideas were exercised encouraging self-initiatives, bio-based circular green economy, and eliminating misunderstanding and miscommunication between individuals/groups to unite them.

Challenges associated with Adaptation and Disaster Resilient Infrastructure were discussed suggesting the creation of viable infrastructure to handle the impact of climate change risk, pollution, and biosphere loss. The climate predictions, prevalent risk-reducing approaches, and resilience, through the support of funding climate approaches responsible for handling the impact of climate changes and boosting preparations to boost the development, growth, and prosperity of our country.

Key Focus Areas



Government policy report usually comprises of 13-15 pages
For details: Login to our website www.aggrp.in



SECTOR REPORTS

Sector-wise reports focus on specific industries, providing detailed insights, analysis, and information relevant to those particular areas.

AG's research team conducts a thorough narrative review ensuring the accuracy of the information. Use quantitative and qualitative data analysis methods to extract meaningful patterns, trends and insights.

Food & Agriculture, January 2023 Edition



- International Year of Millets: Way to Address Food Security for Rising Population
- Integrated Cold Chain & Value Addition Infrastructure Scheme to Facilitate the Food Processing Industry
- 'KRITAGYA' Hackathon to promote Speed Breeding for Crop Improvement

Technology & Science, February 2023 Edition

- Draft Rules for Online Gaming in India to Ensure a Safe and Fair Gaming Ecosystem
- India's First Green Hydrogen Blending Project by NTPC Set to Accelerate National Green Hydrogen Mission
- First National Repository for Life Science Data to Support Indigenous Research



Banking & Finance



- An Empowered and Inclusive Economy to work as Foundation of Transformative Opportunities in India
- Shaping Global Policy Consensus on Crypto Assets under India's G20 Presidency
- Multifaceted Achievements of India's Historic Demonetization
- Sovereign Green Bonds to Mobilise Fund for India's Green Infrastructure Projects
- India's External Sector Shows Resilience amid Global Economic Headwinds
- Expert Insight

- 'New India Literacy Programme' to Increase India's Literacy Rate
- 'Environment Protection and Nature Education' to Promote Sensitivity and Conservation Under NEP 2020
- 'Framework Mechanism for Mutual Recognition of Qualifications' between India and Australia to Facilitate Mobility
- 'REACHOUT' Scheme for Capacity Building and Promotion of R&D in Earth Sciences
- "NIPUN Bharat": Promoting Foundational Literacy and Numeracy for All
- Expert Insight





- International Big Cat Alliance for the Conservation of Big Cats Harbouring the Planet Earth
- Efforts by MOEFCC to Protect Eco-Sensitive Zones in India
- MISTHI Scheme to Promote Conservation of Mangroves to Address Climate Change
- Climate Sustainability Under India's G20 Presidency
- Parivesh Portal to Enhance Ease of Doing Business through Automatic Environmental Clearance Grant Process
- Eminent's Insight

- G20 to Promote Green Tourism as One of the Priority Areas under India's Presidency
- India's Increasing Foreign Tourist Arrivals during 2022, Boosting Tourism Industry under Comprehensive Policy Framework
- First Global Tourism Investors' Summit 2023 Opened up Massive Opportunities for Stakeholders
- National Strategy and Roadmap for Medical and Wellness Tourism to Boost Medical Tourism in India
- Coal India Turned Hostile Barren Lands into Beautiful Eco-tourism Destinations to Promote Sustainable Growth
- Expert's Insight





- Introduction of International Tracked Packet Service (ITPS) between India Post and Canada to Facilitate E-commerce Export
- 5G & Beyond Hackathon 2023' by DoT to Focus on Cutting-edge Ideas to Accelerate 5G technology Development
- TRAI Directives for Deployment of Artificial Intelligence-based Systems in Customer Interest
- 'Sanchar Sathi Portal' to Ensure Safety and Security of Telecom Users
- Indian Navy Signed MoU with DST Institute to Develop Secure Maritime Communication Based on Quantum Technology
- Eminent's Insight

- India reviewed Strategic Clean Energy Partnership (SCEP) with the USA
- IESS 2047 Tool Released by NITI Aayog to Facilitate Analytical Assessment of India's Green Energy Transition
- India Climate Energy Dashboard (ICED) 3.0 is Live to Track Climate Action Progress
- India Hosted Clean Energy Ministerial and Mission Innovation Meeting to Advance Global Energy Transition Efforts
- International Conference on Green Hydrogen (ICGH-2023) Giving Platform to Recent Advances and Technology Adaption in Green Hydrogen Value Chain
- Eminent's Insight





- India's Quantum Leap in Space Research through Chandrayaan Mission
- India Signed 'Artemis Accord' to Deep Dive in Civil Space Exploration
- Aditya L1 Mission: Launch of India's Space Laboratory to Study the Sun
- Indian Space Policy 2023 to Give Boost to the Space Economy of India
- First Test Vehicle Mission Planned for India's First Maiden Human Space Flight Mission Gaganyaan
- Expert's Insight

- Historical Performances of Indian Athletes in the Asian Games
- Launch of 'Youth as Changemakers', an active Citizenship Course by the Ministry of Youth Affairs and Sports
- 'Scheme of Human Resource Development in Sports' has been Revised for 2022-26
- Khelo India University Games Marked the New Era of Sports in India
- Target Olympic Podium Scheme to Add Premium Assistance to India's Top Athletes
- Eminent's Insight





