



Ministry of Housing and Urban Affairs
Government of India



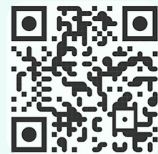
Toddler's walk to the park

design competition

Coimbatore Smart City Limited
Calling proposals from
students and professionals
to redesign intersection, street and
bus-stop at Kumaraswamy Lakefront,
Coimbatore

Reward:
INR 25,000 & an
opportunity to be part of
the on-ground
implementation

APPLY NOW



Scan QR code for more details or visit
<https://coimbatoresmartcity.org/>

Send your proposals on
nccoimbatore@gmail.com





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About the Challenge

Nurturing Neighbourhoods Challenge is a 3- year initiative launched by Ministry of Housing and Urban affairs, in collaboration with Bernard van Leer Foundation with the technical support of WRI India.

It aims to incorporate a focus on early childhood development (0-5-year-old children) in the planning and management by shaping neighbourhoods that work well for pregnant women, young children and their families.

Designing safe, stimulating and playful environment for 0-5-year-old children and their caregivers result in a healthy development of these children and sets a strong foundation for society.

Cities that work for young children and their families...

are cities that work for all





What do you see at the height of 95cm which is the average height of a 3 year old ?

Nurturing Coimbatore

Vision and objectives



Vision to build inclusive streets and public spaces for young children and their caregivers

- Creating **accessible play spaces** for children of all ages and abilities
- **Safe and walkable streets** leading to public spaces
- Connecting **green corridors**

About the competition

What is the Competition?

As part of the Nurturing Neighbourhoods Challenge, Coimbatore has selected RS Puram neighbourhood including Kumaraswamy lake and its premises for developing as a zone which is friendly for young children and caregivers. Inviting ideas for improving accessibility to the park by **redesigning the intersection, street abutting the park and a bus transit stop**

Who can Apply?

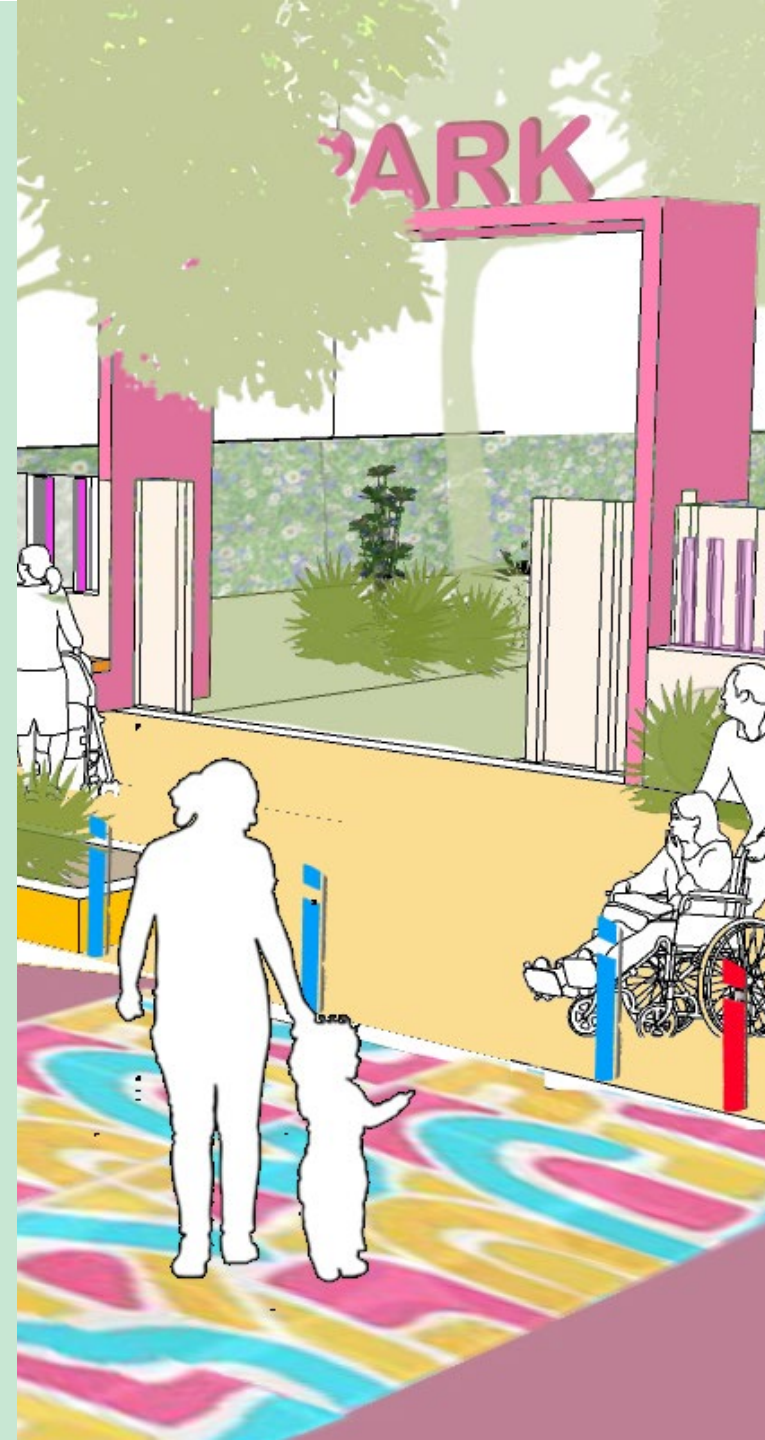
This competition is open for all professionals and students from the architecture, urban design, urban planning and other relevant backgrounds.

