

TRANSFORM 4 A

DIGITAL INNOVATION CHALLENGE

MG Road
ETA - 2min

F 34 Route

MG Road	11:31 AM
Ashok Pillar	11:35 AM
Airport	11:43 AM

BUS ARRIVALS	ETA
Bus/Destination	ETA
B12 Airport -Parry	2 Minutes
F05	4 Minutes

The wheelchair ramp of bus no. 8564 is not functioning.

We apologise for the inconvenience. Track next scheduled bus [HERE](#).

TAP TO PAY

DIGITAL BUS PASS

SCAN TO PAY

Thank you for your payment of Rs.15 for shared rickshaw ride. We value your feedback.



Location - Pune

VISION

Transport4All challenge looks forward to solving various challenges faced by commuters, drivers and conductors using technology by bringing together the **cities, citizens and start-ups**.

By improving the public transport user experience, citizens would be encouraged to use the public transport.

The solutions will make public transport—formal as well as informal— safe, convenient, and affordable for all.

SOLUTION AREAS

Develop solutions for problems in key areas
(Solutions can attempt to solve problems in multiple areas)

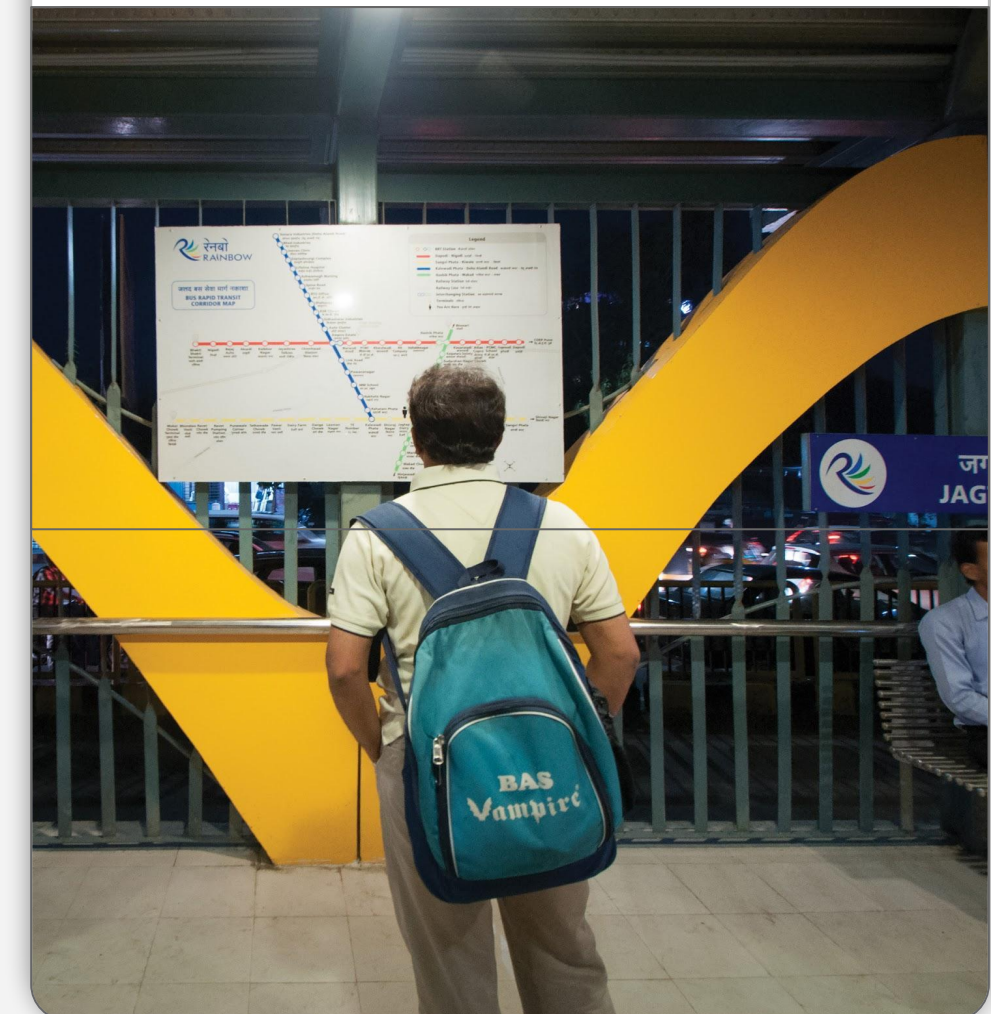
Fare Products & Payment Solutions



Service Planning & Monitoring



Passenger Information & Interaction



** The focus of the first round of the challenge is to develop and pilot solutions in the public transport sector to improve the travel experience of citizens. In future rounds, the challenge shall foster innovations in other areas of urban transport.*

CHALLENGE STAGES



01

PROBLEM IDENTIFICATION

Cities, with the support of NGOs, identify key recurring problems that citizens and public transport operators face



02

SOLUTION GENERATION

Startups develop prototypes of solutions to improve public transport with inputs from cities and NGOs



03

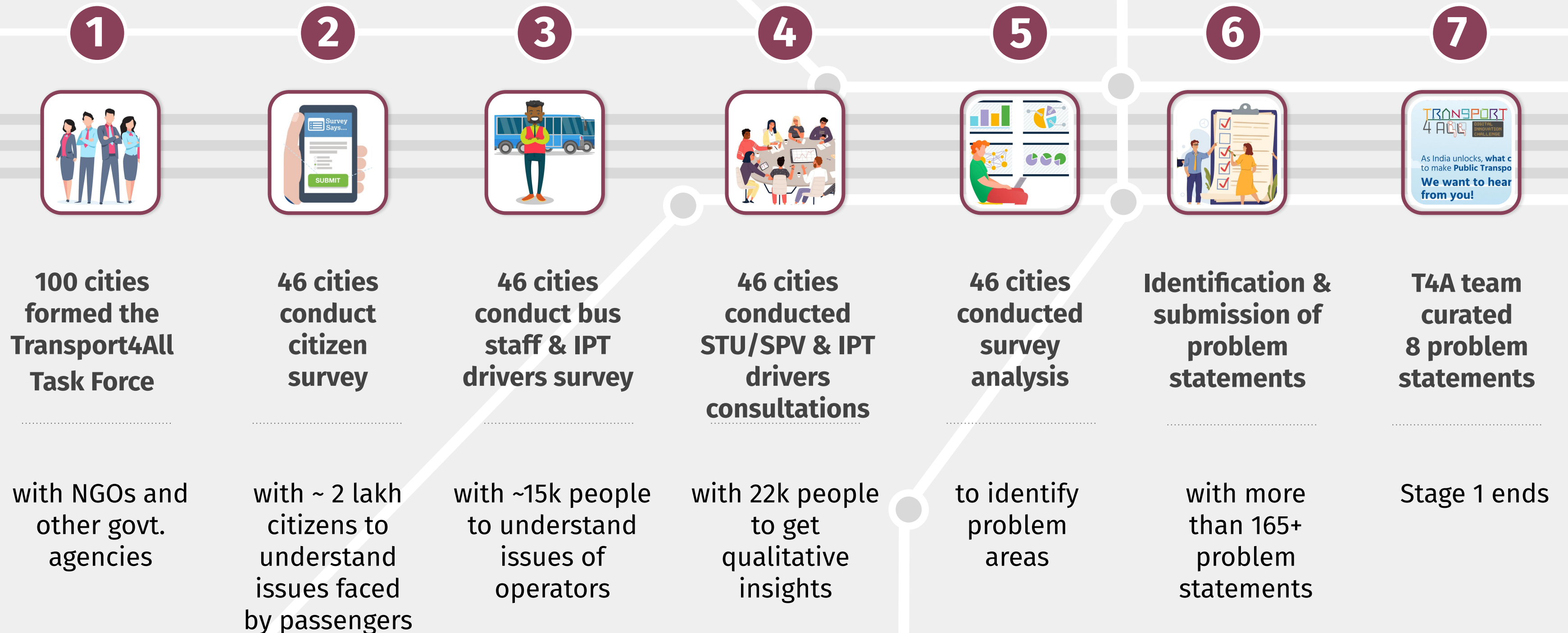
PILOT TESTING

Cities engage startups for large-scale pilots and refine the solutions based on citizen feedback

