

GOVERNMENT

POLICY REPORT



Sustainability

SDG



ESG

Climate Change



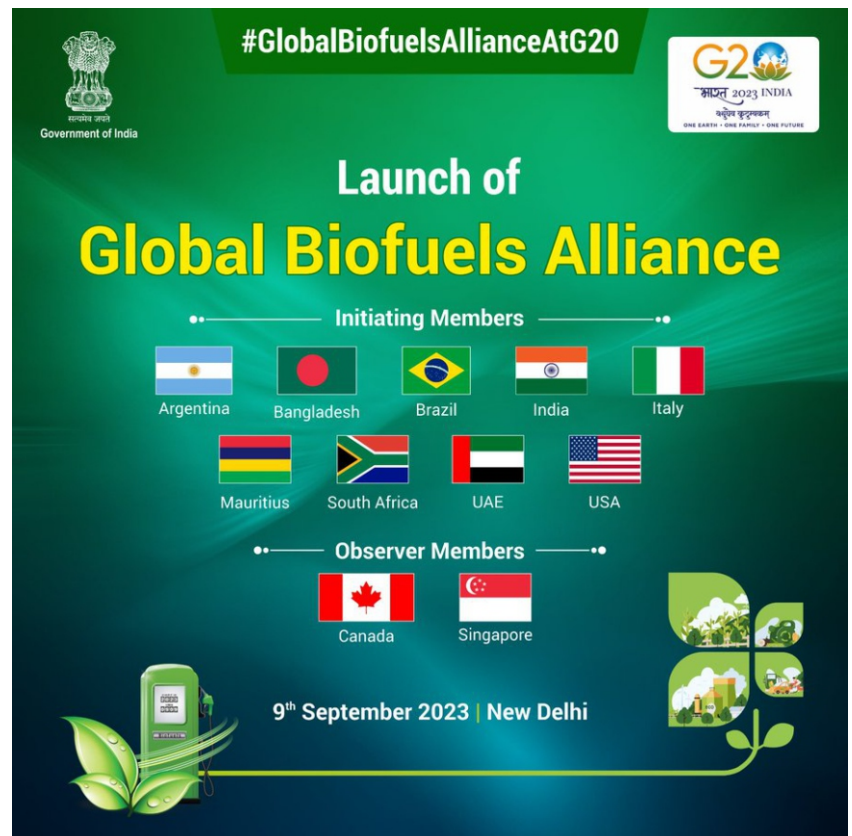
Renewable Energy

01 | SUSTAINABILITY

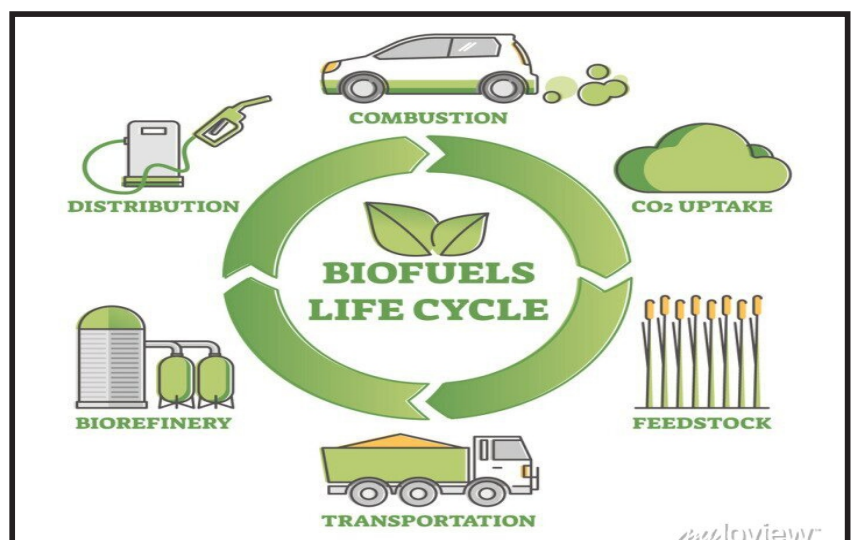
Global Biofuel Alliance, a Realization to the Quest of Sustainability and Clean Energy

The **Global Biofuel Alliance (GBA)** was recently launched during the **G20 Summit 2023** under the global leadership of **India, Brazil, and the USA**. The Alliance of G20 members will be supported by international organizations and invitee countries. They aim to establish viable bio fuel capacity development, virtual business centres, and acceptable practices globally to meet sustainable development goals.