How to Apply?

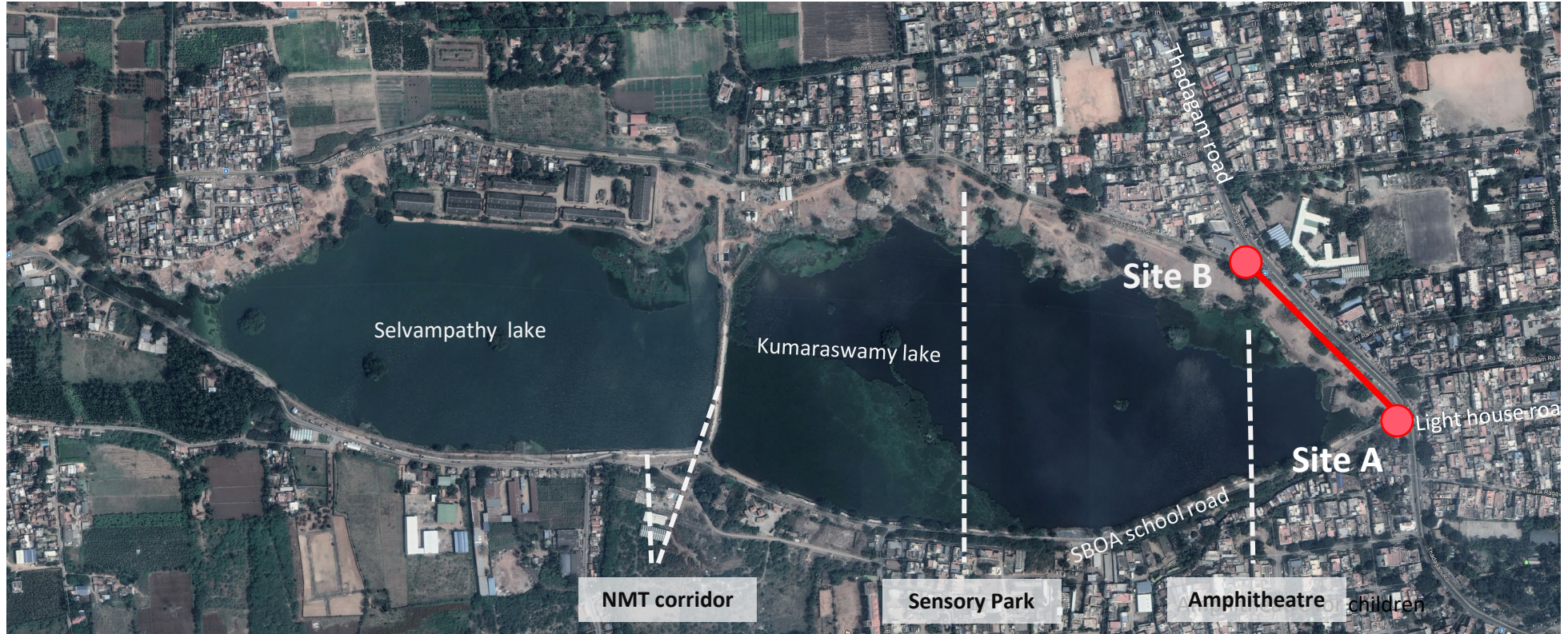
Interested candidates can apply for the competition through official website of the Challenge, <https://smartnet.niua.org/nurturing-neighbourhoods-challenge/web/coimbatore> or [Coimbatore Smart City - Idhu Namma Kovai](#)

Please send the submissions in PDF format on nnccoimbatore@gmail.com

The winning design will be implemented on ground as a part of the challenge, in collaboration with Coimbatore Smart City and Nurturing Neighbourhoods team.



