



# INFRASTRUCTURE NEWSLETTER

**Infrastructure Finance Secretariat**  
Department of Economic Affairs  
Ministry of Finance

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## In – Focus

### “India – Indonesia Economic and Financial Dialogue (EFD)” launched to enhance collaboration between policymakers and financial regulators from both countries

Union Minister of India for Finance and Corporate Affairs, Smt. Nirmala Sitharaman and Minister of Finance, Indonesia, Ms. Sri Mulyani Indrawati jointly announced the launch of India-Indonesia Economic and Financial Dialogue on the sidelines of the 3<sup>rd</sup> G20 Finance Ministers and Central Bank Governors Meeting in Gujarat.

The EFD would provide a platform to strengthen cooperation between India and Indonesia and foster a shared understanding on various global issues.

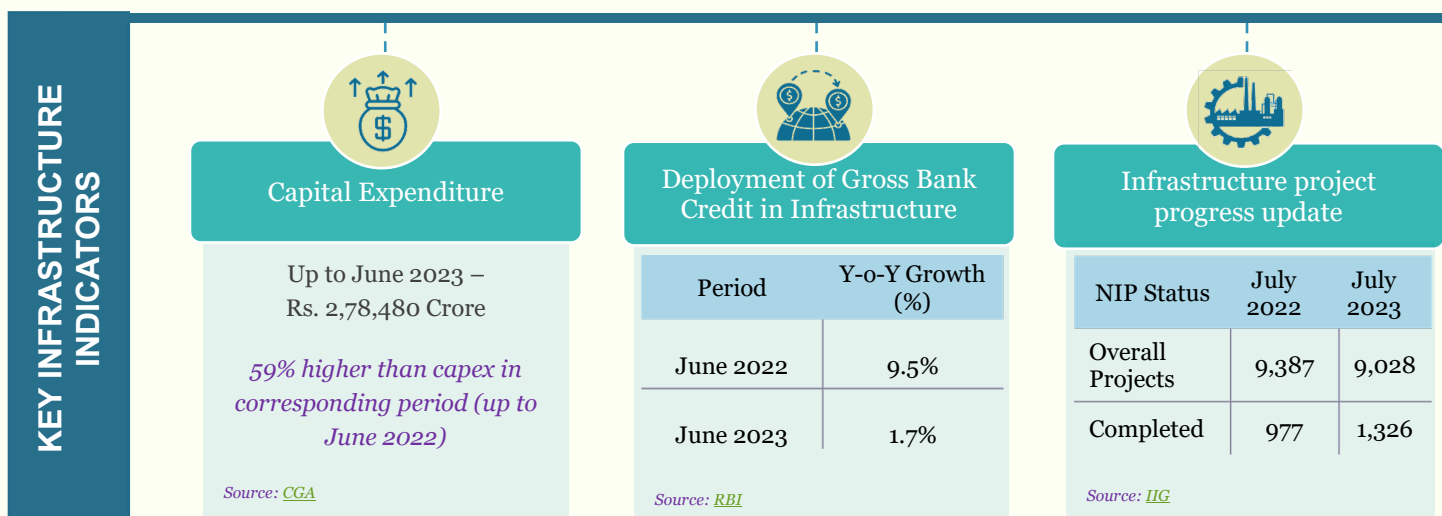
Economic policymakers and financial regulators from both countries will come together for enhanced collaboration of bilateral as well as international economic and financial matters. Thrust areas for the EFD include macroeconomic challenges and global economic prospects, matters related to bilateral investments and strengthen cooperation through multilateral forums such as G20 and ASEAN.



*Ms. Sri Mulyani Indrawati, Minister of Finance, Indonesia, and Smt. Nirmala Sitharaman, Union Minister for Finance and Corporate Affairs announcing the launch of “India – Indonesia Economic and Financial Dialogue” at the 3<sup>rd</sup> FMCBG Meeting in Gandhinagar, Gujarat*

The potential of digital economy was highlighted by both finance ministers while underscoring the need for collaborations in the field of fintech to enhance financial inclusion. India and Indonesia are fast growing economies with many similarities. EFD would offer a promising platform to both countries for mutual learning and policy coordination. The dialogue will open avenues to further economic and financial stability of South and Southeast Asia, and the world at large.

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## INFRASTRUCTURE POLICY ENABLEMENT

### Indian Railways signs MoU with USAID/ India on clean energy and energy efficiency solutions

In June 2023, Indian Railways signed a Memorandum of Understanding with United States Agency for International Development (USAID)/India. The MoU for collaboration on Renewable Energy and Energy Efficiency forms part of the larger goal of the Indian Railways to achieve Net Zero Carbon Emission by 2030.