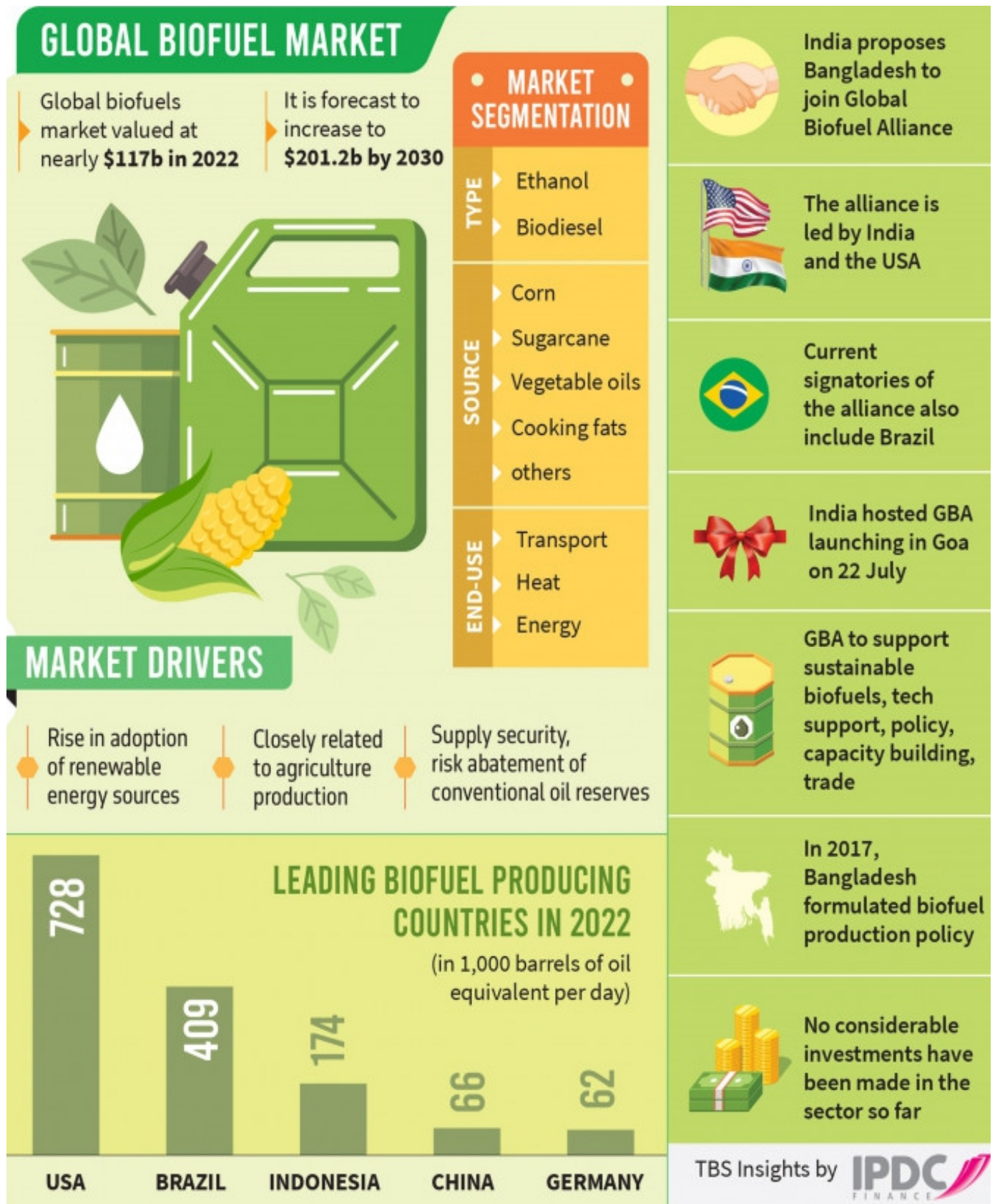
The alliance will bring the producers as well as consumers of biofuel on the global platform to boost the trading framework, emission cut down targets, and make them less dependent on fossil fuels through the clean energy transition. **As per the Biofuels Study report published by G20, biofuel shares 0-to-7% of G20's member energy mix.** The major players like the **USA, India, and Brazil** hold around **85% of production and 81% of consumption of ethanol.** Ethanol's market share is priced at **US\$ 99.06 billion in 2022** and is expected to touch around **US\$ 162.12 billion** with a **compound annual growth rate (CAGR) of 5.1% in the next 10 years.**



Source: <https://www.aajtak.in/india/news/story/pm-narendra-modi-mentioned-global-biofuel-alliance-g20-summit-know-what-are-its-specialties-ntc-1775560-2023-09-09>



Biofuel Global Market Statistics



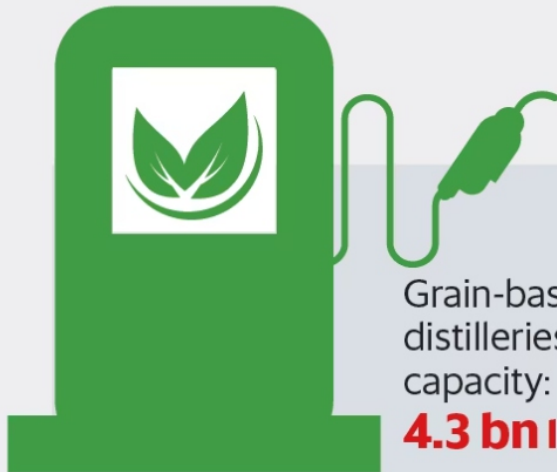
Source: <https://www.tbsnews.net/bangladesh/energy/bangladesh-considers-joining-global-biofuel-alliance-led-india-usa-696130>

Indian Biofuel Landscape

Green fuel push

India is looking to ramp up biofuel production capability in view of growing energy demand.

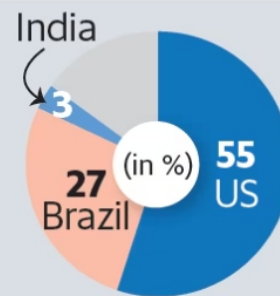
mint



India's ethanol production capacity: **12.4 bn litres**

Molasses-based distilleries' capacity: **8.1 bn litres**

Grain-based distilleries capacity: **4.3 bn litres**



India, US and Brazil account for **85%** global ethanol production

State-run oil marketing companies paid **₹82,000 cr** to distillers in the past eight years, of which **₹48,000 cr** went to farmers

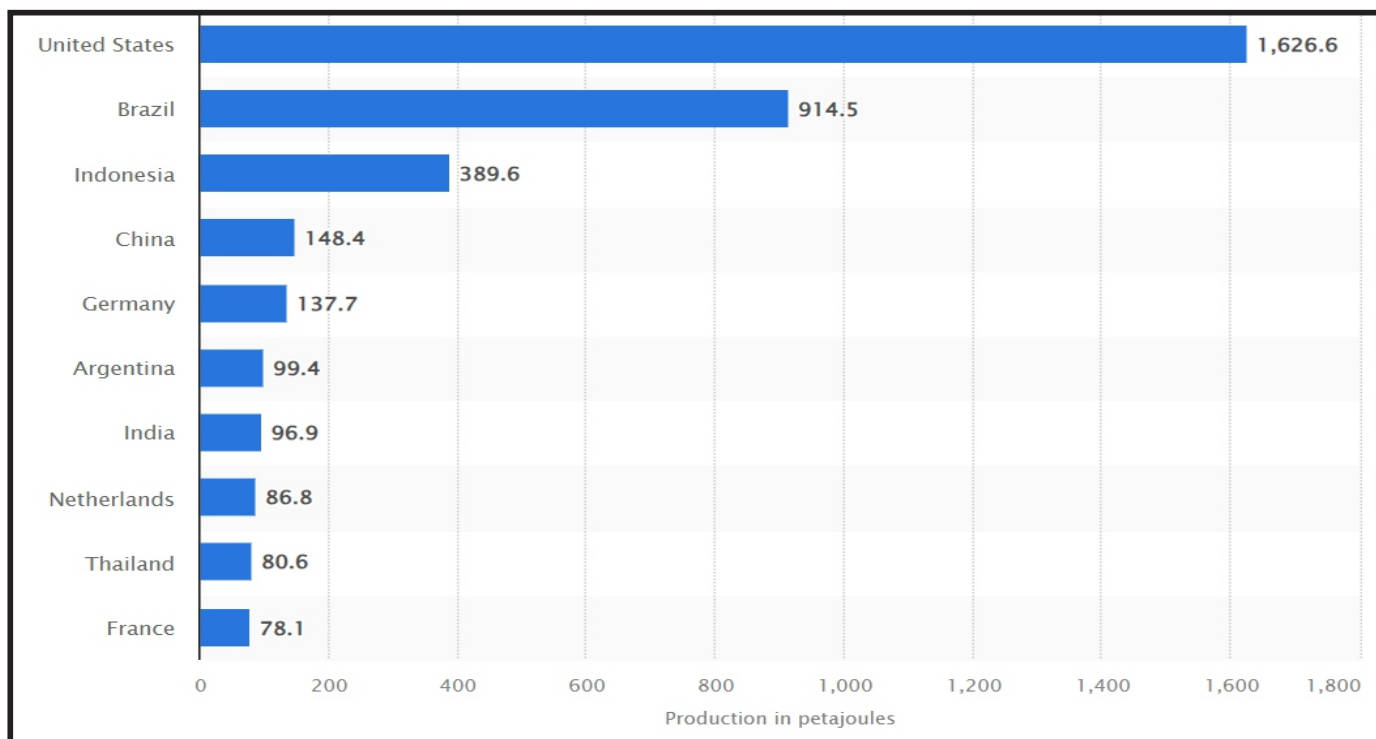
India's E20 fuel is available at **1,350** outlets, nationwide coverage by 2025