Context



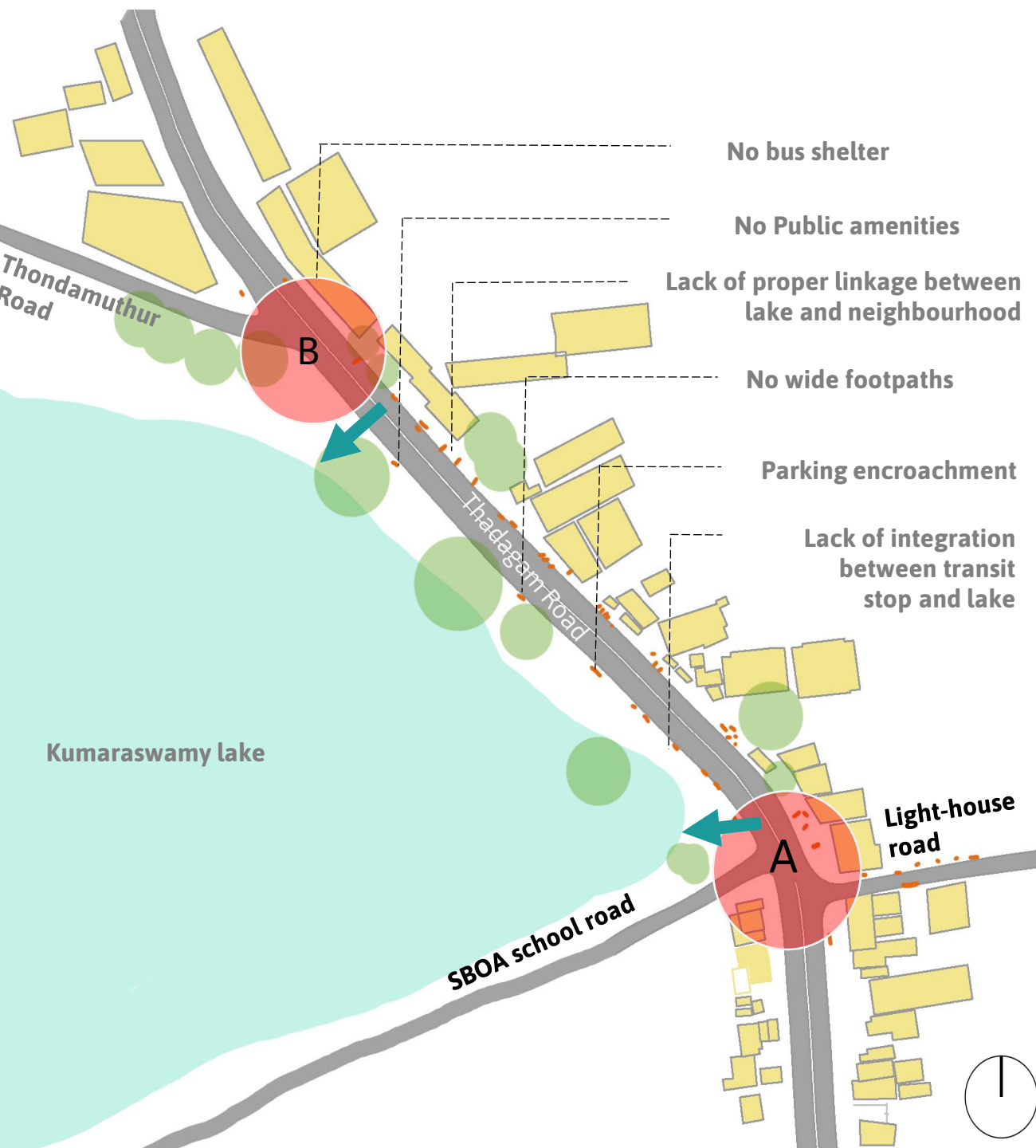
Google map Coordinates: 11.002812940618949, 76.94820441047902

Pilot location

The 4 armed intersection at Kumaraswamy lake where Thadagam Main road is cut across by SBOA school road and Light House road is going to be one of the major intersections in the neighborhood at the outset of upcoming developments in the premises like Amphitheatre and Sensory Park for Children.

