transform nagpur

"Public Transport data gives us the opportunity to look at the city's transport system from the user perspective; that's a game changer"

Sarah Habersack - Project Manager, GIZ

48
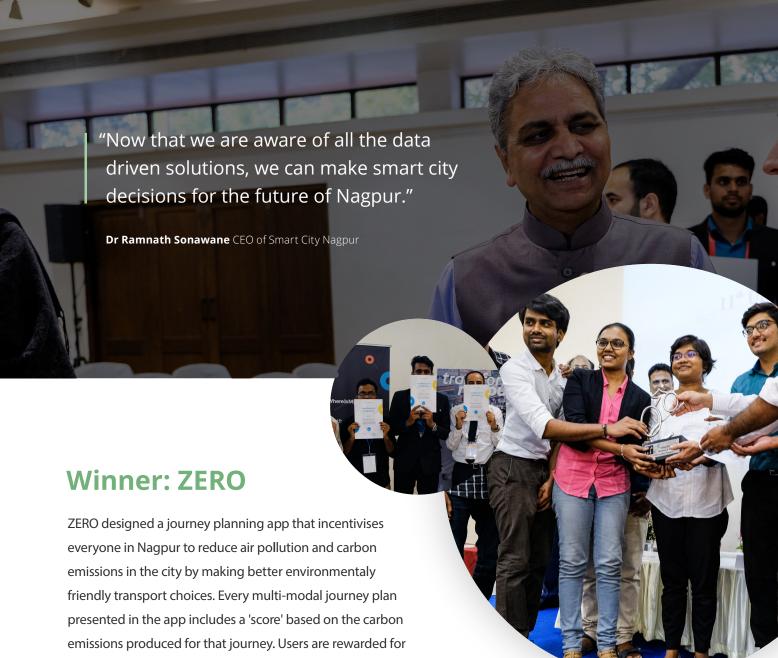Hours

41
Participants

7
Teams

Sponsored by TUMI and TUEWAS, the Hackathon on first and last mile connectivity brought together local developers, transport planners and data scientists to create solutions for real-world mobility challenges in the Indian city of Nagpur. The hackathon took place alongside the Urban Mobility India Conference & Expo allowing participants to interact with import mobility experts. Prior to the event, public transport data was collected by WhereIsMyTransport and local data collectors. The data included both the formal bus and informal auto rickshaw routes throughout Nagpur.

First and last mile mobility

We encouraged participants to solve 'first and last mile' mobility challenges in Nagpur. Using WhereIsMyTransport's integrated mobility data platform, and their own firsthand experience of mobility in Nagpur, our 41 participants developed seven new apps to tackle real-world problems for citizens of the city.

Winner: ZERO

ZERO designed a journey planning app that incentivises everyone in Nagpur to reduce air pollution and carbon emissions in the city by making better environmentaly friendly transport choices. Every multi-modal journey plan presented in the app includes a 'score' based on the carbon emissions produced for that journey. Users are rewarded for choosing 'greener' journeys. The business model includes different reward programmes, including one for corporates that would use their CSR budget to reward employees by subsidising transport costs.

Special Mention: Goodfellas

The judges - including delegates from the Ministry of Housing and Urban Affairs, Nagpur Municipal Corporation and Maha Metro - also commended team Goodfellas who designed and developed a system for communication between transport networks and commuters. The system uses SMS technology, thereby including everyone with a feature phone and/or a smart phone, to push alerts and notifications to commuters in real time so that they can make smarter journey planning decisions.