Through the MoU, USAID/India will provide technical assistance and support to Indian Railways, including the development of long-term energy planning, drafting Energy Efficiency Policy and Action Plan for Indian Railways buildings, promoting e-mobility, bid design and management and capacity building initiatives.

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### MoRTH develops guidelines to enhance Mountainous Road Infrastructure in India in collaboration with JICA

The Ministry of Road Transport & Highways (MoRTH) and Japan International Cooperation Agency (JICA) have collaborated to develop five sets of guidelines to enhance mountainous road infrastructure in India. The guidelines are aimed to design high-quality and sustainable road projects in mountainous regions. It will improve road connectivity and trade, to further economic and social development in these areas.

The five sets of guidelines include (i) Planning of Hilly Roads, (ii) Slope Protection and Embankment with Advanced Technology, (iii) Tunnel on Arterial Roads in Hilly Area, (iv) Mountain Bridge with Advance Technology, and (v) Operation and Maintenance of Mountainous Highways. Previously, from 2016-2021, MoRTH and JICA implemented “Capacity Development Project on Highways in Mountainous Regions”.

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### Foundation Stone laid for Inland Waterways Transport Terminal at Bogibeel in Assam

The Union Minister of Ports, Shipping & Waterways (MoPSW) laid the foundation stone of the Inland Waterways Transport (IWT) Terminal being developed along the banks of Brahmaputra at Bogibeel in Dibrugarh. The IWT Terminal will serve as a tourist-cum-cargo hub and is touted to play a pivotal role in rejuvenating inland waterways transportation in the region, further trade & commerce. The project is estimated to be developed at a cost of ₹46.60 Cr and is slated to be completed by February 2024. IWT terminal is being developed under the aegis of Inland Waterways Authority of India with MoPSW as the nodal agency. It will also improve the connectivity of Assam with states like Arunachal Pradesh and Nagaland.

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### ‘Sagar Samridhhi’ online dredging monitoring system launched to accelerate govt’s ‘Waste to Wealth’ initiative

*Sagar Samridhhi is developed with the aim to enable better productivity, better contract management and effective reuse of dredged material with waste to wealth concept.*

*The system will provide daily and monthly progress visualization, monitor dredger performance and downtime, track location data and provide snapshot of loading, unloading and idle time. The new technology marks improvement in the older Draft & Loading Monitor (DLM) System.*

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### NHPC signs MoU with Energy departments of Odisha & Maharashtra for setting up Pumped Storage and Renewable Energy Projects

*The MoU envisage development of Pumped Storage Projects of capacity 2,000 MW in Odisha and 7,350 MW in Maharashtra. Renewable Energy Projects (including Ground-Mounted Solar Projects / Floating Solar Projects) would also be developed in the two states.*

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### Hon’ble Prime Minister inaugurated the International Exhibition-cum-Convention Centre (IECC) in New Delhi

*The IECC complex, spanning over 123 acres, is India’s largest MICE (Meetings, Incentives, Conferences, and Exhibitions) destination, developed at the cost of Rs 2,700 cr. It ranks among World’s top ten exhibition and convention complexes and comprises state-of-the-art facilities including Convention Centre, Exhibition halls & amphitheater etc. [Read More](#)*

## INFRASTRUCTURE POLICY ENABLEMENT

### Guidelines issued for Resource Adequacy Planning Framework for Power Sector

Union Ministry of Power, in consultation with Central Electricity Authority (CEA) issued guidelines for Resource Adequacy Planning Framework for India's Power sector. The guidelines have been framed under Rule 16 of the Electricity (Amendment) Rules of 2022 to provide guidance to DISCOMs for advance procurement of resources to meet the electricity demand, feasibly and efficiently. The guidelines are touted to introduce major reforms to provide consumers 24x7 reliable power supply at optimized costs.

An institutional mechanism for Resource Adequacy, ranging from National level to DISCOM level, has been outlined to address demand at each stage, including a forward-looking approach towards meeting future demand via new generation capacities, energy storage and other flexible resources. The guidelines suggest that for developing the total capacity required by DISCOMs, long-term contracts should have at least 75% share, while medium term contracts should have 10-20% share, and the rest may be developed through short-term contracts.

