



European Business &
Technology Centre

Enabling Europe-India
Collaborations

**Green & Connected Cities -
Shaping the Future of Mobility**

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BEST PRACTICES – EUROPEAN SMART CITIES

What do European cities do?

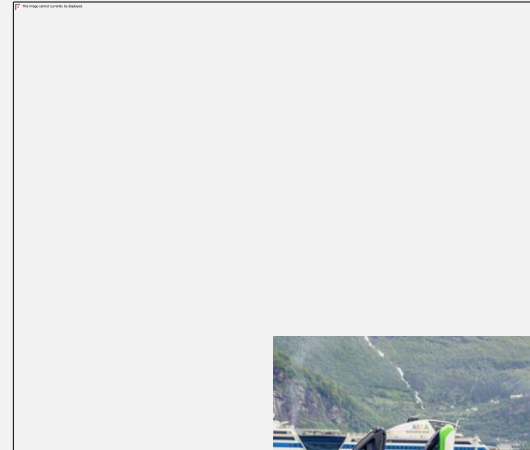
**Create sustainable solutions (Key Drivers:
Energy Efficiency, SDGs, Climate Change)**

Make Cities Livable, at all levels

- Enable higher living standards
- Ensure adaption of greener models

Examples:

Copenhagen, Denmark
Norway: e-vehicle policy



BEST PRACTICES – EUROPEAN SMART CITIES

What do European cities do?

Collaborate in vibrant Smart City communities

- Share and replicate best practices – competitive environment
- Look towards standards – large benefits for funding and maintenance

India/ Transfer of best practices

- International Urban Cooperation (IUC) - City Pairing



The screenshot shows the IUC website with a navigation menu and a list of city pairings. The IUC logo is at the top left, and the navigation menu includes: ABOUT, CITY PAIRINGS, SOLUTIONS, GLOBAL COVENANT, REGIONAL COOPERATION, RESOURCES, NEWS. The city pairings are as follows:

European City	Indian City
LEUVEN	GWALIOR
VILNIUS	KOCHI
RIGA	LUCKNOW
KARLSRUHE	NAGPUR
DUBROVNIK + ŽUPA DUBROVAČKA	PANAJI-GOIA

BEST PRACTICES – EUROPEAN SMART CITIES

What do European cities do?

Identify Patterns – ensures demand driven

- Collect and analyse massive amounts of data
- “datalakes”: combine all types of data, static datasets, geoinformation, real-time data
- Trend towards open source platforms
- Interoperability and Standards
- Engage citizens

Example: Fiware (Foundation)