- Ministry of Coal Collaborating with Ministry of New & Renewable Energy for Promotion of Green Energy
- The Bureau of Energy Efficiency Prepared Scheme for Star Labelling of Solar Panels
- India and Saudi Arabia Signed an MoU in Electrical Interconnection and Resilient Supply Chain in Renewable Energy
- Green Energy Corridor Phase II- Interstate Transmission System to Ensure Reliable Power Supply from National Grid
- The Renewable Energy Research and Technology Development Programme has been extended till 2025-26
- Eminent's Insight

- Launch of Foster Fuels by Indian Oil to Promote Spirit of Atmanirbhar Bharat
- India Addressed OPEC Crude Production Cuts Impacting Global Energy Landscape
- Introduction of Unified Registration Portal for GOBARdhan to Streamline Process of Compressed Bio-Gas and Gas Plants Across India
- Strategic Petroleum Reserve Programme' to Increase Storage Capacity of Crude Oil
- Ministry of Petroleum & Natural Gas Revolutionizing e-Mobility Paradigm with India's First Green Hydrogen Fuel Cell Bus
- Eminent's Insight



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SECTOR SPECIFIC REPORT

(Oil, Gas & Petroleum)



Launch of Foster Fuels by Indian Oil to Promote Spirit of Atmanirbhar Bharat

1

India Addressed OPEC Crude Production Cuts Impacting Global Energy Landscape

2

Introduction of Unified Registration Portal for GOBARdhan to Streamline Process of Compressed Bio-Gas and Gas Plants Across India

3

Strategic Petroleum Reserve Programme' to Increase Storage Capacity of Crude Oil

4

Ministry of Petroleum & Natural Gas Revolutionizing e-Mobility Paradigm with India's First Green Hydrogen Fuel Cell Bus

5

Eminent's Insight

6

Ministry of Petroleum & Natural Gas Revolutionizing e-Mobility Paradigm with India's First Green Hydrogen Fuel Cell Bus

The Union Minister of Petroleum & Natural Gas and Housing and Urban Affairs flagged the **first Green Hydrogen Fuel Cell Bus on 25 September 2023 at Kartavya Path in Delhi to promote e-mobility towards achieving a sustainable ecosystem with the help of green energy.**



Green hydrogen has the potential to play a significant role in having low-carbon and self-sufficient financial pathways. It can utilize the renewable energy resources available in the country in enormous amounts across diverse regions, sectors and seasons. It can be used directly as a fuel or raw material in the industries being used for different purposes. **It can replace fossil fuel-extracted raw material in sectors of steel manufacturing, petroleum refining, fertilizer production etc.**

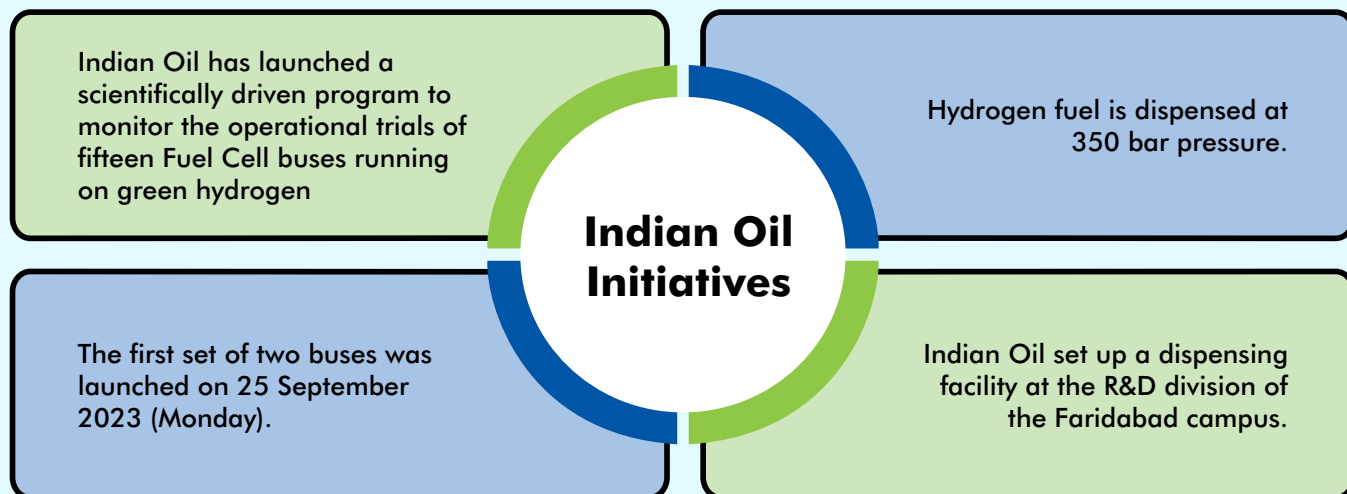
Hydrogen Fuel Cell Technology

The electricity is produced by routing electrons from an external circuit.

In the hydrogen fuel cell during the electrochemical reaction, hydrogen as a fuel is sent to the anode and air to the cathode, and then a catalyst separates hydrogen into electrons and protons present at the anode terminating at the cathode from different paths.

Hydrogen gas is compressed and stored in cylinders, at a pressure of 350 bar.

In the field of e-mobility, Fuel cell technology is witnessing a rising trend. The advanced research states that Hydrogen is a valuable element that can be used as Fuel Cells. Fuel cell technology is regarded as one of the most efficient choices available in the e-mobility sector. **Vehicles running on hydrogen fuel cells have the inbuilt advantages of higher running range and minimized refuelling time in comparison to battery-operated e-vehicles.**



The trial will study the collected data and aggregate mileage of more than three lakh km for the assessment of durability and performance in the long run to support the future of hydrogen-based zero-emission transportability in India. These cumulative data from the trials will boost India's commitment to net zero emission at the global platforms and showcase its unflinching commitment towards clean energy transition.



