

India @75

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INDIA NEWSLETTER

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Focus Sector:
Renewable Energy

Also find inside:



SHEFEXIL

Indian Export Promotion Council

tribes india



ट्राइब्स इंडिया

Tribal Handicraft and Khadi Exhibition



India Budget

Economic Diplomacy



ISTI Portal



IFFV.IN

Snapshots of the latest Highlights

1 India's exports increased by 23.69% YoY to US\$ 34.06 billion in January 2022 due to strong performance by engineering, petroleum and gems and jewellery segments, as per provisional data by the Ministry of Commerce and Industry.

2 India's smartphone shipments grew 11% YoY to reach 169 million units to surpass US\$ 38 billion in 2021, as per Counterpoint Research.

3 India's gold demand spiked 78.6% YoY to 797.3 tonnes in 2021, as per the Gold Demand Trends 2021 Report released by the World Gold Council (WGC).

4 Electronic goods exports rose by 49% YoY to US\$ 11 billion between April-December 2021, according to the Commerce Ministry.

5 The production-linked incentive (PLI) scheme for the automobile sector is expected to make the industry self-reliant and globally competitive, according to Toyota Kirloskar Motor.

6 India's IT spending is expected to grow at 5.5% YoY to US\$ 105.2 billion in 2022, as per Gartner.

7 According to the Ministry of External Affairs, India has provided an immediate relief assistance of US\$ 200,000 for relief, rehabilitation and reconstruction efforts in tsunami-hit Tonga.

8 India emerges as the world's largest cucumber and gherkins exporter with 1,23,846 metric tonnes valued at US\$ 114 million between April-October 2021.

9 The National Stock Exchange (NSE) of India continues to be the world's largest derivatives exchange for three years in a row based on number of contracts traded in 2021, as per the Futures Industry Association (FIA).

10 Indian textile exports could touch US\$ 65 billion supported by right steps taken by industry majors and proper execution of government schemes, as per a joint report by Kearney and The Confederation of Indian Industry (CII).

11 The India Post Payments Bank (IPPB), a 'Digital-First Bank' became one of the fastest growing digital payments bank in the country, as it crossed the 50 million mark in three years since commencing operations.

12 India will continue with its reforms to enable its vision of sustainable economic growth and continue with "Make in India," "Make for World," stated Mr. Narendra Modi, Prime Minister of India while addressing the World Economic Forum's (WEF) Davos Agenda summit virtually.

13 India's exports of agricultural products, including marine and plantation goods, rose 23.21% to US\$ 31.05 billion between April-November 2021 and is anticipated to exceed US\$ 50 billion during FY22, as per the Ministry of Commerce.

14 The Cabinet Committee on Economic Affairs approved the equity infusion of US\$ 202 million in Indian Renewable Energy Development Agency Limited (IREDA) that will aid in employment generation and CO2 equivalent emission reduction.

KEY FEATURES

GOALS OF AMRIT KAAL

- 1 Focus on growth and all inclusive welfare
- 2 Promoting technology enabled development, energy transition and climate action
- 3 Virtuous cycle starting from private investment, crowded in by public capital investment

PM GatiShakti

Inclusive Development

Productivity Enhancement and Investment, Sunrise Opportunities, Energy Transition and Climate Action

Financing of Investments

FOUR PRIORITIES

GDP

Recovery of the economy reflective of country's resilience

CPI-C and WPI Inflation (%)

INDIAN ECONOMY STAGING A SUSTAINED RECOVERY

COVID-19 Vaccine Coverage (in %)

Trends in Deficits

Trends in quarterly capital expenditure

Net addition in EPF Subscribers (in lakhs)

Foreign Exchange Reserves

Import Cover (RHS)

PM GATISHAKTI

- Driven by seven engines: Roads, Railways, Airports, Ports, Mass Transport, Waterways, and Logistics Infrastructure.
- National Master Plan aimed at world class modern infrastructure and logistics synergy

Formulation of Master Plan for expressways. Completing 25000 km national highways in 2022-23

- Unified Logistics Interface Platform allowing data exchange among all mode operators
- Open Source Mobility Stack for seamless travel of passengers
- 4 Multimodal Logistics parks through PPP to be awarded in 2022-23

- Integration of Postal and Railways Network facilitating parcel movement.
- One Station One Product
- Extending coverage under Kavach
- 400 new generation Vande Bharat Trains

- Multimodal connectivity between mass urban transport and railway stations
- National Ropeways Development Plan as sustainable alternative to conventional roads.
- Capacity building for infrastructure Projects

AGRICULTURE AND FOOD PROCESSING

- Promoting chemical free natural farming starting with farmers' lands close to river Ganga
- Promoting post harvest value addition, consumption and branding of millet products

- Delivery of Digital and Hi-Tech services to farmers in PPP mode.
- Use of Kisan Drones to aid farmers.
- Launching fund with blended capital to finance agriculture start ups

Enhanced procurement to support higher distribution during pandemic

Record Foodgrains Production (in million tons)

- Implementation of Ken Betwa Link Project benefitting 9.1 lakh hectare farm land, providing drinking water to 62 lakh people and generating 130MW power.
- 5 more such projects under process of implementation.

Resilient Growth in Agri Sector (per cent)

Key Features of Budget 2022-2023

EDUCATION

Universalisation of Quality Education

One class One TV channel programme to be expanded to 200 TV channels

Virtual labs and skilling e-labs to promote critical thinking skills and stimulated learning environment

A Digital University will be established with world class quality universal education

High quality e-content will be delivered through Digital Teachers

Skill Development

Digital Ecosystem for Skilling and Livelihood (DESH-Stack e-portal) will be launched to promote online training

Startups will be promoted to facilitate Drone Shakti for Drone-As-A-Service



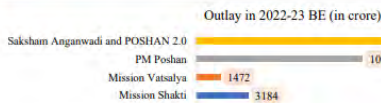
HEALTH

National Digital Health Ecosystem will be rolled out

National Tele Mental Health Programme will be launched for quality counselling

Integrated architecture: Mission Shakti, Mission Vatsalya, Saksham Anganwadi, and Poshan 2.0 to be launched

Two lakh Anganwadis to be upgraded to Saksham Anganwadis



PRODUCTIVITY ENHANCEMENT AND INVESTMENT

Ease of Doing Business 2.0

Trust based governance

Integration of central and state level systems through IT bridges

Expanding scope of PARIVESH Portal

Unique Land Parcel Identification Number for IT based management of land records.