India to contribute **25%** to global energy demand growth till 2040.

Source: <https://www.livemint.com/industry/energy/india-plans-to-allow-biofuel-exports-and-trading-launches-global-biofuel-alliance-with-brazil-and-us-11689183653016.html>



Global Biofuel Production Scenario



Source: <https://www.statista.com/statistics/274168/biofuel-production-in-leading-countries-in-oil-equivalent/>

The GBA is challenged by many factors in comparison to other renewable sources like wind and solar, based on the varying availability of raw material for biofuel production, and the speed at which it has been commercialized. **According to IEA, biofuel shares more than 4% of transport energy in 2022.** India alliance plays a vital role, as it has a global share of 3% in ethanol that is increasing continuously. India has several programs like GOBARDHAN, SATAT, and PM JIVAN Yojna scheme and comprehensive national policies to boost its presence in the global biofuel market.

The success of the alliance will be achieved by planning a roadmap to assist in-country collaboration, boosting investment, and innovation with long-term plans countering SCM issues and others. As per the **Indian Biogas Association, the GBA is expected to create green jobs for G20 members amounting to US\$ 500 billion in the coming three years.** Under the GBA-driven safe practices and policies, the sustainable use of ethanol and biofuels will make the way forward for a global clean energy transition that will complement the overall achievement of SDG targets by 2030.



Source: <https://twitter.com/PetroleumMin/status/1701120992918266251>

02 | SDG

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

The **Ministry of Tourism, Government of India** in partnership with the **United Nations World Tourism Organization (UNWTO)**, launched the '**G20 Tourism and SDG Dashboard**' on **05 September 2023**, in a virtual ceremony attended by G20 members, invitee countries, heads of Indian states, and UTs, international organizations and other stakeholders. The dashboard is a demonstration of the G20 Tourism Working Group's efforts to achieve sustainable tourism and meet Sustainable Development Goals (SDGs) through the promotion of tourism among member countries.

G20 Tourism and SDG Dashboard

The **Goa Roadmap for Tourism as a Vehicle for Achieving the Sustainable Development Goals** developed under India's G20 Presidency is built around the five priority areas:

- 1) Green Tourism;
- 2) Digitalization;
- 3) Skills;
- 4) Tourism micro-, small and medium-sized enterprises (MSMEs) and;
- 5) Destination Management.

The Roadmap includes for each of the areas a set of objectives, recommended actions and case studies.

The G20 Tourism and SDGs Dashboard has been developed with the support of India's G20 Presidency to showcase the Roadmap as well as promote the policies and initiatives of the G20 countries in advancing the SDGs through tourism.

[Download the Goa Roadmap for Tourism as a Vehicle for Achieving the Sustainable Development Goals Report](#)

Navigation buttons:

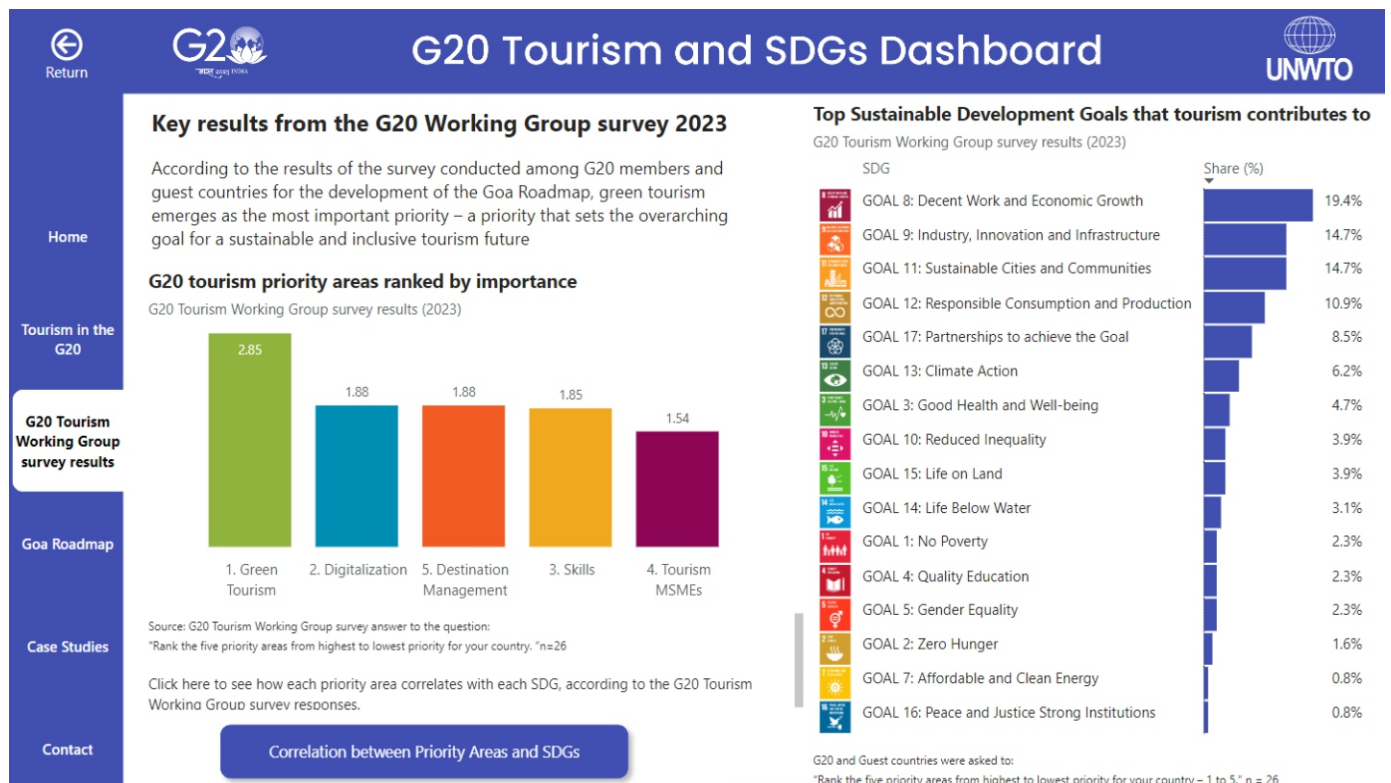
- Tourism in the G20
- G20 Tourism Working Group Survey Results
- Goa Roadmap
- Case Studies
- Contact