Sector report comprises usually comprises of 14-16 pages
For details: Login to our website www.aggrp.in



ANALYSIS REPORTS

Analysis report is to provide insights, draw conclusions, presents a detailed interpretation of data and information.

AG experts synthesize the research findings into a cohesive narrative that is precise and in understandable manner. We publish context to help readers understand the significance of the findings based on analysis.

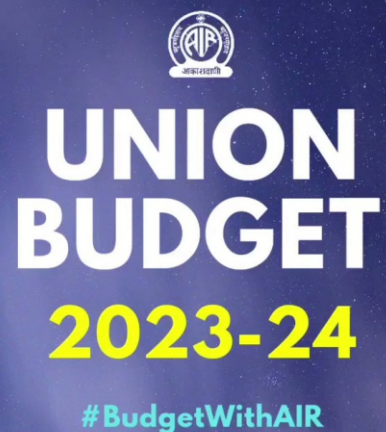
INDIA@2022, January 2023 Edition



- Overview
- Geopolitics: India is Playing the Lead
- Economy Growth: Trying to be resilient
- Infrastructure Upgrade: Accelerating India's Growth
- Healthcare Development: Holistic Vision for Healthy India
- Sports & Tourism: Re-energising the Future
- Climate Change and Energy Security: Preparing for a Sustainable Future
- Way Forward

Union Budget 2023-24, February 2023 Edition

- First Budget of Amrit Kaal: Eyes on 2047
- Expectations from the Budget
- Performance of Key Economic Indicators
- Spotting Highlights
- Sector-wise Allocation & Impact Analysis
- Changing Tax Provisions
- Steering Towards Green Economy
- Industry Expert's View on Budget 2023-24

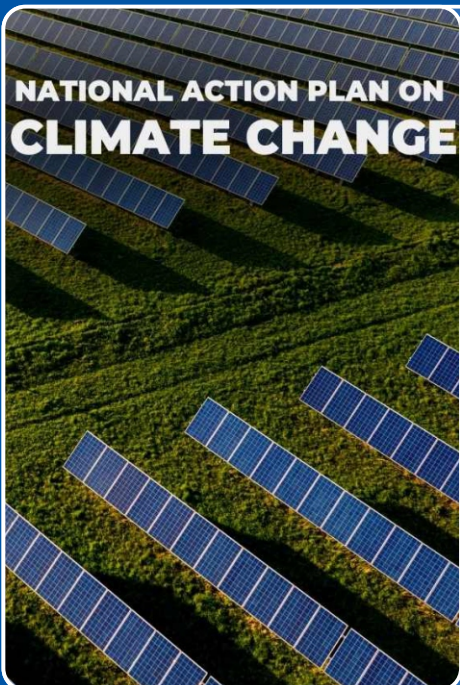




- Overview
- What is G20?
- G20 Mandate
- Key Takeaways from G20 Summit 2022
- Why G20 Presidency Matters for India?
- G20 Working Under India's Presidency
- India's G20 Priorities
- Opportunities and Challenges
- Way Forward
- Expert Insight

- Overview
- What are Sustainable Development Goals (SDGs)?
- SDG Standards and their Importance
- Global SDG Ranking and India's Preparedness
- Measures of India's SDG Performance
- Challenges Limiting India's Performance on SDG
- Impact of Covid-19 on India's SDG Performance
- Government Policy Landscape to Achieve SDG Targets
- Way Forward
- Expert Insight





- Introduction
- What is National Action Plan on Climate Change (NAPCC)?
- Details of Missions under NAPCC
- India's Climate Change Negotiations
- Possibilities and Challenges
- Government Policy Support to NAPCC
- Way Forward
- Expert Insight

- Overview
- Purpose of INDC
- Essential Elements of India's INDC
- Aggregate Impact of India's INDC
- Climate Justice and Updated NDC
- Financing Scenario
- Government Policy Landscape To Support NDC
- Way Forward
- Expert's Insight

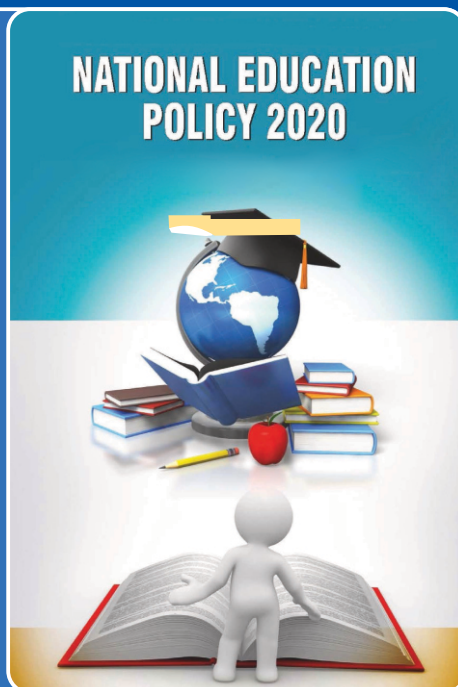


Analysis of Intended Nationally Determined Contributions (INDCs)