Establishing C-PACE to facilitate voluntary winding up of companies

End to end online e-Bill System and utilising surety bonds in government procurement.

AVCG promotion task force

Support to 5G under PLI scheme

Opening up defence R&D for industry, startups and academia

Ease of Living

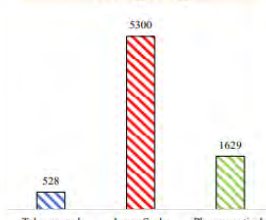
Issuance of chip embedded e-Passports

Modernisation of building byelaws, implementing Town Planning Schemes and Transit Oriented Development

Establishing Centres of Excellence in urban planning

Providing a battery swapping policy as an alternative to setting up charging stations in urban areas

Allocation under PLI Schemes, 2022-23 BE (in crore)



ALL INCLUSIVE WELFARE FOCUS

Har Ghar, Nal Se Jal: 3.8 crore households to be covered in 2022-23

PM Awas Yojana: 80 lakh houses to be completed in 2022-23

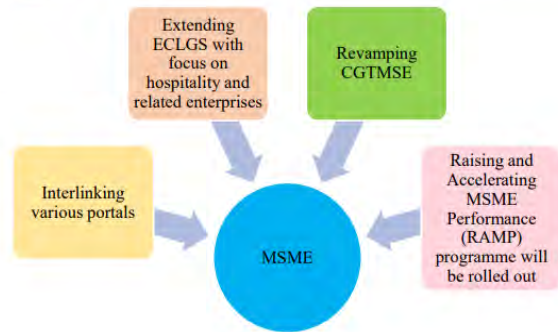
PM-DevINE: To fund infrastructure and social development based on felt needs of the North East

Aspirational Blocks Programme: For development of lagging blocks of aspirational districts

Vibrant Villages Programme: Targeting development of villages on the Northern Border left out from the development gains

Digital Banking by Post Offices: 100% of post offices to come on the core banking system

Digital Payments: Scheduled Commercial Banks to set up 75 Digital Banking Units in 75 districts

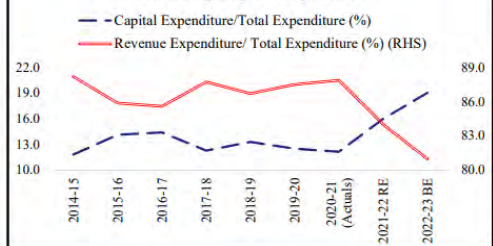


FINANCING OF INVESTMENT

Public investment to continue to pump prime private investment and demand in 2022-23

Introduction of Digital Rupee by RBI starting 2022-23

Prioritising Capital Expenditure



Infrastructure status for Data Centres and Energy Storage Systems

Measures to aid investment by Venture Capital and Private Equity Investment

Green Bonds to mobilise resources for green infrastructure

Blended Finance for sunrise sectors

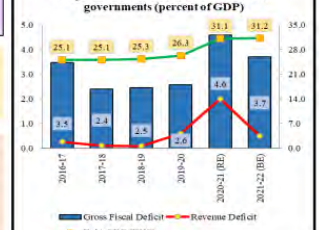
Mobilising Resources

Providing greater fiscal space to States

Enhanced outlay to Scheme for Financial Assistance to States for Capital Investment

For 2022-23 States will be allowed a fiscal deficit of 4% of GSDP of which 0.5% will be tied to power sector reforms

Major deficit and debt indicators of state governments (percent of GDP)



Key Features of Budget 2022-2023

TAX PROPOSALS ₹

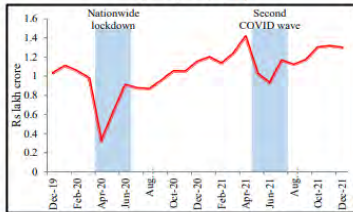
Allowing taxpayers to file Updated Return within 2 years for correcting errors

- Tax relief to persons with disability
- Reducing Alternate Minimum Tax Rate and Surcharge for Cooperatives.

Increasing tax deduction limit on employer's contribution to NPS account of state government employees

Extending period of incorporation of eligible startups for providing tax incentives

Buoyant GST collections during 2021-22 (Rs lakh crore)

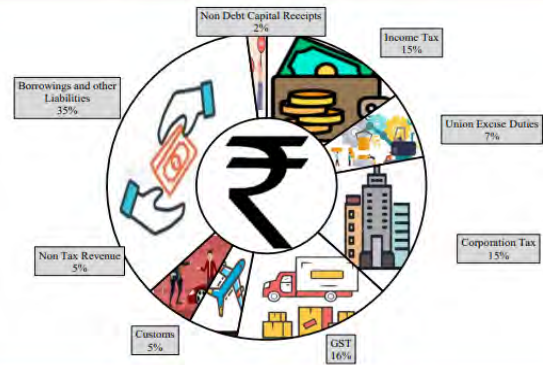


- Income from transfer of virtual assets to be taxed at 30%
- Better litigation management to avoid repetitive appeals