SDG icons at the bottom:

- 1 NO POVERTY
- 2 ZERO HUNGER
- 3 GOOD HEALTH AND WELL-BEING
- 4 QUALITY EDUCATION
- 5 GENDER EQUALITY
- 6 CLEAN WATER AND SANITATION
- 7 AFFORDABLE AND CLEAN ENERGY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 10 REDUCED INEQUALITIES
- 11 SUSTAINABLE CITIES AND COMMUNITIES
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
- 13 CLIMATE ACTION
- 14 LIFE BELOW WATER
- 15 LIFE ON LAND
- 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
- 17 PARTNERSHIPS FOR THE GOALS

Source: <https://tourism4sdgs.org/g20india/>

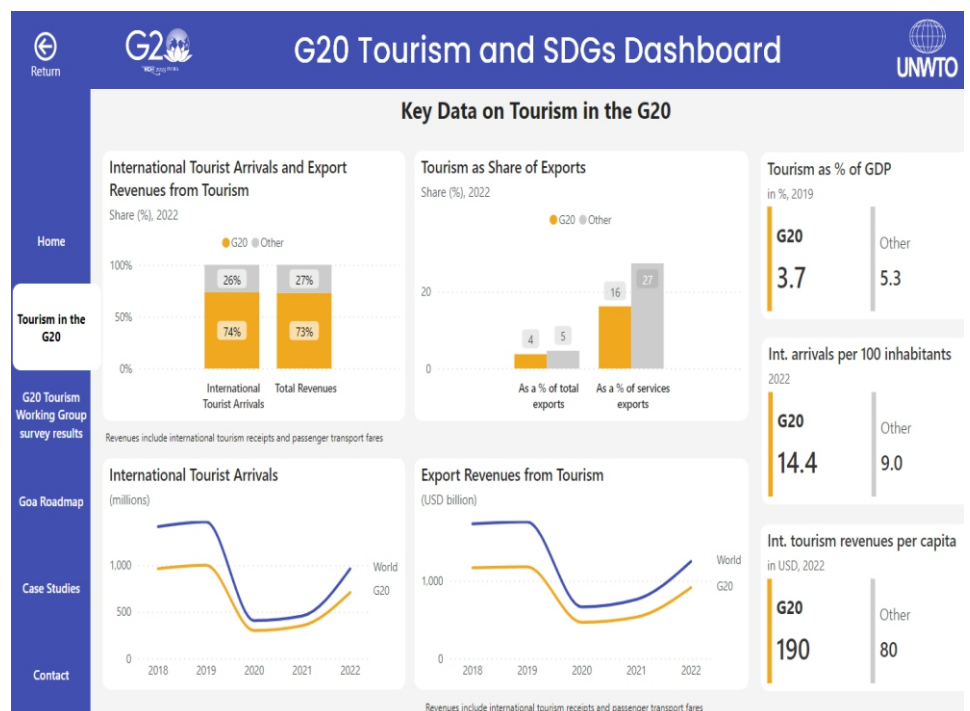
It will act as an online public platform for collaboration, growth, and exchange of knowledge for the potential contribution of the tourism sector in achieving SDGs. It exhibits top-level information obtained from case studies, survey results, Goa roadmap, feedback from G20 members, and best practices to be followed in the tourism industry to achieve the targets that will provide sustainable pathways for the tourism industry driven by the digitization of the processes and operations globally.



Source: <https://tourism4sdgs.org/q20india/>

The G20 members share around 85% of the global GDP, with more than 75% share of the global business, and 2/3rd of the world population, which **witnessed 74% of tourist’s arrival with 73% share in tourism exports globally in 2022.**

The **G20 members occupy more than 70% of the global tourism industry** and with the help of this dashboard, it can transform tourism for a better tomorrow leading towards a sustainable, flexible, and comprehensive growth of the sector. It is **mainly driven by five key areas Tourism MSMEs, Green Tourism, Skills, Destination Management, and Digitalization under the Goa Roadmap for Tourism** accounting to SDGs.



Source: <https://tourism4sdgs.org/g20india/>

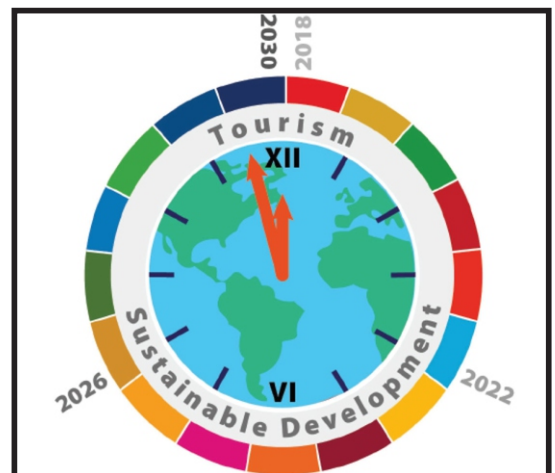
Goa Road map for SDGs

Source: <https://tourism4sdgs.org/g20india/>

The Dashboard is designed to achieve sustainable tourism growth supported by the economic, environmental, and socio-cultural segments including tourist satisfaction and understanding of sustainability issues, which is a continuous process and demands never-ending tracking to introduce required changes to strengthen tourism scenarios around the G20 economies.