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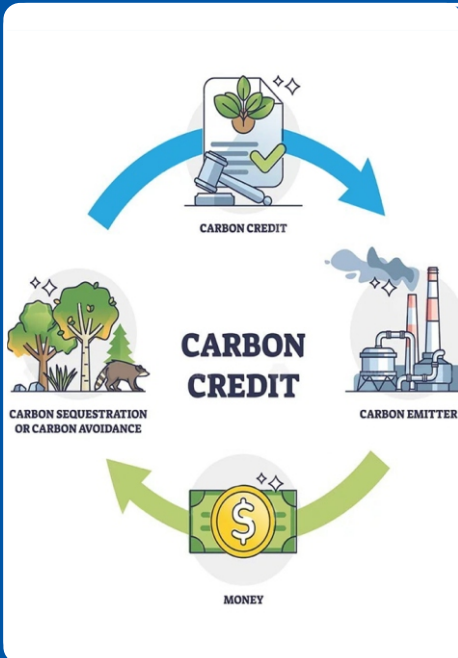




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World Economy Ranking 2023

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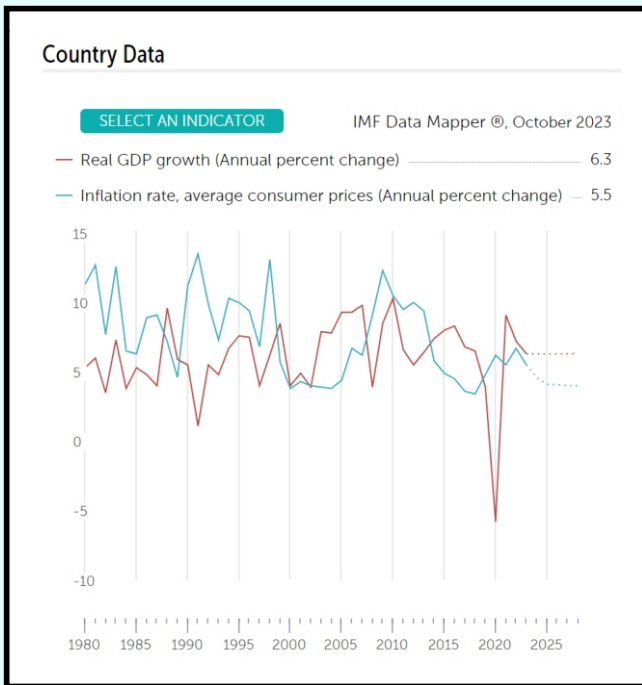
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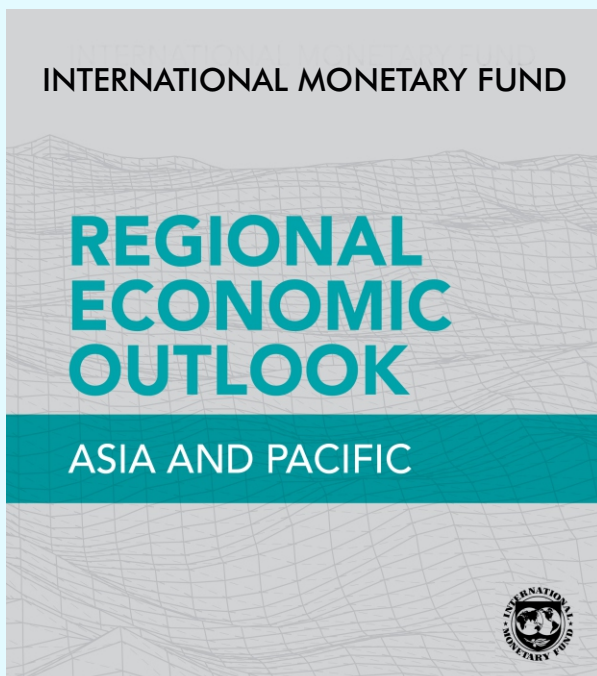


The IMF in its October 2023 edition report revealed that **India is one of the top-rated emerging economies performing better than expected, and regarded as one of the fastest developing economies in the world.** The report states the expectation that **the country can become 3rd biggest world economy with a GDP of around 5 trillion US dollars by 2027.**

According to the IMF, annual announcement through the WEO release forecasts India's raised GDP growth for the year 2023-24 to 6.3% cent. **The country is expected to retain its growth at 6.3% cent for 2023 and 2024 witnessing a rise of 0.2% cent for 2023 because of high consumption demand during April 2023 to June 2023 the first quarter of the FY 2023-24.** In the July 2023 forecast, the IMF estimated GDP forecasts for India at 6.1% cent but it was found to be lower