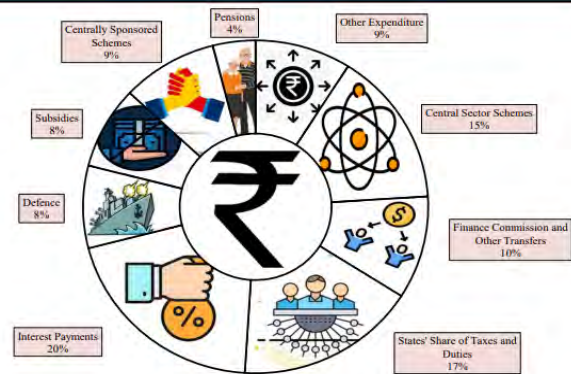
Any Surcharge or Cess on Income and Profits not allowable as business expenditure

- Customs administration to be fully IT driven in SEZs
- Phasing out concessional rates in capital goods and project imports gradually and apply a moderate tariff of 7.5%
- Review of customs exemptions and tariff simplification
- Customs duty rates are being calibrated to provide a graded rate structure to facilitate domestic electronics manufacturing
- Rationalisation of exemptions on implements and tools for agri sector manufactured in India
- Extension of customs duty exemption to steel scrap
- Reduction of duty on certain inputs required for shrimp aquaculture
- Unblended fuel shall attract additional differential excise duty

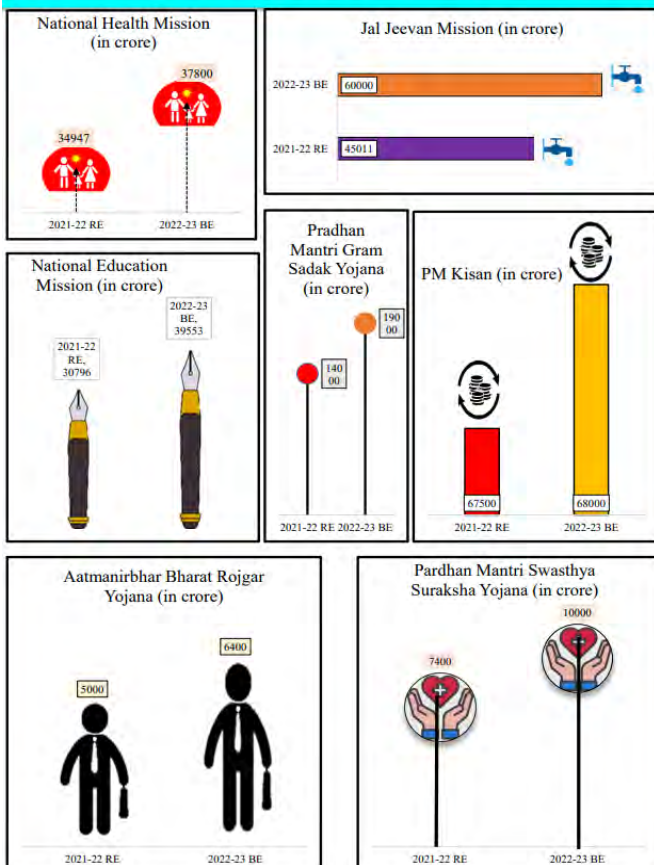
RUPEE COMES FROM



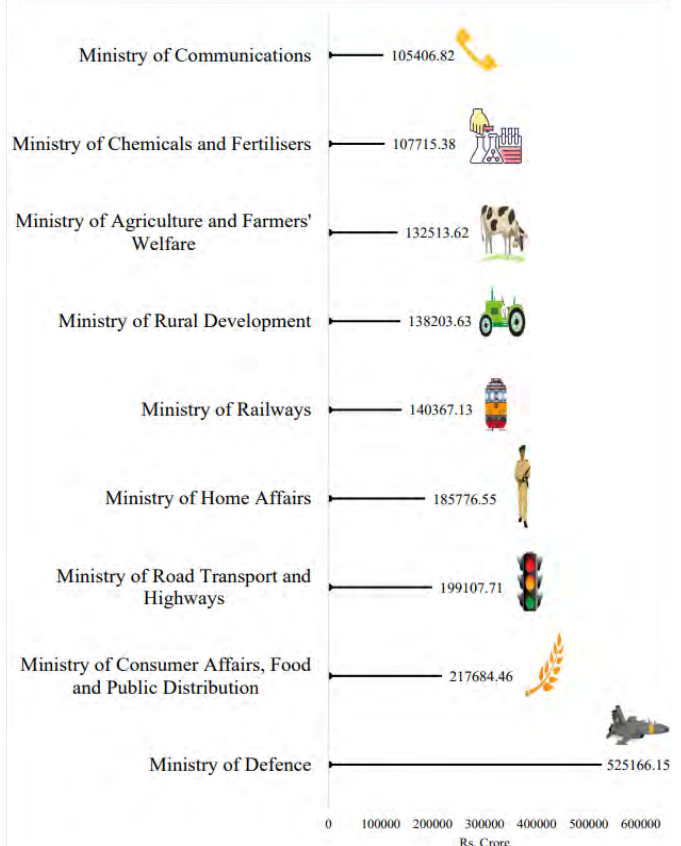
RUPEE GOES TO



ALLOCATION TO MAJOR SCHEMES



MINISTRY WISE ALLOCATIONS





SHEFEXIL

Shellac And Forest Products Export Promotion Council

Formerly Shellac Export Promotion Council | Sponsored by Ministry of Commerce & Industry, Govt. of India

www.shefexil.org

Shellac EPC, estd 1957, became SHEFEXIL in 2005 – the nodal catalyzing agency for long term development and export promotion of non-timber forest produces (NTFPs). In 2007, SHEFEXIL was also entrusted as the nodal EPC of north-eastern region of India (NER). Today, SHEFEXIL stands strong with several NTFPs and their value-added variants, medicinal plants and extracts, vegetable saps and derivatives, shellac and lac based products, guar gum, and more.

