

NOTE ON DULT's ACTIVITIES

- The Directorate of Urban Land Transport (DULT), Urban Development Department, Government of Karnataka has been working towards promotion of sustainable urban mobility solutions since its inception.
- The DULT believes in harnessing the power of technology and big data for the planning and implementation of urban mobility projects. It has constituted a vertical for Policy, Research, Innovation and Data with a team of Urban and Transport Planners to foster a research driven, innovation led and data backed approach to decision and policy making on sustainable urban mobility in cities across Karnataka.
- DULT has a history of collaborating with the Academia, Industry and Civil society in its projects. Very recently, the DULT concluded the implementation of its Clear Air Street Initiative on Church Street, Bengaluru in collaboration with the Catapult network funded by Government of UK's - Innovate, UK, and IISC, Bengaluru.
- The objectives of the Clean Air Street testbed were:
 - Testing the concept of pedestrianisation of a predominantly Commercial Street with a sprinkling of residential apartments and analyse its impact on businesses and air quality.
 - Provide platform for electric micro-mobility, air quality and other startups to test their products in real-city environment and get user feedback for improvement.
- As part of the implementation of the testbed, open calls were made to innovators both by Catapult and by DULT.
- A total of 2 Indian startups working on air quality monitoring, 9 Indian startups working on electric micro mobility of various form factors and 2 Indian startups showcasing electric passenger and goods auto rickshaws were chosen jointly by Catapult, UK and DULT to showcase their products on Church Street as part of the Clean Air Street Testbed. Due to the ongoing COVID 19 pandemic, DULT also chose a startup working on AI enabled mask detection to participate and try out their solution on a public street for enforcement of COVID appropriate behaviour.
- DULT provisioned these startups with the necessary approvals and permits to showcase their products on Church Street, as well as promoted them through social media.
- The Quality of life impact of pedestrianisation was measured by the Indian Institute of Science (IISc) as an independent research, commissioned by Catapult as well as DULT. Quantitative data on air quality improvements, public transport ridership, impact on business revenues has been captured through sensors, secondary data analysis etc while qualitative data has been captured through user surveys. Catapult, UK and DULT designed and provided user feedback forms to each of the startups and also provided user feedback analytics to help improve their products.
- The local ULB - Bruhat Bengaluru Mahanagara Palike (BBMP), Bengaluru Traffic Police (BTP) and Karnataka State Pollution Control Board (KSPCB) were some of the partnering departments that facilitated in providing such a pedestrian-only platform to the startups to showcase and test their products.
- DULT is also actively working with startups through its technical groups on Active transport, alternative mobility and mobility data.
- DULT has applied to be a regulatory sand box, and is in the process of putting in place a framework for enhanced engagement with the innovation ecosystem in Karnataka.

PHOTOGRAPHS FROM THE CLEAN AIR STREET TESTBED ON CHURCH STREET



CLEAN AIR STREET TESTBED
INAUGURATION BY **HON'BLE CHIEF
MINISTER OF KARNATAKA**



PIXUATE - STARTUP TESTING AI ENABLED MASK AND TEMPERATURE CHECKING ON CLEAN AIR STREET



ALTIGREEN & TRANSVAHAN - STARTUP TESTING ELECTRIC PASSENGER AND GOODS AUTO RICKSHAWS