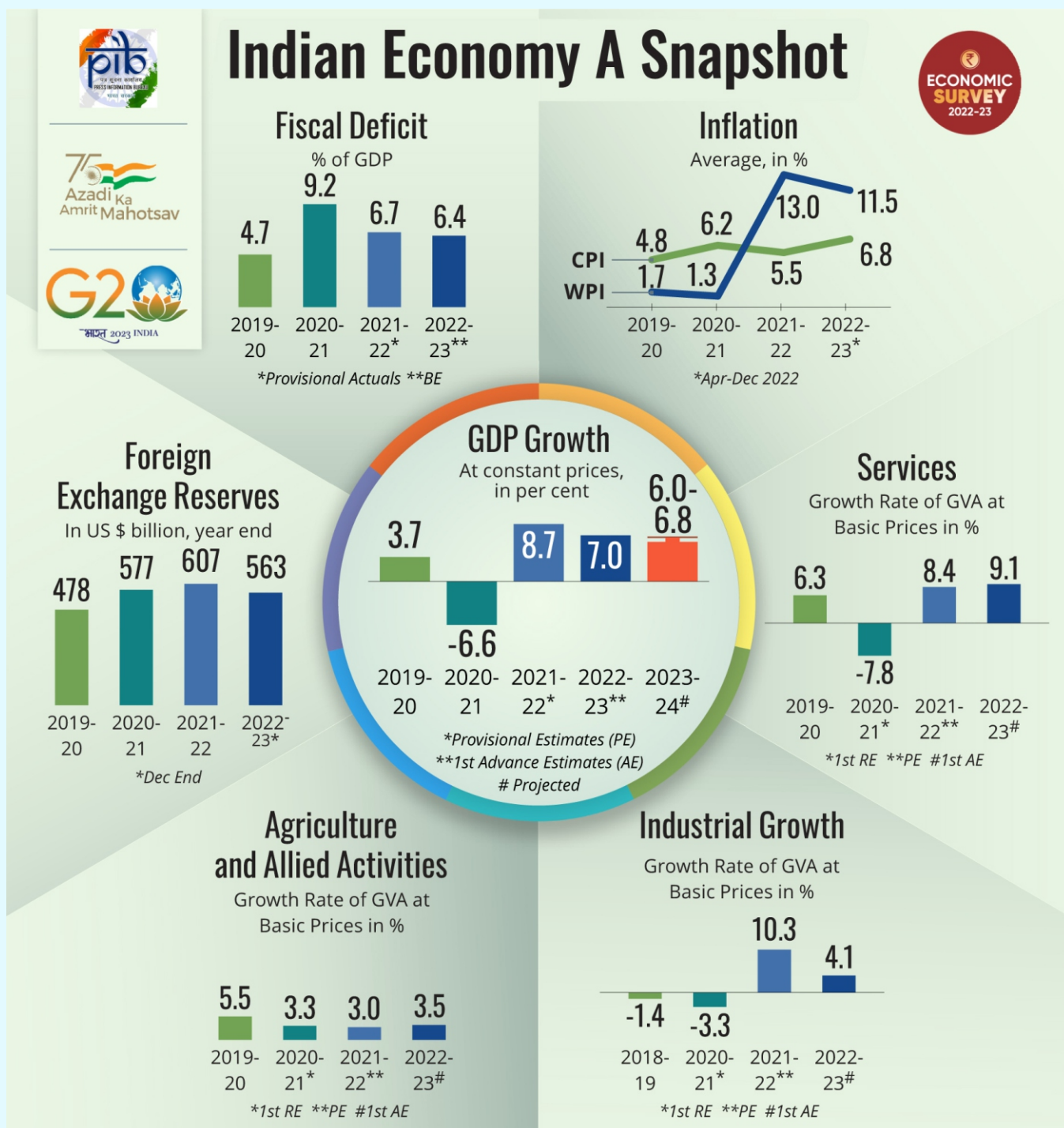
than the RBI estimate of 6.5% cent for FY 2023-24. Here India's growing economy and its prospects can be boosted through revised FDI norms, structural reforms, a seasoned workforce, and a strong financial system.

Regional Economic Outlook: Asia-Pacific Highlights



IMF forecasted a rise to 4.6% cent in 2023 from 3.9% cent in 2022 and Asia's growth will witness a slowdown to 4.2% cent in 2024.

The growth of the Indian economy is due to enhanced consumption, the PLI scheme to promote manufacturing across the sectors, the setup of new employment streams, and the upscaling of infrastructure sidelined by the warning of slowness caused by geopolitical pressure and rising inflation.



The IMF reports and findings assist the Indian government in introducing flexible policies and a robust framework to boost the GDP contribution against the odd conditions of the global market. It has helped the Indian economy to perform better at various global economic indicators and surpass world economies through its stable and long-term policy implementations over the last few years.

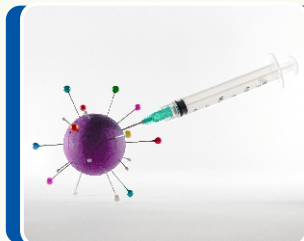
Analysis report usually comprises of 17-19 pages
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BLOGS (Few Selective)

Blogs are informal articles written for the purpose of showing thought leadership and expertise on a topic. Blogs provide more shareable content than just the service posts for consumers to share with others across social media. It's a great way to educate people, provide tips or how-tos and create more connections.

BUSINESS BLOGS



Bio-economy Promising a Bright Future in India.



India with Higher Capital Investment, Ready to Stimulate Infrastructure Development and Economic Growth.



'Minerals Security Partnership' to Support Sustainable Mineral Supply for Advance Technology Manufacturing Globally.



SEBI's Broadened Scope of ESG Category Encouraging Sustainability Efforts.



India Established Green Hydrogen Standard to Flag off Environment-friendly Hydrogen Production.



India's Digital Transformation Powered by 5G Ecosystem making Way for Sustainable Development.



India's Renewable Energy Sector is Becoming Leading Force in Global Renewable Energy Manufacturing.



BIS Approved EV Charging Connector Standard Are Ready to Revolutionize the Global EV Industry.



Indian Horticulture Sector Shows Record Efficiency and Enhanced Productivity with Steady Growth Pattern.

