

# Daily SARAANSH

# **EU PROPOSED 'NEW STRATEGIC EU-INDIA AGENDA'**

EU has unveiled a New Strategic Agenda with India, focusing on 5 key pillars and aiming to finalize the world's largest FTA by the end of 2025.

### Significance of India-EU Relations

- # Diplomatic Relations: India established ties with the European Economic Community in 1962, upgraded to a Strategic Partnership in 2004.
- **\mathfrak{H}** Trade Partnership: EU is India's 2<sup>nd</sup>-largest trading partner (€120 billion, 11.5% of trade).
- # Strategic Alignment: Shared interests in security, renewable energy, climate action, & multilateralism, with bilateral dialogues on counter-terrorism, cyber security, migration, etc.
- # InfrastructureCooperation:TheIndia-EUTradeandTechnologyCouncil(TTC)fosterscooperationinsemiconductors, Al, clean energy, and digital finance.
- # Global Governance: EU supports India's trade diversification and advocates a rules-based order in forums like G20, WTO & UNSC.

Barriers to India-EU Relations	Way Forward
Stalled FTA Negotiations: Delays due to EU's demand for lower tariffs on automobiles, spirits, and dairy, while India seeks access for pharmaceuticals & IT services; EU's CBAM adds challenges for Indian exporters.	Accelerate FTA and Trade Facilitation: Resolve tariff disputes, fast-track FTA, and attract European investment in India's manufacturing sector.
Investment & Regulatory Barriers: EU's trade regulations and investment protection concerns, highlighted by Switzerland suspending the MFN clause in Double Taxation Avoidance Agreement (DTAA) with India.	Establish a Data-Sharing Framework: Negotiate an EU-US Privacy Shield and implement mutual recognition frameworks to reduce compliance costs.
Foreign Policy Divergences: India's ties with Russia, including military exercises & oil purchases, conflict with EU's stance on sanctions.	Green Technology Partnerships: Enhance cooperation in renewable energy, green hydrogen, electric vehicles, and carbon-neutral technologies.
<b>Supply Chain Risks:</b> Dependency on China continues to pose risks to supply chains, exposing both regions to geopolitical tensions and disruptions.	Enhance Security Cooperation: Expand joint naval exercises, cyber defense, and intelligence sharing; align defense strategies (Indo-Pacific) to counter China.

#### 5 Pillars of New Strategic **EU-India Agenda**



#### ☐ Prosperity & Innovation

Focuses on economic growth and technological advancement.



#### Security & Defence

Enhances cooperation in security and defence sectors.



#### Connectivity & Global Issues

Promotes global connectivity and multilateral engagement.



#### People-to-People

Facilitates cultural exchange and mobility between people.



#### Enablers

Supports coordination and strategic planning for effective implementation.

# STUBBLE BURNING IN INDIA

To tackle Delhi's pollution, the SC directed Punjab, Haryana & UP to fill State Pollution Control Board vacancies in 3 **months** and urged the Union Govt to penalize stubble burning.

#### Stubble Burning

- # The practice of burning leftover straw after harvesting crops like paddy & wheat, b/w late Sept and early Nov.
- **Reasons:** 
  - Mono-Cropping: MSP system favors wheat & rice, which leads farmers to burn crop residues to prepare fields quickly.
  - Cost-Effectiveness: Cheaper than other disposal methods like shredders or balers.
  - Weed Management: Fire eliminates weeds & seeds, reducing herbicide use.

- **Limited Options:** Lack of infrastructure & awareness of alternatives like composting or bioenergy.
- ❖ Climate Impact: Erratic monsoons & rising temperatures delay harvests, pushing farmers to burn stubble.
- # Impacts: Releases pollutants (PM10, PM2.5, NOx, methane, CO, VOCs), contributes to GHG emissions, and depletes soil nutrients, moisture & microbes.

# Challenges in Controlling Stubble Burning

- Combine harvesters leave 10-15 cm of stubble, difficult to manage without specialized equipment;
   CHCs lack machinery.
- Unclear definitions of stubble burning, environmental compensation & confusing compliance rules burden farmers.
- Limited subsidies
   for machinery &
   weak frameworks
   for environmental
   compensation funds hinder
   implementation.
- Lack of training on sustainable alternatives leads to reliance on traditional practices.

# **Way Forward**

- Implement crop mapping, build storage, support supply chains, use Microbe Pusa & Happy Seeder; promote short-duration paddy varieties; convert stubble to fodder/manure/biofuel.
- Propose MSP for paddy residue to reduce stubble burning, recommended by Committee on Subordinate Legislation.
- Provide guaranteed prices for stubble, set annual benchmark prices, and ensure returns cover costs.
- Introduce MGNREGAlike programs for stubble harvesting, composting, & reward eco-friendly practices

# **Initiatives to Tackle Stubble Burning**



#### CAQM Framework

Manages crop residue, prohibits burning with compensation.



#### SMAM Sub-Mission

Provides financial aid to farmers for machinery.



#### **Technological Interventions**

Includes Happy Seeder, Pusa Decomposer, Pelletization, Biochar.



