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EU-INDIA CONNECTIVITY PARTNERSHIP

**Illustrative list of cooperation
and project examples**



The following pages present **examples of cooperation** which contributes to the goals of the newly agreed EU-India Connectivity Partnership.

The list is presented in a Team Europe spirit and features cooperation implemented under the leadership of EU institutions, as well as the work of the EIB and EU Member States, their financial institutions and businesses.

The list is not exhaustive,
and is intended only to illustrate the scope of work of the Partnership.



DIGITAL

Key goals:

- *Strengthen digital partnership e.g. via submarine cables and satellite networks*
- *Promote fast and effective roll-out of 5G, with support for rural development, health care and precision agriculture*
- *Improve cross-border payments, including remittances, digitalisation of payments*
- *Protection of personal data and privacy*
- *Satellite-based emergency warning services in the domain of space-based data and technology*



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Project examples:

- **CITIIS** (City Investments to Innovate, Integrate and Sustain) support for implementation of the India Smart Cities Mission [EU, FR]
- Collaboration on Internet of Things for **Smart Cities** (under EU-India cooperation on ICT) – between Centre of Excellence of IIIT Hyderabad and CNRS, INSA and city of Bordeaux [EU, FR]
- Contribution to **Indian governmental toolkit** (policy, technology, economy) for deployment of advanced digital network technologies in India and the region [EU]
- Digital **Investment Forum** [EU]
- EU and Indian **Space Research** organisation collaboration [EU]
- **Varanasi Smart City** Project (EFKON) [AT]
- **Health Sector** Technology cooperation project in **Kochi** (financed by EU and AFD) [FR]

Note: The list is not exhaustive, and is intended only to illustrate the work envisaged under the Partnership.



ENERGY

Key goals:

- *Support for renewable energy, underpinned by modernised and efficient and smart electricity systems*
- *Promotion of energy efficiency and renewables investments, including offshore (and coastal) wind energy*
- *Engaging public and private sector stakeholders to support offshore wind energy deployment*
- *Support for the International Solar Alliance*

Project examples:

- **Eco-Cities** (Mumbai, Bengaluru, Pune, Chennai, Bhubaneswar, including public lighting, waste to energy, rooftop solar) [EU]
- **EIB-IREDA** Renewable Energy & Energy Efficiency Loans [EU]
- **Green Energy Corridors** (7700 km new transmission lines, 165 substations, total project costs €1.7bn) [DE]
- **NEEV II fund** (State Bank of India) receiving €25m EIB equity investment for small businesses including solar PV, onshore wind and small hydropower. [EU, IN]
- **IELECTRIX** (smart grids, co-financed under Horizon 2020, implemented by Enedis). [EU, FR, others]
- India-Denmark **Green Strategic Partnership** (technical cooperation for efficient and sustainable rural water supply) [DK]
- **Rajasthan Solar** (ENEL Green Power) [IT]
- **Regional Centre of Excellence on Offshore Wind Energy** (virtual centre, to gather expertise on offshore wind and use it in India and regionally) [DK]
- **Smart grids** joint research, co-investing €12m for increased storage capacity of mixed energy sources [EU, IN]



TRANSPORT

Key goals:

- *Promote interconnection of transport corridors, including through cooperation on railways*
- *Dialogue on Smart and Sustainable Mobility*
- *Promote economically and ecologically sustainable air transport*
- *Cooperate at ICAO and IMO on greenhouse gas reduction*
- *Identify potential joint investments in port sector, alternative fuels*

Project examples:

- **Atal Tunnel (STRABAG) [AT]; Anji Khad Bridge (Italferr) [IT]**
- **Metros:** Bengaluru (EIB, AFD; Bhopal (EIB); Kanpur (EIB, IT); Lucknow (EIB) Mumbai (DE, IT), Pune (EIB, AFD), Nagpur (DE, AFD) **[EU, DE, FR, IT]**
- **European Commission** blending with EU Member States (e.g. AFD) leveraging €500m. **[EU, FR, others]**
- **India Green Freight** (climate friendly freight traffic) **[DE]**
- **Kochi Integrated Waterways** (water metro, hybrid ferries) **[DE]**
- **Mobilise Your City** (Nagpur, Kochi and Ahmedabad) **[EU, FR, DE]**
- **National Investment and Infrastructure Fund** (India) and Cassa Depositi e Prestiti (CDP) MoU on co-financing major infrastructure projects **[IT]**
- **New Delhi** Meerut Regional Rapid Transit System (STRABAG, Ayesa, Italferr) **[AT, ES, IT]**
- Possible new **air routes** (subject to business interest and/or authorisation) **[AT, BG, CZ, SK]**
- **Railway Wheel Sensors** (Frauscher) **[AT]**
- **Tamil Nadu** Bus Modernization (2700 buses) **[DE]**



PEOPLE-TO-PEOPLE

Key goals:

- *Scientific research and innovation, technology and skills*
- *Capacity building and mobility actions of researchers.*
- *Support for European and Indian innovation ecosystem, targeting SMEs and startups*
- *Promote student and faculty mobility between EU and Indian Higher Education Institutions (HEIs)*
- *Increased Horizon Europe (2021-2027) actions on mobility, networking and connectivity projects for green and digital transition*

Project examples:

- Bulgaria-India Programme for **Science and Technology** Cooperation [BG]
- Bulgaria-India Programme for **Science, Education, and Culture** cooperation [BG]
- **Erasmus+** with over 2800 Indian students and staff coming to Europe and 1400 Europeans to India (2014-2020) [EU]
- **European Research Council** (ERC) grants (IN entities participated 5 times, receiving over €1m) [EU]
- Denmark-India Green Partnership **Research Calls** [DK, IN]
- **Horizon 2020** (IN applicants involved over 1000 times in over 300 eligible proposals; IN entities over 100 participations in over 40 signed grants, receiving €3.1 million, combined with €35.9 million of non-EU budget of Indian beneficiaries) [EU, IN]
- **Marie Skłodowska-Curie Actions** (Over 1700 IN researchers funded, total of 25 participations from 22 different IN organisations) [EU]