BUSINESS BLOG

World Class Infrastructure Development and Environment Sustainability are Going Hand in Hand in India



India is accelerating to achieve world-class infrastructure development to achieve its US\$ 5trillion economy target by 2025. Being the key driver of economic growth, constructing and upgrading physical infrastructure on the farthest corner of the country will bring multifacet benefits for the socioeconomic development of the country. But, during this accelerated infrastructure growth, India is also keeping a priority check on sustainability and environmental concerns so that today's development will not bring new concerns in the future.

India's sustainable and green infrastructure development focus through Green Highways Policy, 2015, PM Gati Shakti Plan, etc, are focusing on environmental concerns as well as efficiency and rapid economic development. This critical force is promising significant headway toward the environmental sustainability of India's current and future infrastructure plans.

The scenario also attracts major investments in green infrastructure projects and supports the government's plan to convert market borrowings on low-carbon intensity public infrastructure projects through Sovereign Green Bonds. This in turn will significantly reduce the carbon footprint of the economy and make a way for clean and green world-class infrastructure in India.

The Green Highways Policy of 2015 by the Ministry of Road Transport and Highways has introduced various sustainable practices regarding the construction of national highways. This includes roadside and median plantations, beautiful landscaping, and transplantation. Their close monitoring through the BHUVAN and GAGAN satellites has enhanced the effectiveness of the implementation of these green provisions.

Besides this, the use of alternate materials and plastic waste along with the reuse of waste material under infrastructure development projects such as highways has also been mandated for environmentally sustainable growth. The ministry has also issued guidelines regarding saving water bodies, wildlife habitats, and forest & tree cover during the rapid infrastructure upgrade with the implementation of an Environment Management Plan.

The provision of water conservation in all such projects has been made mandatory to bring impact. This comprehensive policy design is targeting to strike a fair balance among economic prosperity, environmental protection, and income opportunities for farmers and the rural workforce across India along with the rapid world-class infrastructure development to benefit its vast population and fastest-growing economy in the years to come.

NEW HORIZON BLOGS



Carbon Credit Trade is Empowering Energy Conservation in India.



India's Agriculture Sector Can Tap Unexplored Potential With Higher Rural Literacy Rate.



'Digital University': Plan to Make Higher Education Affordable in India.



Carbon Neutrality: A Roadmap to Sustainable Future for Mankind.



Cloud Seeding: India is Gearing Up to Improve Agriculture Production and Air Quality by Increasing Probability of Precipitation.



Rising Air Pollution and Antibiotic Resistance are Interlinked.



'India's Aging Trend Highlighting Potential Demographic Shift and Need of Socio-economic Policy Attention.



Work Productivity of Indian Youth Needs to Increase to Support India's Long-term Economic Growth Targets.



AI Surveillance System Enhancing India's Defence Operational Capabilities for Border Security.

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NEW HORIZON BLOG

Chandrayaan 3 and India's Quest to Search Life Beyond Planet Earth



India has finally taken its victory walk on the moon through Pragyan Rover under the ISRO's Chandrayaan-3 mission. **On 23 August 2023, the world witnessed India's glorious space power when Chandrayaan 3 Vikram lander safely landed on the unexplored south pole of the moon and changed the old saying 'Chanda Mama Door Ke'.**

This unmatched success has made **India the frontrunner in future space missions alongside Russia (then USSR), the USA, and China.** It will be going to bring a new change in identifying the possibilities of life on the moon and bring future successes for humanity at large.

Chandrayaan 3 has three broad objectives to find life on the southern pole of the moon to which the safe soft landing was the first phase and was achieved successfully with the rolling out of Rover on the moon surface. **The rover will now be conducting in-situ scientific experiments in 1 lunar day (14 days on Earth)** that include near-surface plasma density, associated changes, thermal properties in nearby regions, structure of lunar crust and mantle, seismicity measurement to understand the unknown dynamics of Moon System.

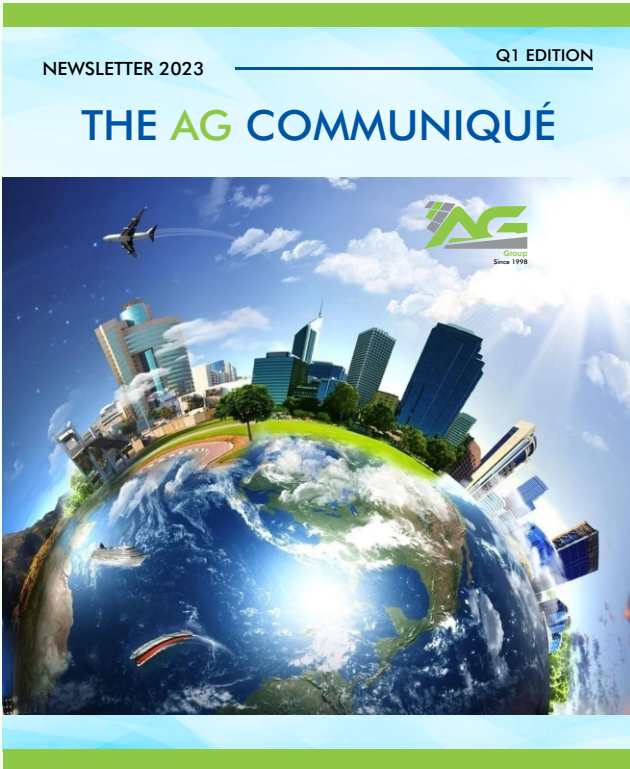
This will promise new qualitative as well as quantitative data analysis that can further help scientists investigate probable scenarios for the existence of life on the moon. India's discovery is big in terms of historical, scientific, and geological reasons as this will study in detail India's further discovery of Water at the southern pole. It will bring new power to future space missions as it may work as a source of fuel for rockets and spacecraft sent on space exploration for future missions.