STAGE 1

Problem Identification

STAGE 1 ROADMAP



STAGE 1

CURATED PROBLEM STATEMENTS

01 Rationalising of Transit Routes and Frequencies

02 Network Digitization

03 Bus and Staff Scheduling

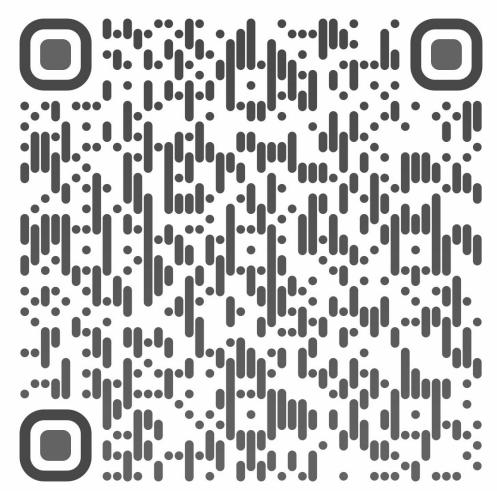
04 Transit Performance Monitoring and Service Optimisation.

05 Passenger Information and Ticketing

06 Passenger Grievance Redressal System

07 Bus Maintenance and Scheduling

08 IPT Aggregator & Monitoring



**SCAN TO DOWNLOAD
THE DETAILS OF THE CURATED
PROBLEM STATEMENTS**

or click this URL:

https://drive.google.com/file/d/1R3IVbcYF5I2AAa6YOreYj6rs3ux_7uo7/view?usp=sharing

46 Champions Cities qualified

Transport4all STAGE 1

Andhra Pradesh

Guntur
Kakinada
Tirupati

Bihar

Bhagalpur
Muzaffarpur
Patna

Chattisgarh

Raipur

Gujarat

Surat
Rajkot

Haryana

Karnal

Himachal Pradesh

Shimla
Dharamshala

Jharkhand

Ranchi

Karnataka

Belagavi
Bengaluru
Davanagere
Gulbarga
Hubbali-Dharwad
Mangaluru
Mysore
Shivamogga
Tumakuru

Kerala

Kochi
Thrissur

Madhya Pradesh

Bhopal
Jabalpur
Sagar
Satna

Maharashtra

Akola
Aurangabad
Kalyan-Dombivali
Malegaon
Meera Bhayandar
Nashik
Pimpri Chinchwad
Pune
Solapur

Odisha

Bhubaneswar

Punjab

Amritsar

Rajasthan

Ajmer
Jaipur
Kota
Udaipur

Tamil Nadu

Salem

Uttar Pradesh

Bareilly

West Bengal

New Town Kolkata

STAGE 2

Solution Generation

STARTUP ELIGIBILITY CRITERIA (AS PER DPIIT)

COMPANY AGE

Period of existence and operations should not be exceeding **10 years** from the Date of Incorporation

COMPANY TYPE

Incorporated as a Private Limited Company, a **Registered Partnership Firm** or a Limited Liability Partnership

ANNUAL TURNOVER

Should have an annual turnover not exceeding **Rs. 100 crore** for any of the financial years since its Incorporation

ORIGINAL ENTITY

Entity should not have been formed by **splitting up or reconstructing** an already existing business

INNOVATIVE & SCALABLE

Should work towards development or improvement of a product, process or service and/ or have **scalable business model** with high potential for creation of wealth & employment

TRANSPORT 4 ALL
DIGITAL INNOVATION CHALLENGE

Timeline

- 10 NOV, 2022 Application Start Date
- 30 NOV, 2022 Application End Date
- 20 DEC, 2022 Application Result Date

STARTUP REGISTRATIONS FOR STAGE 2 ARE OPEN NOW!



Transport4All Challenge

The Transport4All Challenge—an initiative of the Ministry of Housing and Urban Affairs of the Government of India—aims to bring together cities, citizens, and startups to develop solutions that improve public transport to better serve the needs of all citizens.