The **Dashboard is backed up by the expertise of UNWTO**, which is accountable for boosting sustainable, responsible, globally accessible tourism, and educating tourism professionals with up-to-date knowledge and updated policies contributing to timely achieving the SDGs. It motivates the execution of the Global Code of Ethics in Tourism for achieving enhanced socio-economic growth, acceptable environment, and all-round development for G20 economies.

Sustainable Tourism and 2030 Agenda



Source: <https://esdw.eu/events/tourism-2030-count-down-clock/>

How AG Group Can Help You

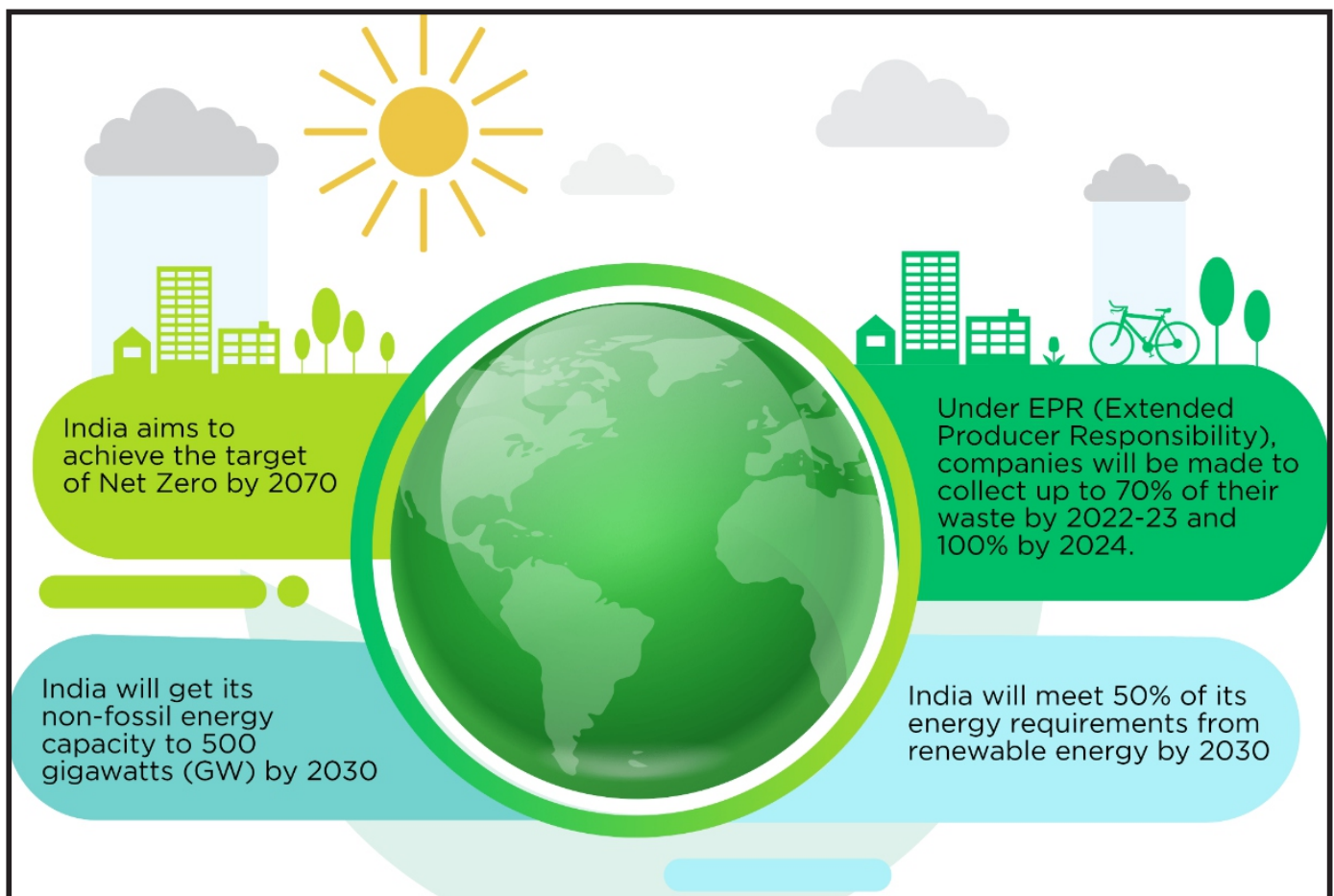
To Initiate Change towards Sustainable Growth to achieve impact-driven long-term goals [Click Here](#)

03 | ESG

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

The **Security Exchange Board of India (SEBI)** in 2023 has brought up the **Business Responsibility and Sustainability Reporting (BRSR) framework for Environment, Social, and Governance (ESG) reporting**. It will redefine the reporting standards to meet India's sustainable aspirations in terms of climate initiatives, sustainability accounting, as well as management and process disclosures.

India's Major Sustainable Aspirations



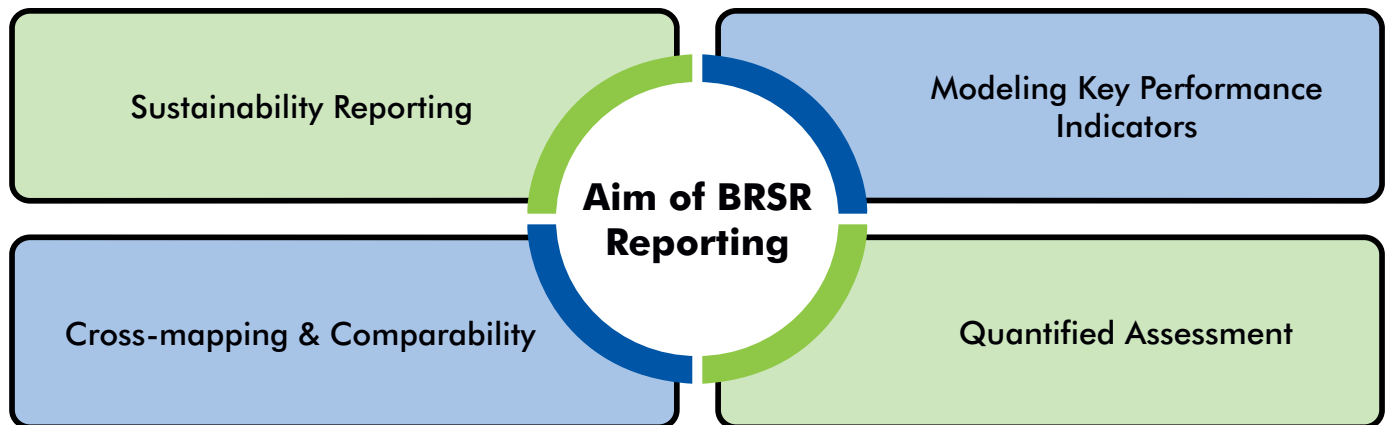
Source: <https://snowkap.com/gear-up-for-2023-reporting-season-guide-to-brsr-reports/>