Relevance of the project

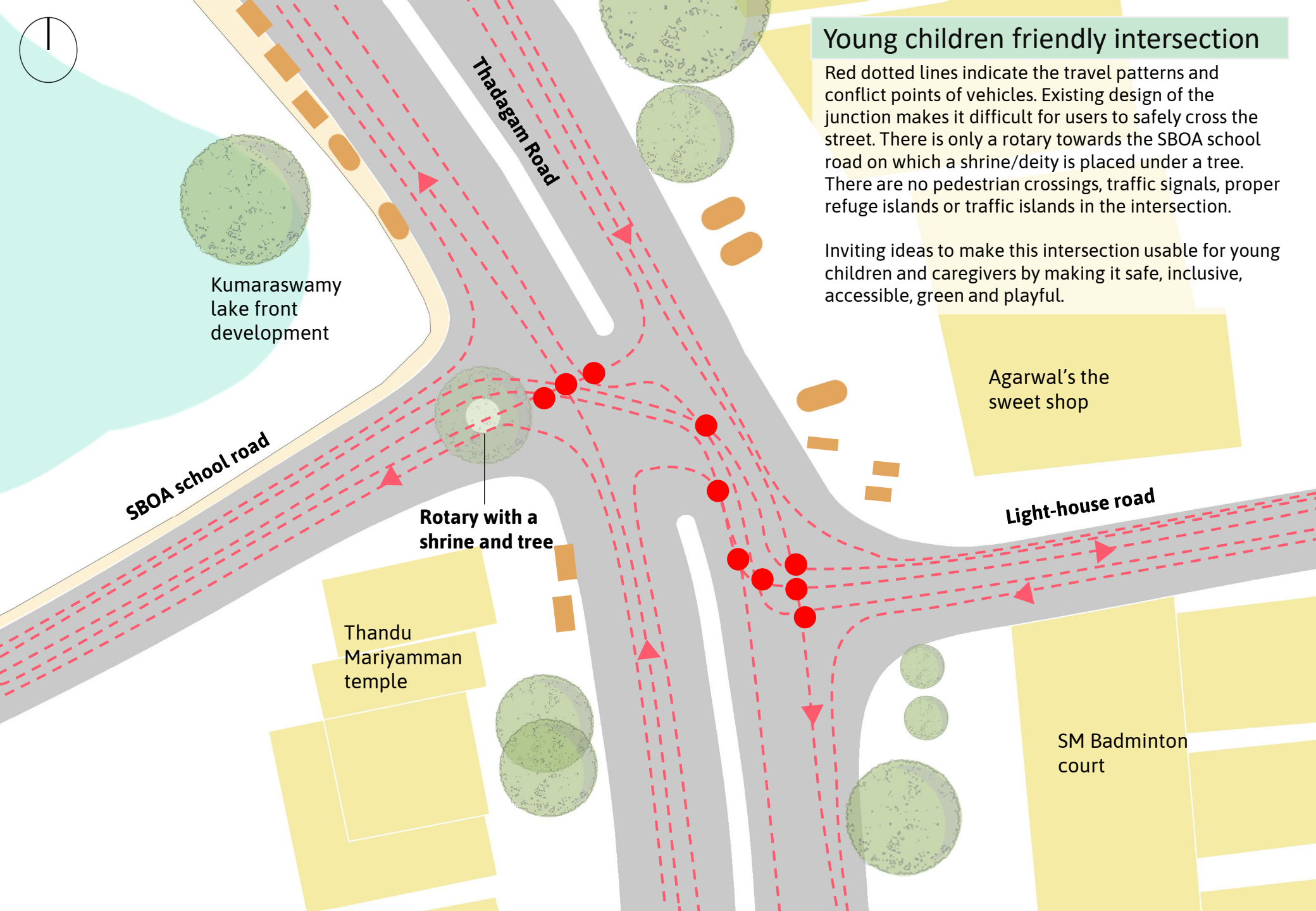
Coimbatore smart city is developing Kumaraswamy lake and premises as young children friendly zone including different spaces such as Amphitheatre for children and Sensory park including play spaces for all abilities and age groups. The area is expected to have increased footfall after the completion of the project. The intersection will be more significant and its crucial to streamline the vehicular and pedestrian traffic in an efficient manner.