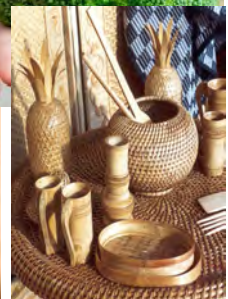
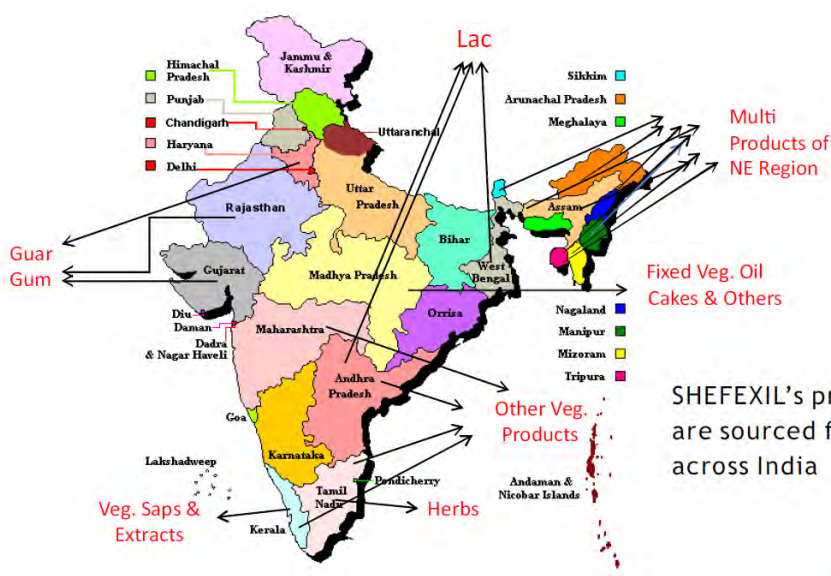
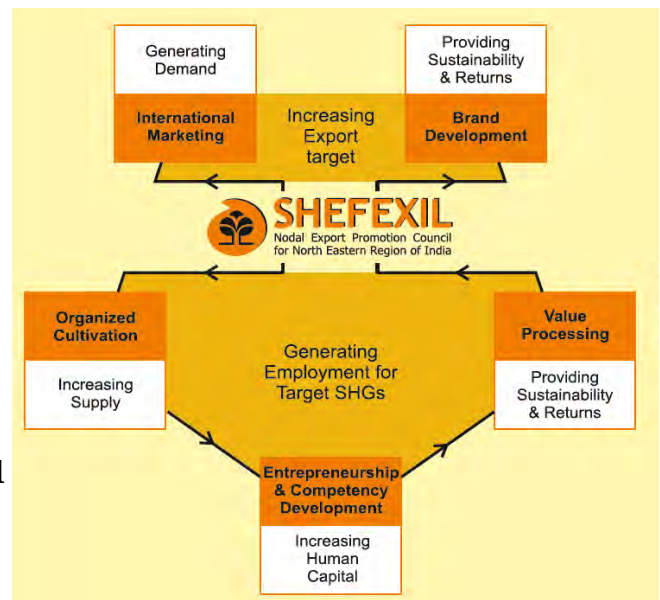
SHEFEXIL is a direct contributor to economically challenged sections of society.

1. Tribal women
2. Marginal cultivators
3. Economically challenged population from the North East, arid areas, etc.

SHEFEXIL's export opportunities are catalyzed today by increasing international opportunities in various segments.

- Food ingredients
- Herbal supplements
- Nutraceuticals
- Processed bamboo, etc.

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India ranks 3rd in US Green Building Council's 2021 global list for sustainable spaces: The Economic Times

India has emerged as one of the leading countries to adopt green and sustainable buildings and developments as the country ranked third in the world on the U.S. Green Building Council (USGBC) annual list of the top 10 countries and regions outside of the US for Leadership in Energy and Environmental Design (LEED) in 2021.

India has a total of 146 LEED certified buildings and spaces, representing nearly 2.8 million gross area square meters (GSM) of space. This marks a nearly 10% increase in LEED certified space in India from 2020.

“India’s continued presence among the top three countries for LEED outside of the U.S. in 2021 is a testament to its focus on sustainable development and achieving its Paris agreement targets. India’s continued momentum in adopting LEED across sectors will play a large role in ensuring the overall wellbeing of its citizens and communities in the coming years. The pandemic has highlighted the fact that green buildings are not the solution of tomorrow, they are a solution for now,” said Peter Templeton, President and CEO, USGBC and Green Business Certification Inc. (GBCI)

The USGBC ranking highlights countries and regions outside the United States that are making significant strides in healthy, sustainable, and resilient building design, construction, and operations.

“Despite the ongoing pandemic, India has witnessed

a nearly 10% increase in its LEED GSM when compared to 2020, thereby highlighting its focus on pursuing sustainable growth and development. The Government of India has been proactive in prioritizing the health of its citizens by urging organizations to open with necessary safety protocols in place,” said Gopalakrishnan Padmanabhan, Managing Director – Southeast Asia & Middle East, GBCI.

On a cumulative basis, India’s overall projects under LEED stand at 1,649 buildings with a total of 46.2 million gross square meters.

India ranks third on the list behind China that topped the list with more than 14 million GSM, and Canada which certified more than 3.2 million GSM. India has consistently placed within the top three countries, representing the ever-growing domestic demand for LEED certification in the country as a means to reduce emissions, decrease environmental impact, and support health and well-being.

Livspace becomes 7th unicorn in 2022, raises US\$ 180 million: BusinessToday.in

Home interiors and renovation startup, Livspace, is the fifth unicorn of 2022 with a \$180 million fundraise in a Series F round led by KKR, a global investment firm. The Series F round also witnessed participation from existing investors such as Ingka Group Investments (holding company of IKEA), Jungle Ventures, Venturi Partners, and Peugeot Investments, among others.

Anuj Srivastava, co-founder and CEO of Livspace, told Business Today in an exclusive interaction that the company’s valuation has more than doubled during the current fundraise to over \$1 billion and that the cumulative fundraise by the startup now stands at \$450 million from the leading global investors.