The **Chandrayaan 3 with a cost of US\$ 75 million, is exploring the prerequisites of life (oxygen, fuel, water) on the unexplored southern pole of the moon** to find possibilities of space travel and a permanent habitat for mankind. The Chandrayaan 3 success will now give a major boost to the future missions of ISRO such as **Aditya L1 to study the Sun i.e. about 1.5 million km away from Earth and Chandrayaan 4 (jointly with Japan Aerospace Exploration Agency)** to fulfill India's continuously increasing space quest to find answers of unexplored facts.



NEWSLETTERS

Q1 EDITION



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 India-UAE Comprehensive Economic Partnership Agreement (CEPA), a Strategic Partnership Template with Ambitious Scope
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 Russia's New Foreign Policy to Bring Greater Stability and Cooperation in Eurasia
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 Markets in Crypto Assets (MiCA) Regulations to Safeguard Crypto Space in Europe
- 04 North & South America:**
 US, Brazil to Join Hands with India for International Biofuel Alliance
- 05 Africa:**
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 Australia's Gender Pay Gap Law Transforming Equal Opportunities at the Workplace a Reality

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 Middle East is one of the Fastest Growing Cryptocurrency Market in the World
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 The Year 2023 is Declared as 'the Year of Sustainability' in the UAE
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 UAE has Introduced Corporate Tax to Position it as a Leading Hub for Businesses and Investment across the Globe
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 Saudi Arabia being a US\$ 1 Trillion Economy has Expressed Willingness to develop Future Cooperation with BRICS



THE AG COMMUNIQUÉ



We expand your Horizons



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India-Middle East- Europe Economic Corridor To Stimulate Cross-border Growth and Development

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Saudi World Defence Show 2023 Expanding Investment Horizon in Strategic Areas to Play Instrumental in Global Supply Chain

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A Strategic Partnership Agreement on RuPay Domestic Card Scheme Signed Between India and UAE

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Saudi Arabia with its Largest Sustainable Farm Setting Out Hopes to Reduce Agricultural Imports

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SpaceX Launched the World's 1st Satellite Capable of Pointing Carbon Emissions from Space

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Europe Energy Crisis Fueled Up by Hiked Natural Gas Prices

05

Africa

South Africa Introducing Shared Parental Leave to Promote Gender Equality

06

Antarctica

Eastern Antarctica Experiencing Prolonged Heatwave and Unusual Air Circulation Patterns

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NEWSLETTER 2023

Q1 EDITION

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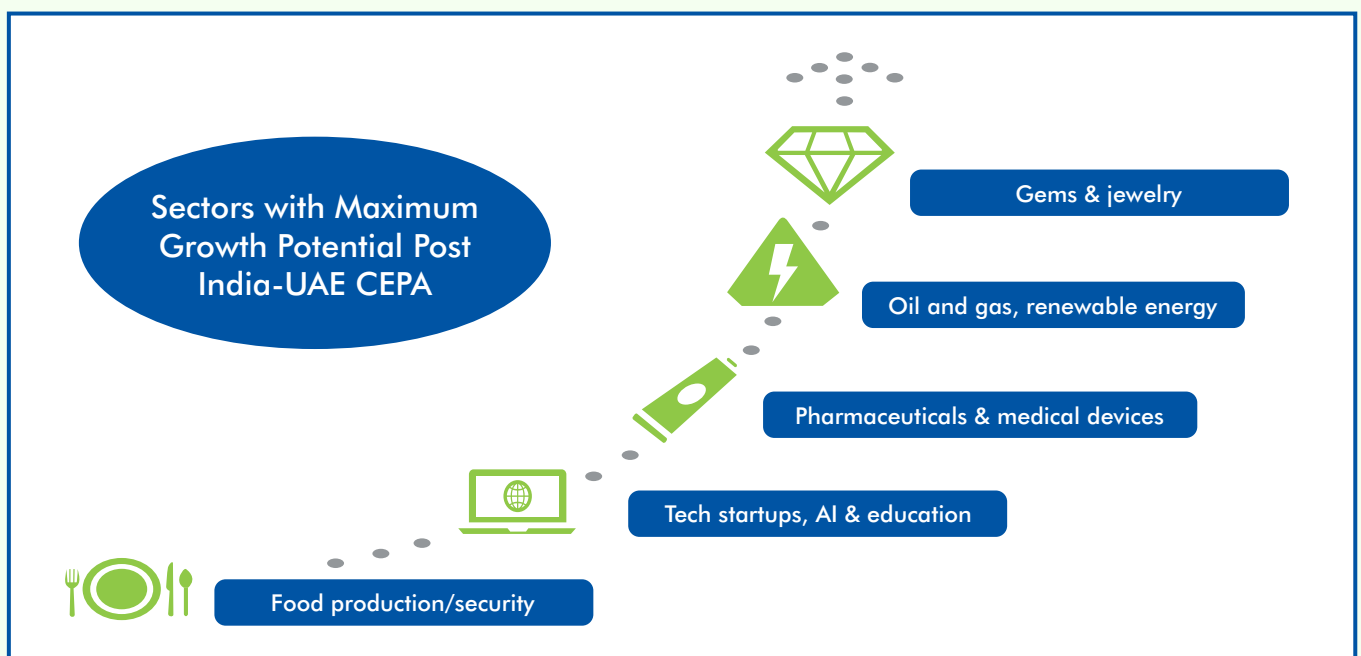
INDIA-UAE Connect:

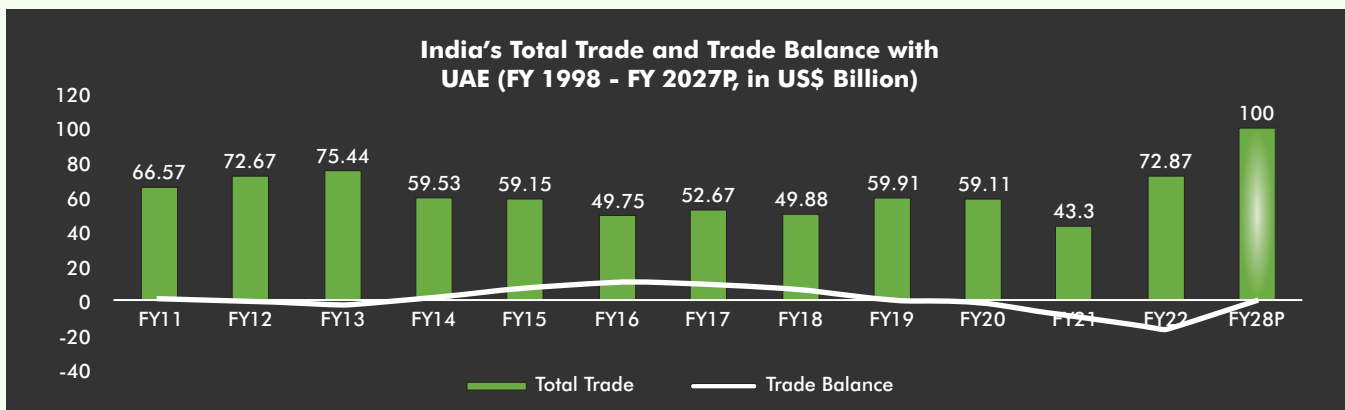
India-UAE Comprehensive Economic Partnership Agreement (CEPA), a Strategic Partnership Template with Ambitious Scope

The strategically important CEPA agreement between India and UAE is providing substantial growth to the bilateral trade in goods and services. The preferential market access to Indian goods in labor-intensive sectors such as Textiles, Gems & Jewellery, Automobiles, Sports, Leather, Plastic, Furniture, Agricultural and Wood Products, Medical Devices, Pharmaceuticals, etc **is expected to touch the mark of US\$ 100 billion in coming five years**. The rise in service sector export between India and UAE is also expected to cross the mark of US\$ 15 billion in the same



duration as the bilateral trade between two countries under **preferential access accounts for 99% of Indian exports in value terms**. The historic partnership within a year of its implementation proved to be the growth engine that accelerated the pace of **bilateral trade with a year-on-year increase of 16% between FY 2021 to FY 2022**. The agreement is also expected to strengthen the ties between the two countries while fulfilling the mutual aspirations of establishing UAE as a gateway to the world and achieving India's US\$ 40 trillion vision in the next 25 years. The growth story is still unfolding and the increasing trade volume across the sectors is positively impacting the macroeconomic stability and GDP growth of partner countries.





Dear Readers,

The AG Group is extremely delighted to bring the Quarter1 edition of its Newsletter “The AG Communique”, highlighting India's close association with the United Arab Emirates (UAE) to boost trade and export in the goods and services sector. In the later part, you will find the five stories from different continents to give you a flavor of rapidly changing global dynamics and policy transformations to nurture the distant and near future across the globe.

Sneak Peek Inside:



Russia's New Foreign Policy to Bring Greater Stability and Cooperation in Eurasia

Rwanda Established First mRNA Vaccine Production Facility in Africa to Strengthen its Fight Against Infectious Diseases



Markets in Crypto Assets (MiCA) Regulations to Safeguard Crypto Space in Europe

Australia's Gender Pay Gap Law Transforming Equal Opportunities at the Workplace a Reality



US, Brazil to Join Hands with India for International Biofuel Alliance

Newsletter usually comprises of 8-10 pages
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AG HORIZON at COP-28 UAE



This year, we have achieved a significant milestone as we are enthralled to be part of the United Nations Global Compact (UNGC) commitment- the world's largest corporate citizenship initiative, with thousands of business participants and other stakeholders from civil society, labour, and government based in over 160 countries.

Further, we have participated in COP 28, UAE leading our way to enhance our Climate actions and company's engagement in sustainable dialogues. Our partake in advancing the company's goals aligns with the broader values of United Nations. Our path of commitment drew attention from COP 28 delegates who are dedicated towards practical solution to complex business challenges.

AG GROUP

We expand your Horizon

AG was established in the year 1998. In the due course of time AG has become multi-functional, multi-disciplinary organization offering a wide range of consultancy services to multiple sectors for implementation of projects under one roof from "Concept to Commissioning" AG shareholders has track record in the development of mega projects in country & overseas in field of sports, hospitality, tourism, flood management, turf farms, F&B, real estate, fashion & clothing, import & exports, chemical & fertilizers.

The integration and coordination of our in-house experts deliver the pragmatic solutions in the today's world. Quality and Service delivery are the key elements of AG Group corporate philosophy. The highly motivated, experienced and multi-disciplined team plans, develop and implement the need of client and exceed their expectations. We can synergize our experience with your projects to make it a success.



Chennai



Delhi



Gurugram



Guwahati



Hyderabad



Imphal

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