Design Problem

The stretch on the Thadagam road from A to B will have growing significance in the coming years considering the upcoming projects at the lakefront. Increased footfall of young children and families are expected. It is thereby important to make the **access to the open spaces safe and inclusive**. The street has no dedicated walkways or other street furniture. Unorganized parking happens on this stretch. Designs are invited for the stretch from A to B including intersection redesign at Node A and a design for Public transit stop at Node B.

Urban design and city planning play a crucial role in shaping the early years (0- 5 years) of a child's life. How can you re-imagine the junction, street and bus stop at the height of young child is the design problem put forward.



Young children friendly intersection

Red dotted lines indicate the travel patterns and conflict points of vehicles. Existing design of the junction makes it difficult for users to safely cross the street. There is only a rotary towards the SBOA school road on which a shrine/deity is placed under a tree. There are no pedestrian crossings, traffic signals, proper refuge islands or traffic islands in the intersection.

Inviting ideas to make this intersection usable for young children and caregivers by making it safe, inclusive, accessible, green and playful.

Kumaraswamy lake front development

SBOA school road

Thadagam Road

Rotary with a shrine and tree

Thadugu Mariyamman temple

Agarwal's the sweet shop

Light-house road

SM Badminton court



SBOA School road

Thadagam Road towards south

Thadagam Road towards transit stop

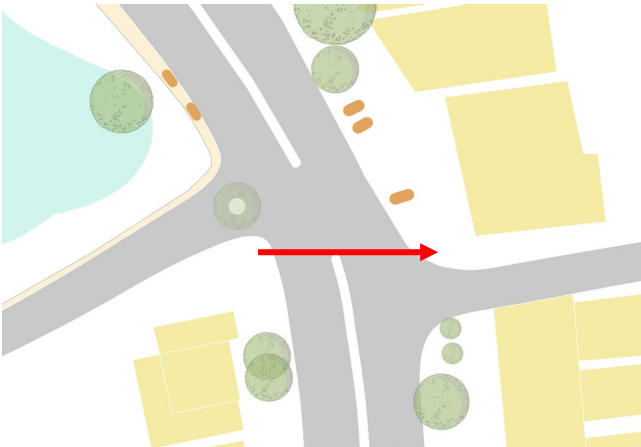


Photo overlooking light-house road



The existing intersection is non-signalized. There are dividers along the Thadagam road. The rotary on the SBOA school road has a small temple and a tree on it. The movement of the vehicles aren't streamlined and are haphazard making it difficult for the movement of pedestrians.

How can we ease the movement of pedestrians especially young children visiting the park developing at the lakefront?





Narrow sidewalks and shoulders encroached by parking and street poles. No clear and safe walking space or crossing provisions for pedestrians.

How are young children and caregivers going to use the streets for accessing the Park? How can we change their experience?