The company is focussed on an

omnichannel approach with a sizeable online, offline presence, especially to penetrate the highly untapped Tier 2 towns of India and beyond.

“Our offline stores have received a phenomenal response in every market we have forayed into and this gives us utmost optimism. Experience Centres (ECs) and small format stores have emerged as key consumer touchpoints, helping Livspace solve for access in the non-metros. We aim to further strengthen our presence in the country with over 150 new stores in both metros and non-metros in the next 18 months,” Livspace CEO told BT.

The company is also eyeing profitability by 2023 on the back of heightened growth since the onset of the pandemic gave shape to wfh/remote work model.

“Since our inception in 2015, Livspace has taken the pole position in the home interiors and renovation segment with a 65 per cent market share in 2021. We grew 2X in the last 5 months. In fact, we witnessed over 400 per cent growth in the past 24 months. We will be closing new orders worth \$350-400mn by March quarter and we are looking at \$700 million by 2023. I am happy to share that our India operations broke even in March 2021 and we are looking at a company-wide profitability in the next 12-18 months,” Srivastava said.

He added that the company is seeing an uptick in the market and the next 5 years look extremely promising.

“We are also witnessing a shift in demand towards organised, digital brands as people are now more open about having a conversation on designing or redesigning homes online.” Aligned with this, our business is growing exponentially in both India and Singapore and we aim to replicate our playbook, launch new solutions and accelerate our launches across

new markets in APAC, Mena and Australia," Livspace CEO said.

"We are pleased to invest in Livspace, a unique, tech-enabled business with terrific growth potential. Our investment in Livspace extends KKR's long-term commitment to Indian consumers made through our growth technology strategy in India. Anuj and Ramakant have been leaders in evolving the home renovation industry," said Gaurav Trehan, Partner and CEO of KKR India.

PLI Scheme for food processing formulated with US\$ 1.44 billion outlay, says Centre: IBEF

Minister of State for Food Processing Industries and Jal Shakti Mr. Prahlad Singh Patel mentioned that the Ministry of Food Processing Industries has established the Production Linked Incentive (PLI) programme for the food processing industry with an outlay of Rs. 10,900 crore (US \$ 1.44 billion). The initiative aims to improve India's industrial capabilities while also increasing exports.

The scheme is divided into three parts:

- The first component focuses on encouraging the production of four important food product segments: millet-based foods, processed fruits and vegetables, marine products, and mozzarella cheese.

- The second component is designed to encourage SMEs to develop innovative/organic products in all four food product groups mentioned above, including free-range eggs, chicken meat, and egg products.

- The third component is help for branding and marketing in foreign markets to encourage the development of strong Indian brands.

The scheme instructions were published on May 2, 2021, and the EoI for inviting applications under the scheme was published on May 2, 2021, with the application window closing on June 24, 2021. A total of 60 applications were chosen from Category I, 12 applicants from Category II, and 71 applicants from Category III.

India has added 34% more drone start-ups since new August guidelines: Press Information Bureau

India has seen a surge in drone start-ups since August of last year. According to Tracxn data, the number of drone start-ups in India has surged by 34.4%. While India had 157 drone start-ups in August 2021, there were 211 drone start-ups on February 8th, 2022.

India outperformed both the US and Germany, who saw a 9.7% and 6.7% growth respectively during the same period.

The Government has been working hard to establish an indigenous drone industry in the country. To support local production, the director-general of international commerce announced an immediate ban on the import of drones on February 9, 2022. The government has already stated that made-in-India drones should be preferred in the Drone Rules, which were released in August 2021. This latest announcement only strengthens the government's stance.

The ban comes after the government announced a US\$ 15.95 million production-linked incentive scheme for drone manufacturing, with the goal of generating US\$ 664.73 million in investment and 10,000 jobs in the sector.

The number of settlements in a week has increased by 200, thereby bringing down the credit and settlement risks in the ecosystem," he added.

India's tech spending to grow 8.7% in 2022, highest in Asia-Pacific: Business Standard

The tech spending in India is likely to grow 8.7 per cent in 2022, one of the highest growth rates in the Asia Pacific region, according to a new report. Although the second wave of Covid-19 dampened the pace of India's recovery in early 2021, economic activity picked up in the second half of the year thanks to a sharp drop in case numbers and progress made on vaccination.

"That said, energy shortages, rising inflation concerns, and a possible resurgence of Covid-19 could make its recovery a bumpy one," said the Forrester report.

After cutting hardware spending in 2020, Indian tech leaders will spend 7 per cent more on it in 2021. Communication equipment also saw strong 6.9 per cent growth as telcos expanded their investment in and trials of 5G.

"Software was the only spending category that did not take a significant blow during the 2020 contraction, and we expected its growth to jump to nearly 15 per cent in 2021," the report showed.

Following 2021's spending spree, growth in hardware and communication equipment will dip from 6 per cent or 7 per cent in 2021 to 4 per cent or 5 per cent in 2022. "We expect demand to be high in infrastructure modernisation, business process automation, and tech strategy consulting services. We also expect Indian firms to seek the help of third-party IT service providers to set up agile development, DevOps, or continuous integration and delivery capabilities," the report noted.

TVS Motor Acquires Majority Stake in Swiss E-Mobility Group AG For \$100 Million: News 18

TVS Motor Company acquired a 75 per cent stake in Switzerland's largest e-bike player, Swiss E-Mobility Group AG (SEMG), for USD 100 million. The acquisition reaffirms the company's commitment to expanding operations in Europe through a portfolio of premium and technology leading brands, including Norton Motorcycles and EGO Movement, which were recently acquired.

The acquisition has been made in an all-cash deal through TVS Motor (Singapore) Pte Ltd. "Today, the company has acquired SEMG, the leading e-bike company in Switzerland, with a revenue of over 70 million francs last year at a valuation of about USD 100 million," TVS Motor Company Joint Managing Director Sudarshan Venu told reporters in an online press conference.