BEST PRACTICES – EUROPEAN SMART CITIES

DRIVING INITIATIVES - Examples

Europe / EU Initiatives

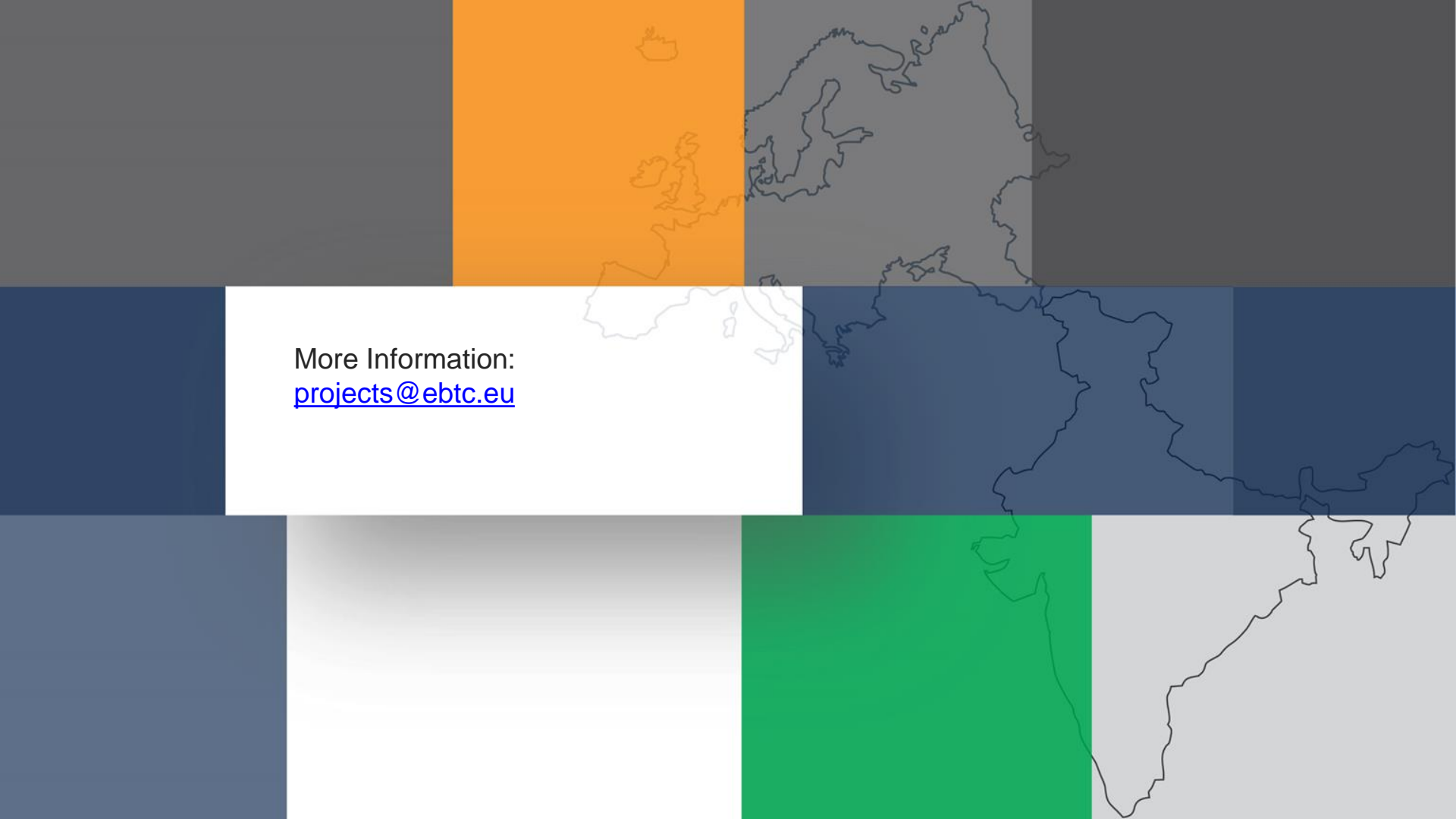
- Matchmaking Platform, Knowledge Hub and E-Mobility Action Cluster by [EIP SCC](#) (European Innovation Partnership on Smart Cities and Communities)
- Smart Specialisation Platform on Energy (S3PEnergy)
- European Union I-Way Project
- Urban Air Mobility (UAM)
- FIWARE

India/ Transfer of best practices

- Smart Republic
- Smart Net
- International Urban Cooperation (IUC) - City Pairing

EBTC: Transferring Best Practices

- EBTC facilitates the sharing of best practices and solutions on smart, futuristic mobility practices from Europe to India in E-mobility, railways, aviation.
- Sustainable integrated solutions .
- EBTC has commissioned the EU-India Smart City Knowledge and Innovation Programme (SCKIP) with Urban Local Bodies (ULB) as partners.
- Europe and India are natural partners and business collaboration is key.

The background features a stylized map of Europe with a white outline. The map is overlaid on a grid of colored rectangular blocks: a grey block at the top left, an orange block at the top center, a dark blue block at the top right, a white block in the middle left containing text, a dark blue block in the middle right, a light blue block at the bottom left, a white block at the bottom center, a green block at the bottom right, and a light grey block at the bottom right corner.

More Information:
projects@ebtc.eu

Electric Vehicles for Smart Cities and Communities (EV4SCC)

- Action Cluster on Sustainable Urban Mobility of the Market Place of the European Innovation Partnership on Smart Cities and Communities (EIP SCC)

Aim

- Showcase innovative electro-mobility solutions.
- Replication of solutions at scale – Smart Urban logistics, Smart electro-mobility solutions, etc



Picture link: <https://www.governmenteuropa.eu/smart-cities-and-electromobility-rise-europe/91533/>

Urban Air Mobility (UAM)

- Objective – Putting urban mobility into the third dimension - the airspace (flying vehicles)
- Central objective -
 - Launching practical demonstration projects by-
 - Matching European Smart Cities with interested stakeholders,
 - Raising financing from corresponding investment funds.



Picture link.: <http://www.eacp-aero.eu/news-details/detail/News/hamburg-joins-eu-urban-air-mobility-initiative.html>

CIVITAS Initiative

- Launched by the European Commission in 2002.
- Tested and implemented over 800 measures and urban transport solutions as part of demonstration projects in more than 80 Living Lab cities Europe-wide.
- Ten thematic areas of the project - *Car-Independent Lifestyles, Clean Fuels & Vehicles, Collective Passenger Transport, Demand Management Strategies, Integrated Planning, Mobility Management, Public Involvement, Safety & Security, Transport Telematics, Urban Freight Logistics.*