To create awareness and build capacity in BRSR for the effective implementation of the framework, **the Indian Institute of Corporate Affairs (IICA) in association with UNICEF, has organized a workshop to improve transparency and credibility in the reporting process**. It will provide practical insights for better management of risk in such business processes with improved overall performance along with increased access to capital to improve sustainability in business compliance and value creation.

Objectives of Workshop



IICA is instrumental in the promotion of corporate sustainability in India and has also played a significant role in the formation of the BRSR framework. Thus, it has given major insights to the participants for compliance practices and mandatory disclosures under this dynamic reporting framework. In the workshop, the major highlight was the cross-mapping of various ESG factors into the corporate business processes, operations, etc. to transform the organizations into sustainable business entities that can support India's green growth in the 'Amrit Kaal' of the Indian economy.



The first-of-its-kind workshop has provided comprehensive support for capacity building and raised awareness about emerging trends related to ESG and their relevance for effective BRSR reporting. It will help to develop the quick adaption of BRSR by business entities under CSR governance based on the nine principles of government-issued National Guidelines for Responsible Business Conduct (NGRBC).





The workshop has covered engaging techniques for the development of an effective reporting landscape through various domain experts from industry, academia, and civil society. They have interacted with CSR and Sustainability professionals, ESG Professionals and top leaders of the business stream in multiple technical sessions followed by group discussions and Q&A. This has given a common platform to domain experts and business entities to share the best national and international practices in the area along with sharing their experiences and challenges in BRSR reporting.

The workshop has given valuable insights for the implementation and interlinkages of ESG and BRSR reporting to raise awareness about measuring the carbon footprints of each business operation as well as the process. Through close monitoring, it will help businesses to play a significant role and become part of the solution to create value and mitigate potential risks. It will add up to the overall performance and profitability of the business in India and can attract more green investment over time to support sustainable growth of the economy.

WHO SHOULD ATTEND:

- Corporate Leaders
- C – Suites (CEOs and CXOs)
- Chief Sustainability Officers
- Heads of Sustainability and Environment
- ESG and Sustainability Professionals
- Legal and Compliance Experts
- CSR Professionals

Source: https://iica.nic.in/images/Fothcoming_Program-23/BRSR-Workshop-2023.pdf

04 | Climate Change

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

The Ministry of Rural Development has launched the International Lesson Learning Workshop for the Infrastructure for Climate Resilient Growth (ICRG) project. ICRG is a technical assistance program in partnership with the Ministry of Rural Development, Government of India, and Foreign, Commonwealth and Development Office, Government of United Kingdom for achieving sustainable development with the help of climate-smart livelihood methods.



Source: https://twitter.com/PIB_India/status/1697570176324268524

The MoRD has used live learning lessons from the MGNREGA scheme as a successful example of the ICRG initiative helping to conserve water and overcome essential gaps by merging climate resilience livelihood opportunities in the planning and implementation of the scheme. It was found that India majorly focused on adaptation and resilience as a part of their climate action plan and development strengthening India-UK partnership towards sustainable development.

Climate Resilient Approach



The UNDP revealed that during the implementation of ICRG, a capacity development approach has been used to include stakeholders and rural communities to envisage policies for building resilience. The ICRG has worked as a tool through which climate-informed data can be used to build an infrastructure supporting climate-driven livelihood opportunities can be developed along with soil and water conservation, groundwater recharge, plantation, and micro-irrigation.

The workshop has seen encouraging participation from various domain- experts in diverse areas like climate-resilient growth, innovative use of GIS, etc to develop a practical learning environment. It has also outlined how the MGNREGA helped in identifying gender equality, children's requirements, and social protection for vulnerable groups.

The long-run workshop on ICRG showcased the diverse importance of its implementation across rural communities covering different sectors and societies accounting for preparation, adaptation, and recovery as the pillars to achieve sustainable development through the unveiling of various success stories related to climate resilience by vulnerable communities to motivate others in near future.



Source: <https://www.ipeglobal.com/wp-content/uploads/2023/05/ICRG.pdf>

Key Outcomes

- ✓ 35,000+ people trained on climate proofing MGNREGA assets
- ✓ 18,000+ MGNREGA and line department functionaries
- ✓ 27 training modules and guidebooks developed
- ✓ 350+ women-led micro-enterprises were set up to empower the urban poor by increasing access to resources and livelihood opportunities

Source: <https://www.ipeglobal.com/infrastructure-for-climate-resilient-growth-in-india-icrg-programme-india/>

How AG Group Can be a Help

To devise a customized social investment strategy to create successful impact and profitability

[Click Here](#)