The company is looking to buy the remaining stake in the company as well in the future, he added. "This acquisition furthers TVS Motor's commitment towards e-personal mobility products. We are strengthening our presence in the rapidly growing e-bikes segment," Venu noted.

"TVS Motor has always been committed to sustainability and has been investing in electric vehicles for over 10 years. "The increasing global focus on the environment and personal well-being is rapidly accelerating demand for newer mobility solutions, and TVS Motor is investing to drive this

change," TVS Motor Company Chairman Venu Srinivasan stated.

The strategy of having a global leader like TVS as a majority shareholder not only offers untapped potential in quality assurance and procurement in the global supply chain but also lays the foundation for future expansion of the group beyond national borders, Constellation Capital Rainer founder and Managing Partner Frohlich stated.

9-km-long Atal Tunnel an engineering marvel: Hindustan Times

The nine-kilometre-long Atal Tunnel, running across the 13,050-ft high Rohtang pass, on the Manali-Leh axis is the highest motorable highway tunnel in the world.

An engineering marvel, it took 10 years for the Indian Army's elite road construction agency, Border Roads Organisation, to complete the tunnel, constructed at an estimated cost of ~ 440 million USD. The construction contract of the tunnel was awarded to Strabag-Afcons, a joint venture between India-based Afcons Infrastructure and Austria's Strabag.

The 9.02-km long tunnel, shaped like a horse shoe, is the longest highway tunnel in the world and connects Manali to Lahaul-Spiti valley throughout the year. Earlier, the valley used to be cut off for about six months every year due to

heavy snowfall.

The tunnel has consumed 12,252 metric tonnes of steel, 1,69,426 metric tonnes of cement and 1,01,336 metric tonnes of concrete, and excavated 5,05,264 metric tonnes of soil and rocks by adopting the latest Austrian tunneling method for construction.

Built with ultra-modern specifications in the Pir Panjal range of Himalayas at an altitude of 3,000-metres (10,000-feet) from the Mean Sea Level (MSL), the Atal Tunnel is located at a distance of 25 km from Manali and at an altitude of 3,060-metres, while the north portal (NP) of the tunnel is located near Teling village, Sissu, in Lahaul Valley at an altitude of 3,071 metres.

It is extremely significant from the defence point of view. The BRO worked relentlessly to overcome major geological, terrain and weather challenges that included the most difficult stretch of the 587-metre Seri Nalah Fault Zone.

More than 3,000 workers, along with engineers, from Bihar, Jharkhandh and Nepal worked overtime to complete the tunnel. The breakthrough from both ends was achieved on October 15, 2017. The tunnel provides a telephone facility at every 150 meter of its stretch, a fire hydrant every 60 meter, emergency exits every 500 meter, turning cavern every 2.2km, air quality monitors every 1 km, broadcasting system and automatic incident detection system with CCTV cameras every 250 meter.



Source: Strabag AG

Tech Mahindra acquires European firm Com Tec Co IT for 310 mn Euro: Business Today

Tech Mahindra announced 100 per cent acquisition of Com Tec Co IT Ltd (CTC) for 310 million Euro, a deal which includes earnouts and synergy-linked payouts. In addition, the company has also acquired 25 per cent stake in two IT platforms, which are part of the same founding group as CTC, for 20 million euros.

The acquisition will enable Tech Mahindra to tap onto the potential industry disruption in the Insurance sector, expand its offerings to high-end digital engineering services for some of the largest insurance, re-insurance and financial services organisations globally and scale its nearshore delivery presence, the company said in a statement.

Mastek accelerates its expansion in Europe and open a nearshore center in Romania: HRNXT

Mastek, a global digital engineering & cloud transformation specialist, has announced the opening of its new office in București, Romania under the name of Evolutionary Systems B.V. Amsterdam – Sucursala București.

Mastek's move to this new location will support the organization's efforts to ensure success for its clients, employees, and society as a whole, the statement said.

With more than 30 universities and IT talent

pool in excess of 0.17 million, the Romania center will play a significant role in expanding Mastek's strategic growth plans in Continental Europe markets.. The new office location will also serve as a hub for our Oracle business' nearshore and offshore developments in the EMEA regions, the company adds.

Mastek's new office located at the Impact Hub Equilibrium Building, Floor 1&2, Strada Gara Herăstrău Nr. 2, București 020334, Romania, is all set to offer complete new-age technological support and cloud expertise to European clients citing growth in the digital domain. Romanian universities are also known for collaborating with various IT industries. Mastek further has plans to recruit skilled talent into their new office including cloud experts, business analysts, & digital consultants, the company notes.

India's Essar, Progressive Energy to set up \$1.3 bln hydrogen hub in UK: Reuters

India's Essar Group has formed a joint venture with the United Kingdom's Progressive Energy to invest 1 billion pounds (\$1.34 billion) in building a hydrogen manufacturing unit at its Essar Stanlow refinery complex.

The joint venture, Vertex Hydrogen, will produce 1 gigawatt (GW) of hydrogen per year from two units from 2026, Essar said in a statement.

Essar, which owns 90% of the venture, said companies such as Tata Chemicals (TTCH.NS), Encirc, InterGen, Solvay (SOLB.BR), Ingevity, Novelis, Glass Futures and Saica Paper have already expressed interest in procuring hydrogen from Vertex.

The UK aims to replace up to a fifth of natural gas with "green" hydrogen, and use "blue" hydrogen, produced from natural

gas and steam. Unlike green hydrogen, blue hydrogen is not emissions-free, but the carbon emissions are captured, stored and used in other applications.

BYJU'S Acquires Austrian Company GeoGebra; Aims To Make Math Learning Even More Visual And Interactive: Business Wire

BYJU'S, a homegrown Indian Edtech Company with 115 million students on its learning platform, has announced the acquisition of Austria-headquartered GeoGebra. The Austrian company has a dynamic, interactive and collaborative mathematics learning tool.