At the core of the Challenge are citizens who will not only define the problems for which solutions shall be created but also help startups and cities to refine the solutions to meet their needs.

The first edition of the Challenge focuses on digital innovation. Cities and startups will receive guidance to develop and test various solutions, learn from them, and scale them to build people's trust in public transport and enhance their mobility.

The solutions will make public transport—formal as well as informal— safe, convenient, and affordable for all.

Program Details

DETAILED ELIGIBILITY CRITERIA

- Company Age:** Period of existence and operations should not be exceeding 10 years from the Date of Incorporation
 - Company Type:** Incorporated as a Private Limited Company, a Registered Partnership Firm, or a Limited Liability Partnership
 - Annual Turnover:** Should have an annual turnover not exceeding Rs. 100 crores for any of the financial years since its Incorporation
 - Original Entity:** The entity should not have been formed by splitting up or reconstructing an already existing business
 - Innovative & Scalable:** Should work towards the development or improvement of a product, process, or service and/or have a scalable business model with high potential for the..
- [View more..](#)

RELEVANT STAKEHOLDER

- Accelerator
- Incubator
- Individual
- Ideation Stage Startup
- Validation Stage Startup
- Early Traction Startup
- Scaling Stage Startup

RELEVANT INDUSTRY

- Analytics
- Telecommunication & Networking
- AI
- Finance Technology
- Enterprise Software
- Design
- Technology Hardware
- Internet Of Things
- Retail

Scan to register
Or signup via startupindia portal

<https://bit.ly/3EbbScU>

STAGE 2

PROCESS | November '22 - December '22

By 30th Nov'22

Startups register with idea pitches to solve the problems identified.

By 20th Dec'22

A panel of experts by challenge team will **screen the pitches** before startups move to the prototyping stage.

(Offline workshop will be conducted with selected startups and cities before 30th Jan)

By 30th Jan'23

Startups develop and present the solution for evaluation to a jury of experts. They shall receive guidance from a panel of experts constituted by the Challenge team throughout stage 2.

By 15th Feb'23

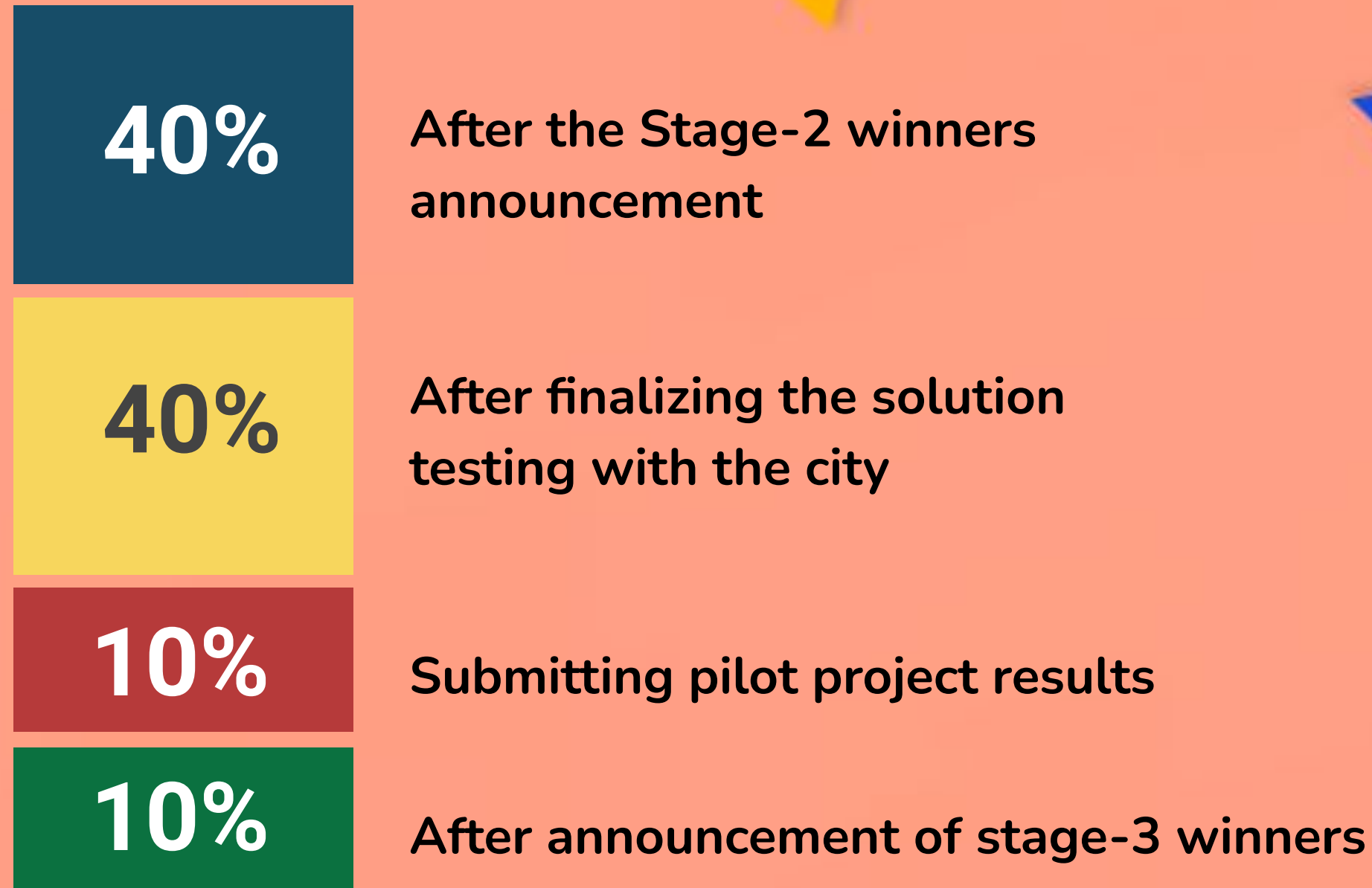
Announcement of upto top 16 winning startups/solutions