Young children friendly street

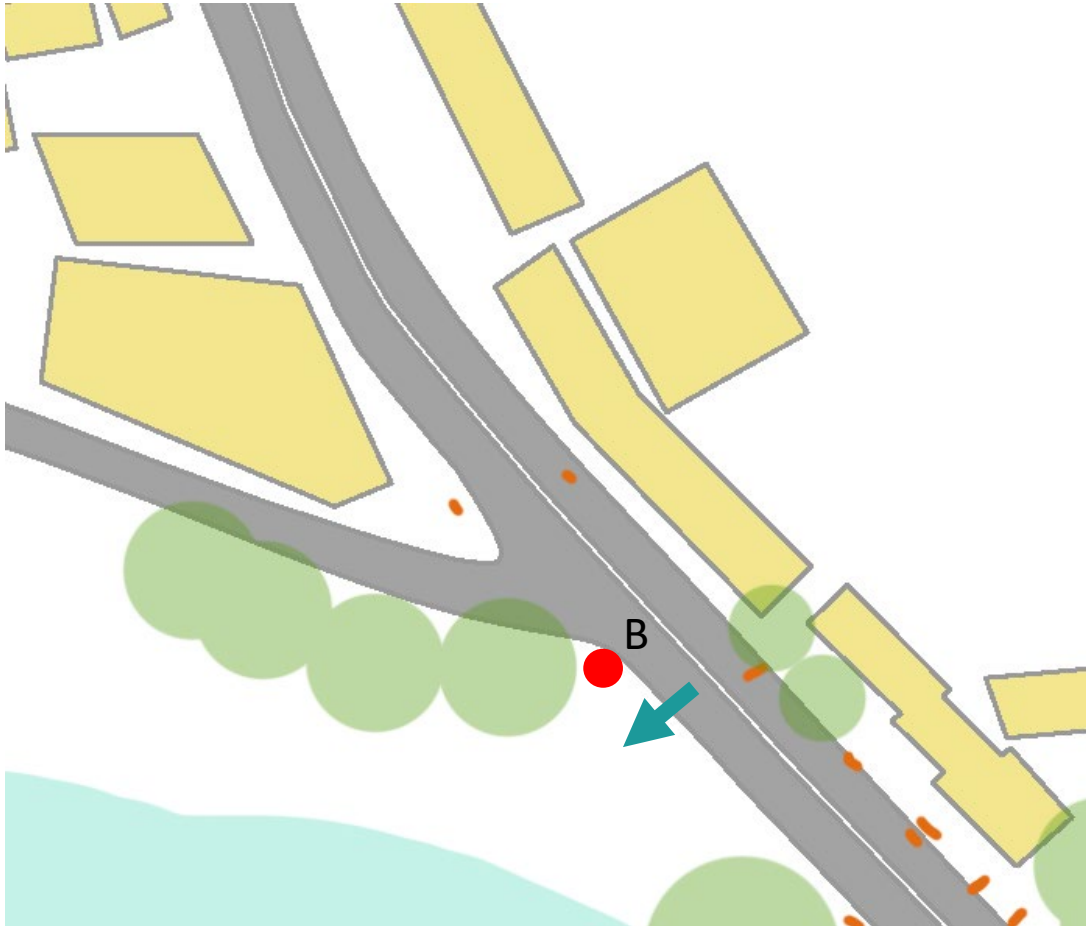
Street stretch connecting Node A and Node B does not have clear walk-ways. The surface is unfinished and unsafe for the use of young children. Unorganized parking happens on both sides of the street.

How can the walking experience be more attractive and safer for young children and their caregivers?



Design of Public Transit stop for young children and caregivers

The bus stop near the lake on the Thadagam road has no proper bus shelter or any sort of seating spaces. People wait on the street and buses do not have a stop line. Young children and their caregivers face it difficult to wait , board and alight the buses