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### Cabinet approved Metro Connectivity from HUDA City Centre to Cyber City

The Union Cabinet has approved Metro Connectivity from HUDA City Centre to Cyber City, Gurugram, with a Spur to Dwarka Expressway from Basai Village to provide connectivity to depot. The 28.5 km long stretch will be developed as an elevated corridor, dotted with 27 stations. The corridor will be completed in four years at a total cost of ₹5,452 Cr. The project is being implemented by Haryana Mass Rapid Transport Corporation Limited (HMRTC), a 50:50 Special Purpose Vehicle set up by Government of India and Government of Haryana.

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### NTPC Green Energy Limited (NGEL) and UP Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) ink MoU for development of Renewable Energy Power Parks and Projects

In a bid to facilitate Govt's efforts towards energy transition, NGEL and UPRVUNL signed a Memorandum of Understanding to collaborate and develop Renewable Energy Parks and Projects. The agreement envisages floating and ground-mounted solar projects in water bodies such as Rihand Reservoir or any vacant land, the solarization of Ayodhya City through the development of a dedicated solar PV project and setting up Renewable Energy Parks and Projects on available land parcels.

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### Foundation Stone laid for 10 National Highway projects worth more than Rs 8000 crore in the State of Uttar Pradesh

Union Minister for Road Transport and Highways, Shri Nitin Gadkari laid Foundation stone for 5 NH projects worth Rs 2,200 crore in Pratapgarh region and 5 NH projects worth Rs 6,215 Crore in Deoria Region of Uttar Pradesh.

The projects will encourage industrial investments, create new employment opportunities and enable upliftment of backward areas.

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### Development of Ayodhya Airport to be completed by September 2023

Development work includes extension of the existing runway, an Interim Terminal Building, an ATC Tower, a Fire Station, Car parking, new Apron for parking 03 nos. Code 'C' type aircraft and allied city-side & airside infrastructure.

The Airport is being developed at the cost of approx. Rs 350 crores and would be equipped to manage 300 passengers during peak hours.

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### Implementation of Bahu Balli Cattle Fence along highways to prevent cattle from crossing road

Cattle fence, constructed using bamboo, offers a fully effective and environmentally friendly solution. Moreover, Bamboo treated with creosote oil and coated with HDPE, makes it a stronger alternative to steel.

The Bahu Balli Cattle Fence aims to make all highways sustainable and minimize harm to wildlife and cattle.

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# INITIATIVES BY INFRASTRUCTURE FINANCE SECRETARIAT (IFS)

## IFS participated in 3rd FMCBG & 3rd FCBD meeting under G20 India Presidency



*Hon'ble Finance Minister, Smt. Nirmala Sitharaman & RBI Governor, Shri Shaktikanta Das at FMCBG meeting*

IFS participated in the 'Infrastructure' sessions of the **third Finance Ministers and Central Bank Governors (FMCBG)** meeting & **third Finance and Central Bank Deputies (FCBD)** meeting under the G20 Indian Presidency during 14th-18th July 2023 in Gandhinagar, Gujarat.

The FMCBG meeting was jointly chaired by Hon'ble Minister of Finance and Corporate Affairs, Ms. Nirmala Sitharaman, and Governor, Reserve Bank of India, Mr. Shaktikanta Das. On the infrastructure agenda, members focused on supporting the priority of **'Financing the Cities of Tomorrow,'** encouraging customized policies, alternative financing sources and public-private collaboration for bridging the infrastructure gaps in cities. The G20 FMCBG meeting was preceded by the FCBD meeting, co-chaired by Shri Ajay Seth, Secretary, Department of Economic Affairs, Ministry of Finance, and Dr. Michael D. Patra, Deputy Governor, RBI.

IFS also engaged in the **"Infrastructure Investors' Dialogue** on 'Leveraging Funding and Financing Mechanisms and Approaches for the Cities of Tomorrow' on the sidelines of the meeting.



*Shri Solomon Arokiaraj representing IFS at the G20 OECD Infrastructure Investors Dialogue 2023*

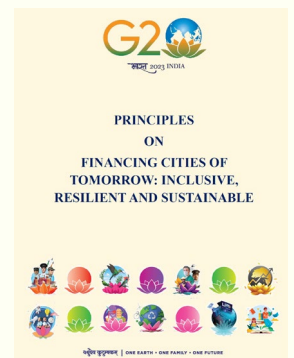
## IFS organized G20 3<sup>rd</sup> IWG meeting at Rishikesh, Uttarakhand



*Shri Solomon Arokiaraj presenting the flagship priority "Principles on Financing Cities of Tomorrow"*

IFS organized the **3rd Infrastructure Working Group (IWG)** meeting under the Finance Track of G20 India Presidency in Rishikesh, Uttarakhand during 26th-28th June 2023. The meeting witnessed in-person participation from G20 member countries, guest countries, and international organizations (IOs), while virtual participation from Canada, China, and Mexico.