#### **Local Initiatives**

Chhattisgarh converts stubble to fertilizer; Punjab has machinery apps.

# KERALA MODEL FOR SUSTAINABLE URBANISATION IN INDIA

Kerala, with urbanization set to exceed 80% by 2050, is the **first** state to establish an Urban Policy Commission (KUPC) with a **25-year roadmap** for sustainable urbanization. Its report offers key lessons on growth, climate resilience, governance & financial empowerment.

India's urban population will reach 600 Mn (40%) by 2036, up from 31% in 2011, with cities driving ~70% of GDP.

#### RECOMMENDATIONS OF THE REPORT

- Use hazard maps (floods, landslides, coastal risks) to prevent disaster-prone development.
- Set up a digital observatory with LiDAR, satellite data & weather sensors for municipalities.
- Introduce green fees for eco-sensitive projects
   & climate insurance for resilience.
- Major cities issue municipal bonds and smaller towns should use pooled bonds for infrastructure funding.
- Create elected city cabinets, expert teams in municipalities
   launch "Jnanashree" for skilled youth in governance.
- Promote strengths of cities (Kochi as FinTech hub); restore wetlands, waterways & heritage zones.
- Establish City Health Councils for migrants, students, etc
- Integrate community experiences (e.g., fisherfolk, street vendors) into urban data for participatory planning.

# Measures Offered by the Kerala Model for Urban Planning

#### **Mnemonic: KERALA**

- **K Knowledge & Community Data**: Blend satellite, sensor data, and citizen inputs for policies reflecting lived realities.
- **E Elected & Specialist Governance:** Shift bureaucratic inertia to elected city cabinets, specialist municipal cells & youth technocrats; set up **time-bound urban commissions**.
- **A Autonomy in Finances**: Equip municipalities with pooled bonds, green fees, and climate insurance for fiscal autonomy.

#### India's Urban Development Initiatives

Atal Mission for Rejuvenation and Urban Transformation (AMRUT)





Pradhan Mantri Awas Yojana (Urban)







PM SVANidhi Scheme





National Urban Livelihood Mission

- # L-Livelihood & Land-sensitive Planning: Promote regional hubs while safeguarding commons, culture, and heritage.
- # A Awareness & Citizen Participation: Strengthen voluntarism, community engagement, and public participation in urban planning.

# **INDIA-AI IMPACT SUMMIT 2026**

MeitY unveiled official logo & flagship initiatives for the India-Al Impact Summit in Feb 2026 (New Delhi), marking the first time a Global South nation will host the event.

- # Initiatives: Al Pitch Fest (UDAAN) for Tier 2 & 3 startups, Global Innovation Challenges (promoting AI solutions for public issues) & Al Expo.
- # Official Logo: Ashoka Chakra symbolizing ethical governance, with neural network flares representing Al's transformative

# **India-Al Impact Summit 2026**

#### **∺ Summit Sutras**

- ❖ People: Al must be inclusive, respecting culture & ensuring accessibility.
- Planet: Al should be resource-efficient, eco-friendly, & align with sustainability goals.
- Progress: Al benefits must be equitable, with open access to data, compute and applications in key sectors.



# MeitY's Eight AI Foundational Model Projects

Avatar AI: Creating AI Avatars for Indian languages Zenteiq: Developing BrahmAI for engineering intelligence, in agriculture, healthcare, and governance.

IIT Bombay Consortium - Bharat Developing multilingual, multimodal models for agriculture, finance, legal, health, & education.

Fractal Analytics Ltd.: Building India's first large reasoning model for structured reasoning, STEM, and medical problem-solving.

**Tech Mahindra Maker's Lab:** Designing a model for Indic languages (Hindi dialects) & AI platform Orion for government apps.

scientific computing, and industrial innovation.

GenLoop: Creating small language models - Yukti (Base), Varta (Instruction), and Kavach (Guard) - to support 22 Indian languages supporting reasoning and content moderation

**Intellihealth:** Proposing a model for EEG analysis to screen neurological disorders and advance brain-computer interface research.

**Shodh AI:** Developing a model for material discovery and AI integration in material sciences.

# **SWACHHATA HI SEVA 2025**

Govt. has launched the Swachhata Hi Seva 2025 campaign, conducting cleanliness drives nationwide.

# Continuing the Swachh Bharat Mission, the 2025 theme "Swachhotsav" blends festive spirit with cleanliness responsibility.

#### Swachh Bharat Mission (SBM)

Launch & Objective: SBM (Grameen) & SBM (U) launched in 2014 to eliminate open defecation & improve sanitation.

#### **SBM-Grameen**

- **Phase I (2014-19):** Achieved 100% sanitation coverage, 10 cr+ household toilets & declared all villages ODF.
- Phase II (2020-25/26): Focus on sustaining ODF, waste management & transforming villages to **ODF Plus Model**

# SBM-U

- **Phase I (2014-21):** Targeted ODF cities & 100% scientific management of municipal solid waste across 4,041 statutory towns
- Phase II / SBM-U 2.0 (2021-26): Aims for "Garbage Free" cities and contributing to SDGs 2030.