Google map coordinates: 11.004488582093808, 76.94641194725472

● Notified Bus stop, but no bus shelter or marking on the road



People waiting under the shade of the tree and sitting on the footpath

1



1 People waiting at the stop (No shelter, seating or information about the buses)

2 Caregiver with a baby in her hands waiting at the stop

3 Caregiver walking towards the bus that stopped way ahead of the stop

4 Caregiver alighting the bus with the baby

2

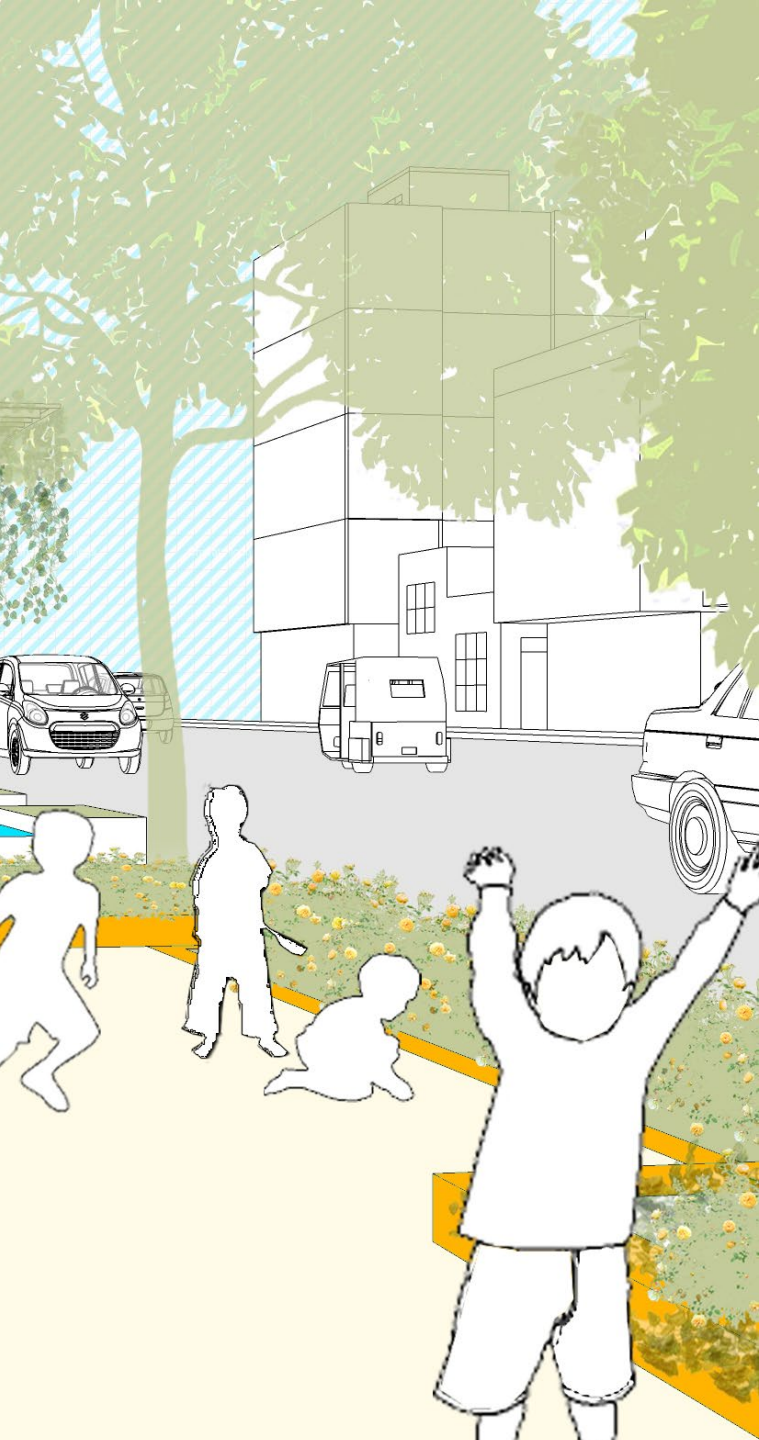


3



4





Design Criteria

The design shall orient towards **improving accessibility to the Kumaraswamy lake-front where young children and caregivers of the neighborhood can safely walk to the park** from their residences.

The proposed bus-transit stop should **provide safe and engaging waiting time for children and families** across the city who are accessing the park and premises.

The street stretch from A to B will have vehicular and pedestrian entrances to the lakefront development. It is encouraged that the design for the **street accommodate waiting spaces, playful furniture, early childhood amenities, safe pedestrian walking and crossing spaces, lighting for night-time use and other supporting services**

Parking can be restricted on the stretch making more space for the pedestrians. Design oriented towards **promoting slo-mo streets carrying more pedestrians than vehicles** are encouraged.

Innovative and low-cost ideas on implementation will add up to the quality of design

Design Principles

PLAY

SUSTAINABILITY

SAFETY

WALKABILITY

ACCESSIBILITY

Participation and Submission

Last date of submission:

15th August 2021



Participation guidelines

- Participants can be students or professionals from multidisciplinary backgrounds – design, architecture, urban design and urban planning, NGOs, experts in early childhood services or individuals from any associated fields
- Participants are allowed to make individual or team submissions (Ideally team upto 4 members)
- Any individuals or teams associated or guided by organizers of the competition are not encouraged to participate

Submission guidelines

- Participants can find the packet including the participation form, Auto cad drawing, photographs and short videos to understand the existing situation in the link:
<https://drive.google.com/drive/folders/1sYRB0db6nuRM3gFuZTkHco2kjEBhbWrS?usp=sharing>
- Kindly submit your proposals in not more than 3 nos. of A3 sheets.
- Submission should include filled participation form, design concept, key plan, detailed drawings, visualizations and illustrations to support the design and a write-up of 200- 300 words to support the design

COIMBATORE

NURTURING NEIGHBOURHOODS CHALLENGE

In case of any queries or concerns please reach out to nnccoimbatore@gmail.com

A programme supported by