This acquisition complements BYJU'S overall product strategy and integrates GeoGebra's capabilities to enable the creation of new product offerings and learning formats to its existing mathematics portfolio. It furthers BYJU'S aim to make math more engaging, leading to better learning outcomes.

L&T signs MoU with HydrogenPro for manufacturing Hydrogen Electrolysers in India: L&T

Larsen & Toubro (L&T), an Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services, announced it has entered a Memorandum of Understanding (MoU) with HydrogenPro AS (OSE: HYPRO), a Norway-based leading Electrolyser technology and manufacturing company for partnership to tap the emerging Green Hydrogen market.

Under this agreement, L&T and HydrogenPro will jointly work towards setting up of a joint venture in India for Gigawatt-scale manufacturing of Alkaline Water Electrolysers based on HydrogenPro technology for Indian market and other select geographies.

Economic Diplomacy



The Government of India's Ministry of External Affairs (MEA) launched a website on Economic diplomacy. The website showcases India's economic, sectoral, and State-wise strengths that make for an attractive economic partnership. It aims to provide critical and relevant information on major economic indicators, central and state government policy updates as well as the latest business news and trade data. For more information kindly visit: <http://indbiz.gov.in/>

ISTI Portal

**INFORMATION REPOSITORY
OF INDIAN SCIENTIFIC
ECOSYSTEM**

INDIA SCIENCE, TECHNOLOGY & INNOVATION PORTAL

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Funding Opportunities

The ISTI Portal is a single repository of content created in and by the Indian STI ecosystem, with a focus on reaching out to students, researchers, scholars, and scientists from India and beyond to assist them in finding fellowships, scholarships, funding, and startup opportunities in India.

The portal is on track to become a user-friendly resource for users seeking information about the Indian STI Ecosystem. The portal contains repositories of ongoing and recently completed research projects, technologies developed, innovations, funding opportunities, programs and schemes, scholarships and fellowships, organizations, and so on, as well as information about those conducting the research, those funding it, international collaborations, and the scientists involved, as well as the states in which they are being carried out, and their impending completion.

Furthermore, the portal provides a platform for scientists and researchers to pool their knowledge and skills for research, technology, and innovation, as well as for science ministries, science-related line ministries, policymakers, technology storehouses, translation, technology transfer, and escalation.

www.indiascienceandtechnology.gov.in



Renewable Energy

Indian renewable energy sector is the fourth most attractive renewable energy market in the world. India was ranked fourth in wind power, fifth in solar power and fourth in renewable power installed capacity, as of 2020.

Installed renewable power generation capacity has gained pace over the past few years, posting a CAGR of 17.33% between FY16-20. With the increased support of Government and improved economics, the sector has become attractive from investors perspective. As India looks to meet its energy demand on its own, which is expected to reach 15,820 TWh by 2040, renewable energy is set to play an important role. The government is aiming to achieve 227 GW of renewable energy capacity (including 114 GW of solar capacity addition and 67 GW of wind power capacity) by 2022, more than its 175 GW target as per the Paris Agreement. The government plans to establish renewable energy capacity of 523 GW (including 73 GW from Hydro) by 2030.

Market Size:

As of October 2021, India's renewable energy capacity stood at 1.49 GW representing ~38.27% of the overall installed power capacity and providing a great opportunity for the expansion of green data centres. In October 2021, India's renewable energy capacity increased by 1,522.35 MW (megawatt).

As of September 2021, India had 101.53 GW of renewable energy capacity and represents ~38% of the overall installed power capacity. The country is targeting about 450 Gigawatt (GW) of installed renewable energy capacity by 2030 – about 280 GW (over 60%) is expected from solar. As of September 2021, India had 101.53 GW of renewable energy

capacity and represents ~38% of the overall installed power capacity. By December 2019, 15,100 megawatts (MW) of wind power projects were issued, of which, projects of 12,162.50 MW capacity have already been awarded. Power generation from renewable energy sources in India reached 127.01 billion units (BU) in FY20.

With a potential capacity of 363 GW and with policies focused on the renewable energy sector, Northern India is expected to become the hub for renewable energy in India.

Latest Developments:

According to the data released by Department for Promotion of Industry and Internal Trade (DPIIT), FDI inflow in the Indian non-conventional energy sector stood at US\$ 10.28 billion between April 2000 and June 2021. More than US\$ 42 billion has been invested in India's renewable energy sector since 2014. New investment in clean energy in the country reached US\$ 11.1 billion in 2018. According to the analytics firm British Business Energy, India ranked 3rd globally in terms of its renewable energy investments and plans in 2020.

- In October 2021, Reliance New Energy Solar Ltd. (RNESL) announced two acquisitions to build more capabilities.

- Both acquisitions – REC Solar Holdings AS (REC Group), a Norway-based firm, and Sterling & Wilson Solar, based in India – exceeded US\$ 1 billion and are expected to contribute to Reliance's target of achieving the capacity of 100 GW of solar energy at Jamnagar by 2030.

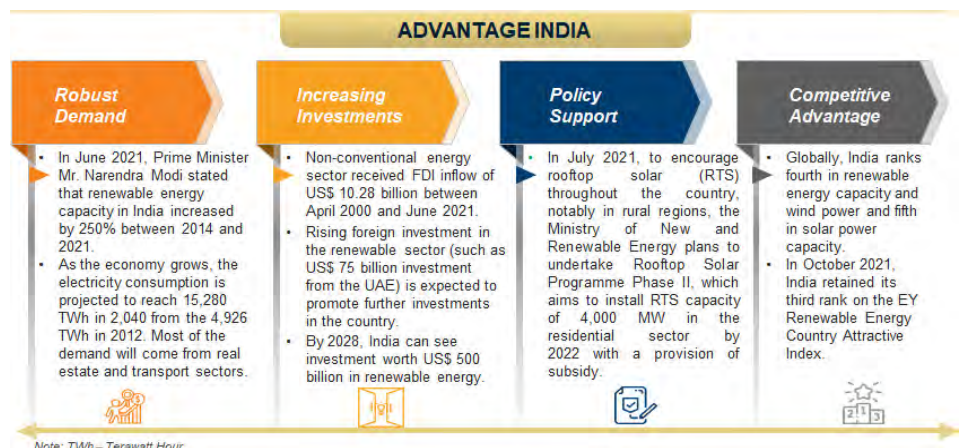
- In August 2021, Copenhagen Infrastructure Partners (CIP) signed an investment agreement with Amp Energy India Private Limited to facilitate joint equity investments of >US\$ 200 million across Indian renewable energy projects.