A jury consisting of a panel of experts will identify **1-2 winners for each problem statement based on value proposition, product characteristics, product cost, team, feasibility and novelty of the solution.**

Winning startups will receive an award of **upto ₹20 lakhs per solution** (based on the problem statement) from MoHUA and will be eligible to pilot their solutions in interested cities in Stage 3.



REWARD DISBURSAL





Location - Pune

NEED FOR CITIES TO REFORM PROCUREMENT FRAMEWORK

To encourage innovation, cities and states shall:

1. **Adopt Startup SmartProcure Guidelines** for procurement from startups
2. **Share the required data with startups** to ensure the right solution is developed.
3. **Work with the startups** to develop the solution

The Challenge team will provide guidance to cities to reform their procurement framework by sharing guidelines such as the SmartProcure Guidelines issued by Smart Cities Mission and conducting workshops.

STAGE 3

Pilot Testing

STAGE 3

PROCESS | February '23 - May'23

By March '23

Cities procure the services of startups from amongst those with winning solutions in Stage 2 for a **large-scale pilot**.

April - May '23

The startups **pilot their solution at scale in real life conditions for 2 months to evaluate the robustness and efficacy** of the solutions and sharpen them to improve the mobility of citizens.

Cities with the **support of NGOs** will help the startups to pilot the solutions with citizens and refine the solutions.

By 31st May '23

The **Smart Cities Mission and Urban Transport**, with the assistance of the challenge team and a panel of experts, will **review the submissions**.

Startups with successful pilots shall be showcased by MoHUA on City Innovation Exchange (CiX) platform to enable cities to procure their product/services.

TIMELINE

STAGE 1

Identify problems citizens face

Launch of Challenge and registration opens for cities and NGOs:

15th April '21

Cities register by: **15th May '21**

Cities submit problem statements by: **March '22**

Problem statements curated by T4A team: **May '22**

STAGE 2

Develop solutions & prototypes

Startup registrations open: **09th Nov '22**

Startups register with a concept note by: **30th Nov '22**

Announcement of screened startups: **20th Dec '22**

Startups and cities submit prototype testing results and plan of action by: **Jan '23**