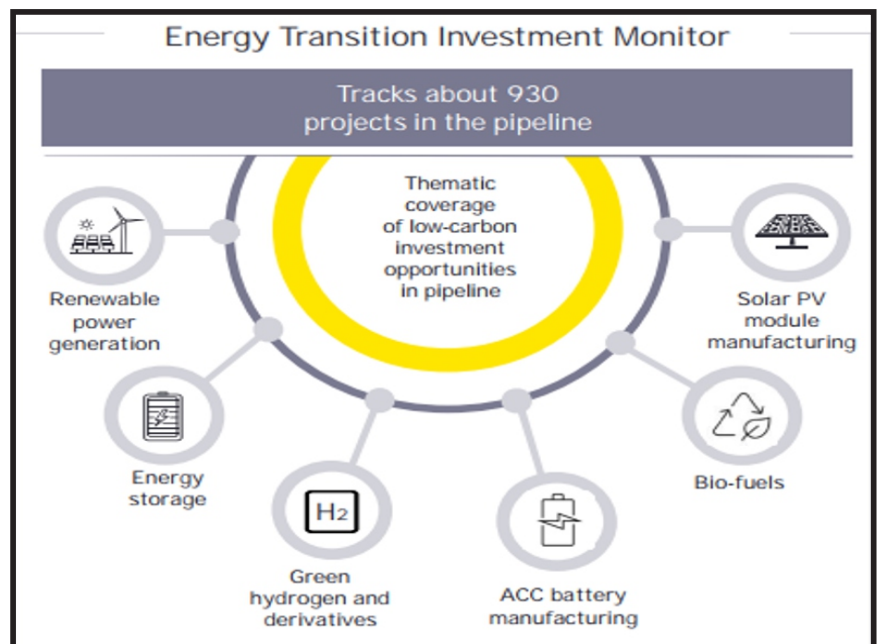
05 | Renewable Energy

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

The **Ministry of New & Renewable Energy** launched the **'Energy Transition Investment Monitor' (ETIM)** platform on **15 September 2023**, during the IV International Conference & Exhibition on Clean Energy in New Delhi. It is the **combined effort of the Confederation of Indian Industry (CII) with Ernst & Young (EY)** to facilitate investors from worldwide to identify diverse investment opportunities in India's energy transition landscape and keep track of them from conception till completion.

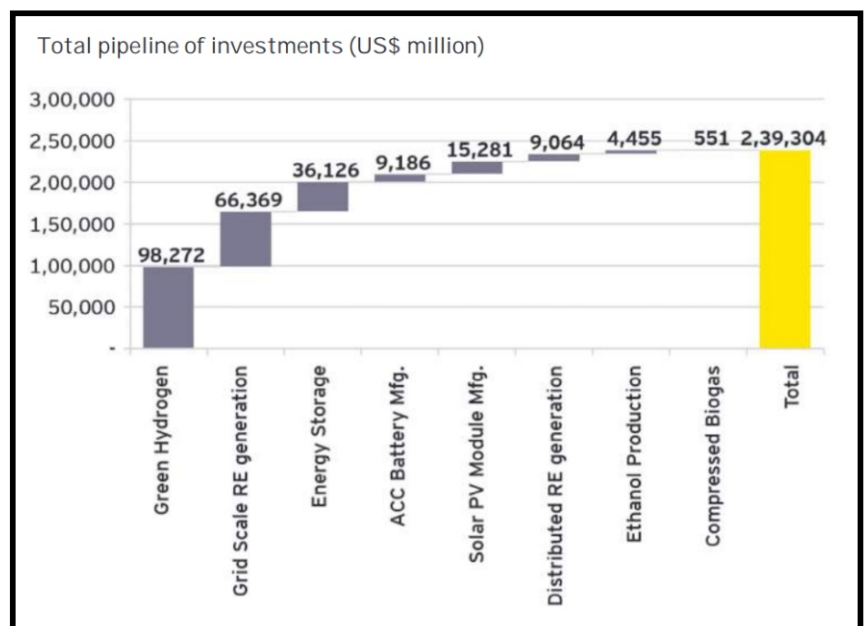
The conference has also witnessed the **release of the EY-CII report titled "Global Champions for Advancing Renewable Energy Innovation and Manufacturing"**, which suggests the idea of having an energy transition channel and recognizing facilitators for upgrading the supply chain because it has the potential to attract investment opportunities and support policy-making to boost renewable energy innovation and manufacturing.

It will create an investment pipeline that works on any of the stages like under bidding, construction, permitting, or announced.



Source: <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1957849>

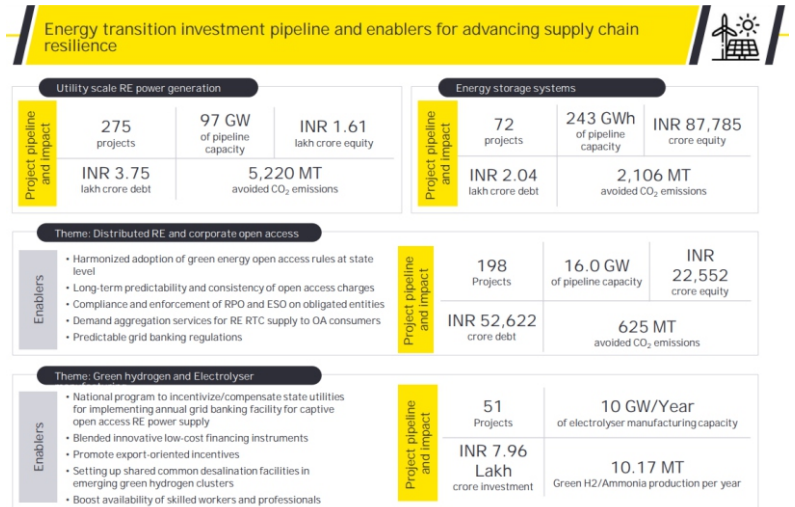
India's Renewable Energy Investment Landscape



Source: <https://static.pib.gov.in/WriteReadData/specificdocs/documents/2023/sep/doc2023915253001.pdf>