During the three-day meeting, the delegates explored strategies to ensure that infrastructure development benefits all segments of society and discussed ways to empower urban administrations to effectively tackle the challenges associated with infrastructure projects. IFS finalized the document on **"Principles on Financing Cities of Tomorrow: Inclusive, Resilient and Sustainable"** by incorporating suggestions and inputs received from member countries and IOs. The document has been endorsed by FMCBG during their 3rd meeting in Gandhinagar.



*Principles on Financing Cities of Tomorrow: Inclusive, Resilient and Sustainable*

## IFS participated in the 9<sup>th</sup> Meeting of Infrastructure Financing and PPP Network of ESCAP

The United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) and AIIB had co-organized the meeting on 12-13 July, 2023 in Beijing, China with the objective to foster investment in sustainable infrastructure development across the Asia and Pacific region by leveraging effective infrastructure financing & PPP mechanisms.

IFS participated in the meeting, virtually and presented the project "Development of 6 Medical College & Hospital in unserved districts of Uttar Pradesh" as one of the sustainable infrastructure projects being implemented in healthcare sector in India.



*Shri Baldeo Purushartha presenting "UP Healthcare Project" at the UNESCAP-AIIB meeting*

# INITIATIVES BY INFRASTRUCTURE FINANCE SECRETARIAT (IFS)

## IFS revamped PPPININDIA website & other linked portals for PPPAC, IIPDF & VGF scheme

In its endeavor to setup an enabling ecosystem for infrastructure development and delivery, IFS recently **revamped its website [www.pppinindia.gov.in](http://www.pppinindia.gov.in)**. The website acts as a **readily accessible repository** of policies, guidelines, and Model Bidding Documents to facilitate the exchange of knowledge and resources.

Applications for appraisal by **PPPAC or approvals under IIPDF & VGF schemes** have been made online. This would significantly reduce processing time & fast-track approval of submitted projects.

The website also hosts **Best Practices Portal** where states and central ministries can upload and showcase successfully implemented projects & processes for mutual knowledge exchange & wider implementation.

## Approved hiring of TA under IIPDF to setup PPP cell in Tripura & project support in Karnataka

The Approval Committee (in its 7th meeting under the chairmanship of Joint Secretary, ISD Division, IFS) granted approval for release of funds under the IIPDF Scheme for hiring of Transaction Advisor (TA) for **setting up of the PPP Cell** in Planning (P&C) Department, **Tripura**. A PMU will be engaged for supporting the PPP cell in all matters related to PPP projects.

In its 8th meeting, the Approval Committee granted approval for hiring TA for **setting up multi horticulture produce handling, storage, processing & preservation cluster** in Haveri district for the State of **Karnataka**. The proposal was submitted by Karnataka State Mango Development and Marketing Corporation Limited (KSMDMCL).

## Capacity Building workshops organized in collaboration with premier institutes

IFS organized total of **8 training programmes in Jun'23 and Jul'23** in collaboration with premier institutes like, IIM Shillong, Raipur, Lucknow, Calcutta, Kozhikode, IIBF & ISB Hyderabad. The 5-day training programs witnessed participation of 260+ senior government officials from various State Governments, UT Administration, Infrastructure Ministries/ Departments, CPSEs and Implementing Agencies. The topics covered include Project Financing and Execution, Mega Projects Management, New Age Project Management, Infra Financing etc.

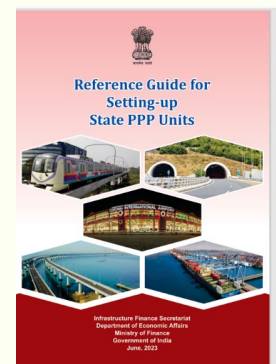
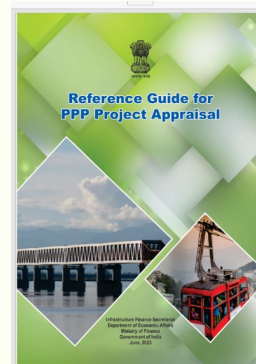


Group photographs of participants from trainings at IIM Shillong, ISB Hyderabad and IIM Raipur

## Knowledge documents released to guide States on development of PPP projects

To facilitate PPP and create a vibrant ecosystem that nurtures partnership and encourages private investments, IFS has been issuing several guidance materials for states and project development authorities. These **knowledge resources including** model bidding documents, reference guides, etc. are made available to states through PPPININDIA portal.