Announcement of winners: **Feb '23**

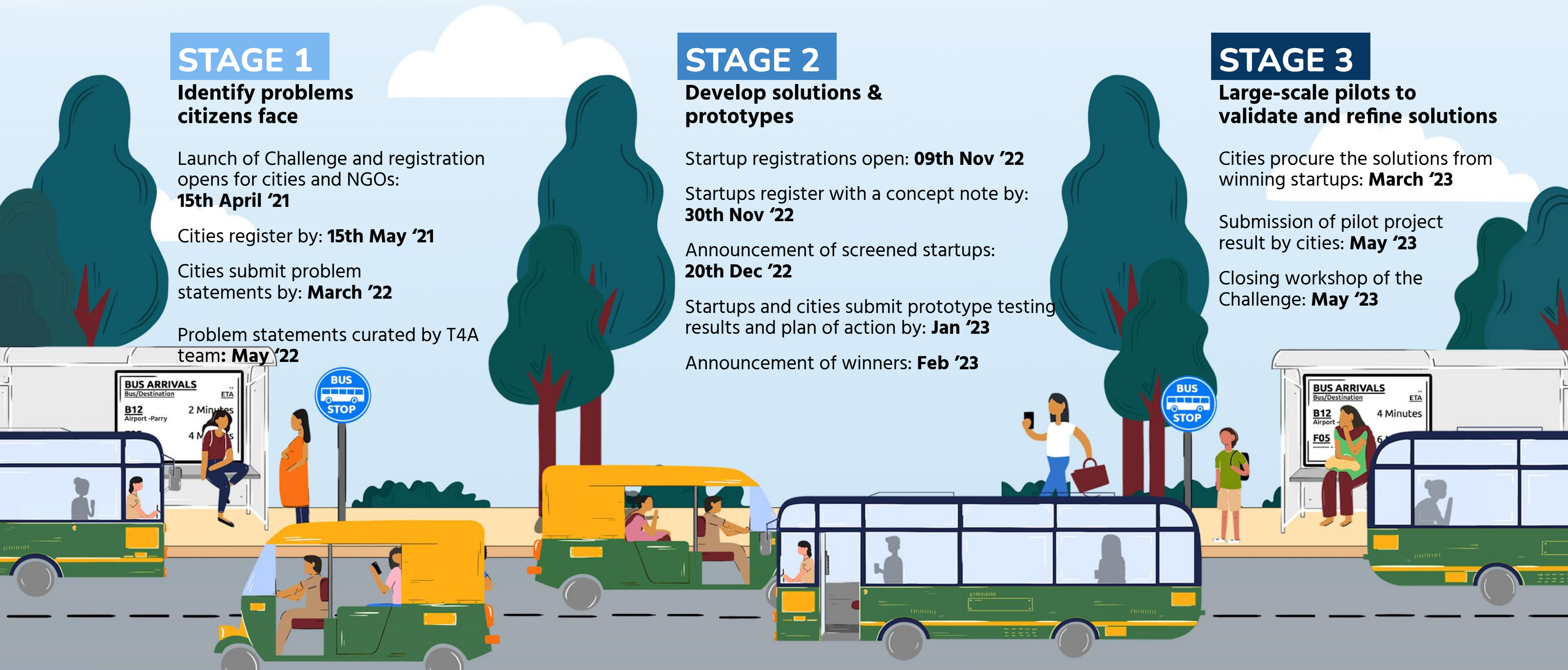
STAGE 3

Large-scale pilots to validate and refine solutions

Cities procure the solutions from winning startups: **March '23**

Submission of pilot project result by cities: **May '23**

Closing workshop of the Challenge: **May '23**



CHALLENGE TEAM

HOST & CONVENOR



Ministry of Housing and Urban Affairs
Government of India



- Host the Challenge
- Encourage cities to participate
- Give awards to startups

CO-HOST & CHALLENGE COORDINATOR



- Facilitate engagement between cities and startups
- Guide cities and NGOs on outreach and citizen engagement
- Support cities in reforming procurement framework
- Organise capacity building workshops
- Conduct Challenge outreach