- In July 2021, National Thermal Power Corporation Renewable Energy Ltd. (NTPC REL), NTPC's fully owned subsidiary, sent out a tender to domestic manufacturers to build India's first green hydrogen fueling station in Leh, Ladakh.

- In June 2021, Suzlon secured a contract for 252 MW wind power project from CLP India. The project is expected to be commissioned in 2022.

- In May 2021, Virescent Infrastructure, a renewable energy platform, acquired 76% of India's solar asset portfolio of Singapore-based Sindicatum Renewable Energy Company Pte Ltd.

- In April 2021, GE Power India's approved the acquisition of 50% stake in NTPC GE Power Services Pvt. Ltd. for US\$ 0.96 million.



States and Union Territories (UT) of India

INDIA DIGITAL MAP



Indian Film Festival Vienna 2022

Embassy of India , Vienna presents

IFFV 2022
Indian Film Festival Vienna
Back To The Cinemas

Dates:
08th March: Mehrunisa (Opening Film)
09th March: Rang De Basanti
10th March: No One Killed Jessica
11th March: 3 Idiots
12th March: Chennai Express
13th March: Mary Kom

Location : Stadtkino & Topkino , Vienna
For details and registration please visit IFFV.IN

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Location:

**Embassy of India
Kärntner Ring 2,
Cultural hall, 1st Floor
1010, Vienna.**

Timing:

**09:00 - 13:00 hrs
13:30 - 16:00 hrs**

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In case your company is interested in visiting a tradeshow/B2B event in India, be it one listed here or another one that came to your attention, get in contact with us via comm1.vienna@mea.gov.in to get more information about possible assistance/subsidies.



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Dadra & Nagar Haveli

The Union Territory of Dadra and Nagar Haveli lies near the western coast of India and consists of two separate parts. Of these, Dadra is surrounded by the state of Gujarat, and Nagar Haveli lies on the border of Maharashtra and Gujarat. The territory has hilly terrain especially towards the north-east and east where it is surrounded by ranges of Sahyadri Mountains (Western Hills). River Daman Ganga and its three tributaries cut across this territory. The most prominent tribes are Dhodia, Kokna and Varli, with small groups of Koli, Kathodi, Naika and Dubla scattered across the territory.

On 11 August 1961, it became a part of the India and was announced to be a Union Territory. As it shares borders with both Gujarat and Maharashtra, the languages spoken here are Gujarati, Hindi, Marathi, Konkani, Bhilodi and Bhili.

Places to Visit:

Tribal Museum

Silvassa has been ruled by various empires throughout its history, yet it has kept the tribal culture and customs alive in its core. Warli (or Varli), Dhodia, and Kokna are three important tribes distributed across the region. The government has erected a tiny museum in the centre of town, next to the major tourism office, to house the heritage of the union territory's various ethnic cultures. This is more than a museum; it is an anthropological center dedicated to the origins of many tribes in the region, how they have lived their lives, and how they have responded to changes in development.



Dudhni Lake

The vast and picturesque Dudhni lake is nestled among Silvassa's beautiful environment of little villages, twisting rivers, gorgeous waterfalls, and areas of towering green trees. The magnificent Dudhni lake is about 40 kilometers from Silvassa and 17 kilometers from Khanvel. The dam water of the Madhuvan reservoir forms this enormous water front, which is bordered by little hillocks.



Vasona Lion Safari

The main attraction, the Vasona Lion Safari Park, is around 10 kilometers from Silvassa. The 20-acre plot belongs to the Dadra and Nagar Haveli Wildlife Sanctuary. Asiatic lions have made the park their home. You can explore the park in vans equipped with net mesh screens and spot lions in their natural habitat.



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Guide for Travellers - Baggage Rules



The Central Board of Indirect Taxes and Customs (erstwhile Central Board of Excise & Customs) launched a mobile app “Indian Customs -Guide to Travellers” for dissemination of information about the Customs Baggage Rule, 2016. The application has been launched to inform traders, exporters and importers about the Customs Baggage Rules 2016. It has been developed by Bengaluru Customs and is available on Android Play store, Apple Store and Windows store.

Guide for Travellers

Indian Customs Traveller Guide

Tap an Option

- Customs Procedure
- Rules applicable for Indian Resident
- Rules applicable for Foreigners
- Import of Special Goods
- Grievance Redressal Portal
- Duty Calculator
- Prohibited Goods
- Related Links
- Contact for Queries/Feedback

COMMITTED TO TRAVELER SERVICES

Guide to travellers APP

Available on the App Store

Available in the Android Market

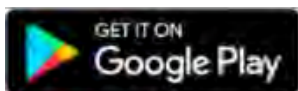
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STUDENTS WELFARE OFFICER

- Mr. Rishi Tripathi, Second Secretary in this Embassy has been designated as Officer to look after welfare of Indian Students in Austria and Montenegro.
- His contact details are: 0043 1 505 866 and ccl.vienna@mea.gov.in

YOGA CLASSES

- The Embassy has started Yoga Classes from 1.07.2021- 4-5pm in multipurpose hall at Embassy of India, Vienna. To register please send an email to our Cultural Wing at culture.vienna@mea.gov.in

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