To further strengthen this knowledge repository, IFS has recently launched a **Reference Guide for Setting up of State PPP units** to help States create dedicated units for promoting PPP policy, program, and projects. Further, IFS has also launched a **Reference Guide for PPP Project Appraisal** to help Project Appraisal Authorities (PSAs) undertake quality appraisal of PPP projects.



Reference Guides issued by IFS

## STATE INITIATIVES

### Haryana Government advances development of three MMLPs under Bharatmala Pariyojana

State Govt. of Haryana is setting up three Multi-Modal Logistics Parks (**MMLPs**) through PPP mode under the National Corridors Efficiency Improvement Component of Bharatmala Pariyojana. For this purpose, **two suitable land parcels** have been **identified**-one in **Palwal** district and another in **Ambala** district.

The MMLPs will be **developed** by National Highway Logistics Management Limited (**NHLML**) – (a 100% owned special purpose vehicle of NHAI).

MMLPs would facilitate **seamless intermodal freight movement** by integrating various modes of transportation and will serve as hubs for freight aggregation and distribution, enabling efficient movement of goods across the country. [Read More](#)

### India's first Pod car system being developed by YEIDA in the State of Uttar Pradesh

The envisaged Personal Rapid Transit System (PRTS)-Pod taxi project has been planned to **connect** upcoming **Noida International Airport**, Jewar, with **business and entertainment centers** on Yamuna Expressway. The project would be developed on **PPP (DBFOT) mode** at a total cost of **Rs 640 crore**.

The 14.6 km long Yamuna Expressway corridor of the project would be **India's first and world's longest Pod taxi circuit**. It would open-up **avenues for tourism and industry** by connecting the Airport to industrial clusters like Handicraft Park, MSME Park, Apparel Park & industrial units in Sector 32 & 33. The project would also provide connectivity to the proposed international film city in Sector 21. [Read More](#)

### Case Study

### Dharamshala Skyway – a successful ropeway project implemented on PPP mode



<b>Project Name</b>	Development of 1.7 km long ropeway between Dharamshala to McLeod Ganj through PPP mode
<b>Project Authority</b>	Department of Tourism & Civil Aviation, Himachal Pradesh
<b>Project Structure</b>	Design, Build, Finance, Operate & Transfer (DBFOT)
<b>Concession Period</b>	40 years (including 2 years of construction)
<b>Project Features</b>	Capacity- 600 Peak hour per direction traffic (PHPDT)
<b>Project Cost</b>	Rs. 207 crores

### Project Highlights

Dharamshala skyway is a 1.7 km long ropeway project that connects Dharamshala city to the hill station of McLeod Ganj in Himachal Pradesh, thereby **reducing travel time** between the two places **from 25 mins to 5 mins**. The project comprises 10 towers & 2 stations at Kotwali Bazar, Dharamshala & McLeodganj. Each gondola can comfortably accommodate 8 people and users are allowed carry their luggage inside the gondola.

The ropeway is compliant with stringent European CEN standards and uses **Monocable detachable gondola technology** to ensure seamless experience during the entire journey including boarding/ deboarding. The stations have been **designed to incorporate local ethos** for enhanced customer experience and multiple options have been provided for shopping and F&B at both the stations.

A multilevel car parking facility, which can accommodate 125 vehicles, is available near the McLeod Ganj station. Bookings can be made online through a dedicated portal. The project has **significantly boosted to tourism activities** in the region and helped in reducing traffic during peak season.



The Infrastructure Finance Secretariat (IFS) has been established by the Department of Economic Affairs (DEA), Ministry of Finance with the idea of harmonizing policies and initiatives related to infrastructure financing and development. It plans to leverage the collective strengths of its Infrastructure Policy & Planning (IPP) and Infrastructure Support & Development (ISD) Division with technical assistance from a team of consultants and experts housed at the secretariat. The key goals of IFS are to mobilize private investments, stimulate infrastructure financial reforms, catalyze sectoral reforms work in collaboration with ministries and bridge gaps across implementing agencies through capacity building plans to improve capabilities for efficient and effective infrastructure development.

## Infrastructure Newsletter

### Patrons

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Infrastructure Planning and Policy  
(IPP) Division
- Shri Baldeo Purushartha  
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