TECHNOLOGY PLATFORM PARTNERS

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade

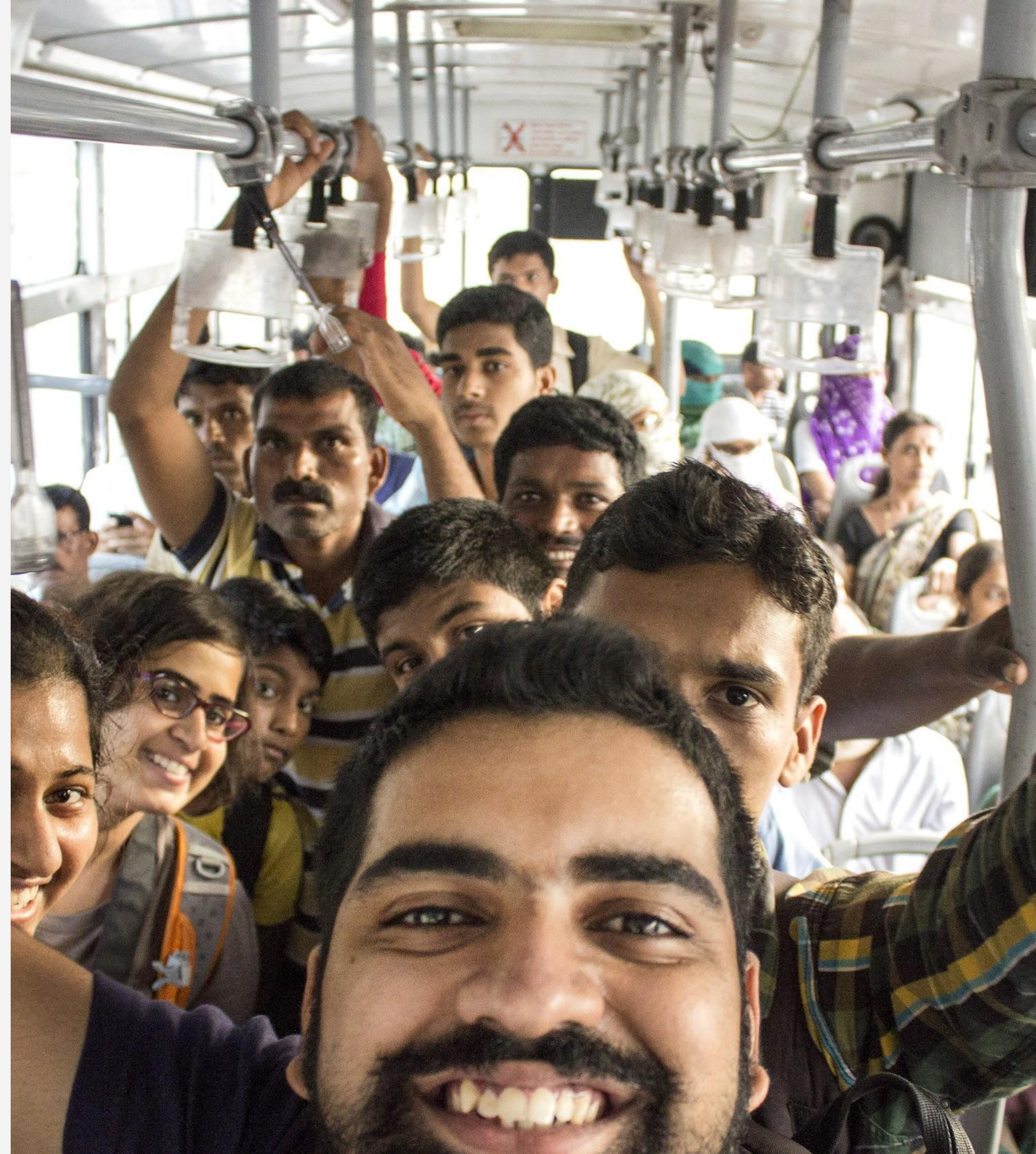


- Engage with Startups
- Assist in evaluating prototypes and solution scale-up
- Provide a platform for startups to engage with a panel of experts

KNOWLEDGE PARTNER



- Bring global technical expertise in digital innovation to provide guidance to startups and cities
- Assist in evaluating prototypes and solution scale-up



For details, visit
www.transport4all.in