Smart Solutions to Social Inclusion
90% said they had experienced sexual harassment in buses and trains.

82% said they had noticed others being sexual harassed in public transport.

<table>
<thead>
<tr>
<th>Frequency of Sexual Harassment Experience</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily</td>
<td>12.1%</td>
</tr>
<tr>
<td>Weekly</td>
<td>16.4%</td>
</tr>
<tr>
<td>Monthly</td>
<td>25.8%</td>
</tr>
<tr>
<td>7-8 Times per Year</td>
<td>16.5%</td>
</tr>
<tr>
<td>4-5 Times per Year</td>
<td>13.5%</td>
</tr>
<tr>
<td>1-2 Times per Year</td>
<td>11.6%</td>
</tr>
<tr>
<td>No Response</td>
<td>4%</td>
</tr>
</tbody>
</table>
Only 34% of Sri Lankan women in the economically active age group are employed.

29% said the incident(s) negatively affected their studies.

37% said that the incident(s) negatively affected their performance at work.

44% stated that it affected their personal life.
<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>74%</td>
<td>Deliberate touching of any part of the body</td>
</tr>
<tr>
<td>60%</td>
<td>Unwanted crowding of personal space eg: excessive closeness</td>
</tr>
<tr>
<td>52.25%</td>
<td>Improper seating etiquette</td>
</tr>
<tr>
<td>52%</td>
<td>Rubbing genitalia against another's body</td>
</tr>
<tr>
<td>48.44%</td>
<td>Trampling on foot deliberately</td>
</tr>
<tr>
<td>46.28%</td>
<td>Fixated gaze on body parts</td>
</tr>
<tr>
<td>48.72%</td>
<td>Asking for contact number</td>
</tr>
<tr>
<td>45.56%</td>
<td>Suggestive/lascivious looks</td>
</tr>
</tbody>
</table>

- 74% sought some form of support from the police.
- 74% said they were unaware about a hotline to report sexual harassment in public transport.
Women Only

乗車位置
You are entering the Women & Children Cabin.
Men caught in 'women only' train carriage forced to do sit-ups

A group of male commuters travelling in a women-only carriage on New Delhi's metro system were ordered to do sit-ups on the platform by the furious female passengers.
SIDETRACK
Distract by asking,
“Do you know how to get to L’Enfant Plaza?”
“I haven’t seen you in forever — want to come sit with me?”

TELL
Text MyMTPD | Call 202.962.2121
Tell a Metro Employee
Go to wmata.com/harassment

You can help STOP harassment

OBSERVE
Keep a safe distance
Note date, time and location in order to report details
Always ask the person being harassed permission to share

POSTPONE
When it’s safe, ask the person being harassed,
“Are you okay?” OR
“Well, do you need a ride to your stop?”
1. Empowering citizens to speak out
2. Engaging stakeholders on policy
3. Strengthening response mechanisms
4. Encouraging bystander interventions
5. Sensitizing drivers and conductors
PARAMETERS
- Light
- Walkability
- Natural surveillance
- Mobility elements
- Security

OUTCOMES
- Improved Lighting
- Better Sidewalks
- Improved Last Mile Connectivity (IPT)
- Bus Stops
- Bicycle Infrastructure
- Enhanced Security (Physical + CCTVs)

IMPACTS
- Walkability
- Mobility
- Connectivity
- Sense of Safety
- Women’s Access to (a) Public Spaces (b) Opportunities (c) Resources
Colombo - My Safetipin App audits
21 views
All changes saved in Drive

- My Safetipin Audits-18-02-2020
  - Uniform style
    - All items (619)

- Zone 1
  - Uniform style
    - All items (2)

- Zone 2
  - Uniform style
    - All items (2)

- Zone 3
  - Uniform style
**PROJECT SCOPE:** Collecting and assessing safety related information of the entire city using both the Safetipin Applications

**PROJECT AREA:** City size

**RESOURCE ALLOCATION:** Data collection planning with the project partners

**NITE AUDITS:** Safetipin trains drivers to collect data using ‘Safetipin Nite’ app and makes pre-loaded audit routes for the drivers.

**MANUAL AUDITS:** After receiving ‘My Safetipin’ training, volunteers conduct manual audits at imp. public places after dark for 3hrs (6-9pm)

**CODER RATING:** Safetipin has a certified team for review and codification (visual analysis of geo-tagged photos). It rates each and every photograph collected by ‘Safetipin Nite’ through its exhaustive sub-parameter menu to aggregate safety information gathered into a safety score of a place/city

**SAFETY MAPPING:** Audit results are represented in spatial maps to understand locational issues

**DATA ANALYSIS:** CSV files with complete coded data are provided for detailed analysis

**RECOMMENDATION:** Urban design and infrastructural planning recommendations are given to foster positive change

**MEASURE CHANGE:** Ideally after a couple of years of doing the first safety audit mapping and based on interventions/upgradations instituted, fresh mapping to be conducted in order to measure change and assess impact

**TIME LINE:** 4-8 MONTHS
Increasing Impact
Scale, Flexibility, Enhanced Usage

My Safetipin

Safetipin Nite

Safetipin Site

Photographs

Machine Learning

Database

Other Map Layers

Analysis

Reports

Maps CSV

Modelling

Dashboards

Urban Models
Spatial Data Platform

- **Local Authorities, Infrastructure (Utility) Orgs**
  - Access and share relevant spatial data through platform
  - Reuse maps for other requirements

- **Urban Planning**
  - Utilize the layer for urban planning

- **NSDI**
- **Survey Department**

- **Base-Map**
- **Zoning Map**

- **Local Authority**
- **Ministries**
- **Relevant Agencies**