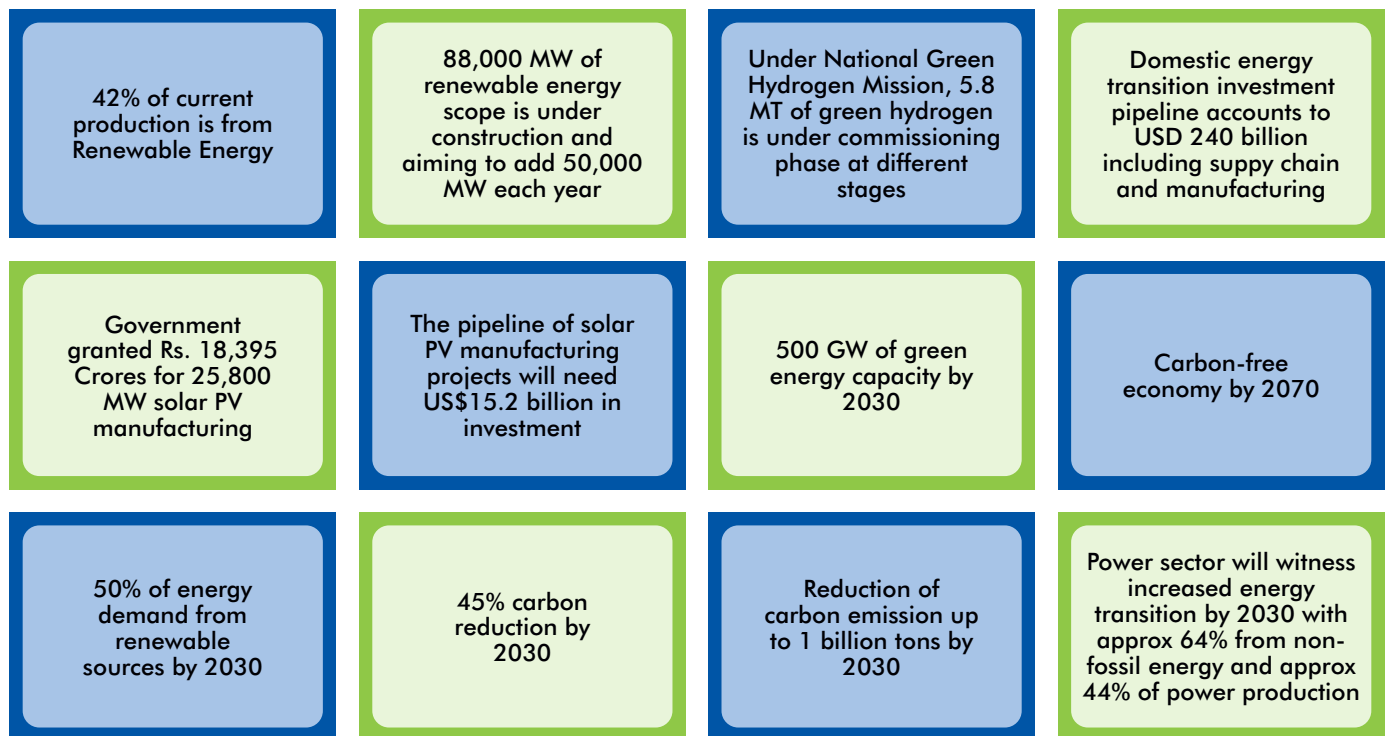
The platform tracks more than 930 energy transition investment channels in the pipeline and has immense prospects for green job creation, eventually leading as an add-on towards India's sustainable climate action goals and achieving energy security objectives. To enhance the investment pipeline, the platform gathered the required information from primary and secondary tools supported by diverse public domain sources, original equipment manufacturers (OEMs), and consultation with project developers complemented by research firms including other stakeholders.

Investment Channels and Facilitators



Source: <https://static.pib.gov.in/WriteReadData/specificdocs/documents/2023/sep/doc2023915253001.pdf>

India's Renewable Energy Statistics



The Energy Statistics India 2023 observed the highest growth of 6.83% CAGR in clean energy sources under commercial energy production between 2012-13 to 2021-22, they recorded 8.24% of total commercial energy production in 2021-22. The investment pipeline database is examined at large to counterbalance sustainability and give comprehensive view of infrastructure projects that can produce socio-economic and environment-friendly values towards renewable energy. The newly launched platform will support low on carbon production renewable energy infrastructure projects to benefit stakeholders and support India's clean energy transition effectively shortly.

RESOURCES

1. <https://www.businessinsider.in/policy/economy/news/g20-biofuel-alliance-can-generate-opportunities-worth-500-bn-in-next-3-yrs-member-nations/articleshow/103548504.cms>
2. <https://www.livemint.com/industry/energy/pm-modi-launches-global-biofuels-alliance-11694267712942.html>
3. <https://www.iea.org/energy-system>
4. <https://pib.gov.in/Pressreleaseshare.aspx?PRID=1898274>
5. <https://www.statista.com/statistics/274168/biofuel-production-in-leading-countries-in-oil-equivalent/>
6. <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1954936>
7. <https://www.unwto.org/tourism4sdgs#:~:text=UNWTO%20offers%20leadership%20and%20support,inclusive%20development%20and%20environmental%20sustainability.>
8. <https://newsonair.gov.in/News?title=Tourism-Minister-G.-Kishan-Reddy-launches-G20-Tourism-and-SDG-Dashboard&id=467318>
9. <https://ddnews.gov.in/national/g20-tourism-and-sdg-dashboard-unveiled-showcase-indias-commitment-sustainable-tourism>
10. <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1961075>
11. <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1956690>
12. https://iica.nic.in/images/Fothcoming_Program-23/BRSR-Workshop-2023.pdf
13. <https://indiacr.in/what-is-brsr-and-what-are-the-9-principles-of-brsr/>
14. <https://www.ibm.com/blog/indian-brsr-reporting/>
15. <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1954064>
16. <https://www.ipeglobal.com/infrastructure-for-climate-resilient-growth-in-india-icrg-programme-india/#:~:text=Providing%20support%20to%20the%20Ministry,able%20to%20tackle%20climate%20extremities.>
17. <https://climate.mit.edu/explainers/climateresilientinfrastructure#:~:text=Climate%2Dresilient%20infrastructure%20saves%20both,years%20in%20hazard%2Dprone%20areas.>
18. <https://www.ucsusa.org/resources/what-climate-resilience>
19. <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1957849#:~:text=On%20the%20occasion%2C%20a%20CII,renewable%20energy%20innovation%20and%20manufacturing.>
20. <https://energy.economicstimes.indiatimes.com/news/renewable/india-to-launch-100-mw-green-hydrogen-storage-pilot-for-round-the-clock-power-supply-r-k-singh/103694631>
21. <https://www.cii.in/PressreleasesDetail.aspx?enc=jZPQP9zO0NU4yUGwLeVzOCZNBMWvrAwpYZbx7xLHP8=#:~:text=The%20minister%20also%20released%20a,services%20and%20technology%20supply%20chains.>

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.

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Project Advisory

Project Management Consultancy

Transaction Advisory

Financial Advisory

Business Acceleration & Growth

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Aviation
Ropeway
Electric Vehicle
Traffic Management

Engineering

Textile
IT & Telecom
Power & Renewable Energy
Infrastructure: Highway/Tunnels

Environmental

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Irrigation
Agriculture
Animal Husbandry
Horticulture & Forestry

Social & Public Sector

Sports
Tourism
Education
Healthcare

Sustainability

ESG
SDG
Carbon Credit
Climate Change



Chennai



Delhi



Gurugram



Guwahati



Hyderabad



Imphal