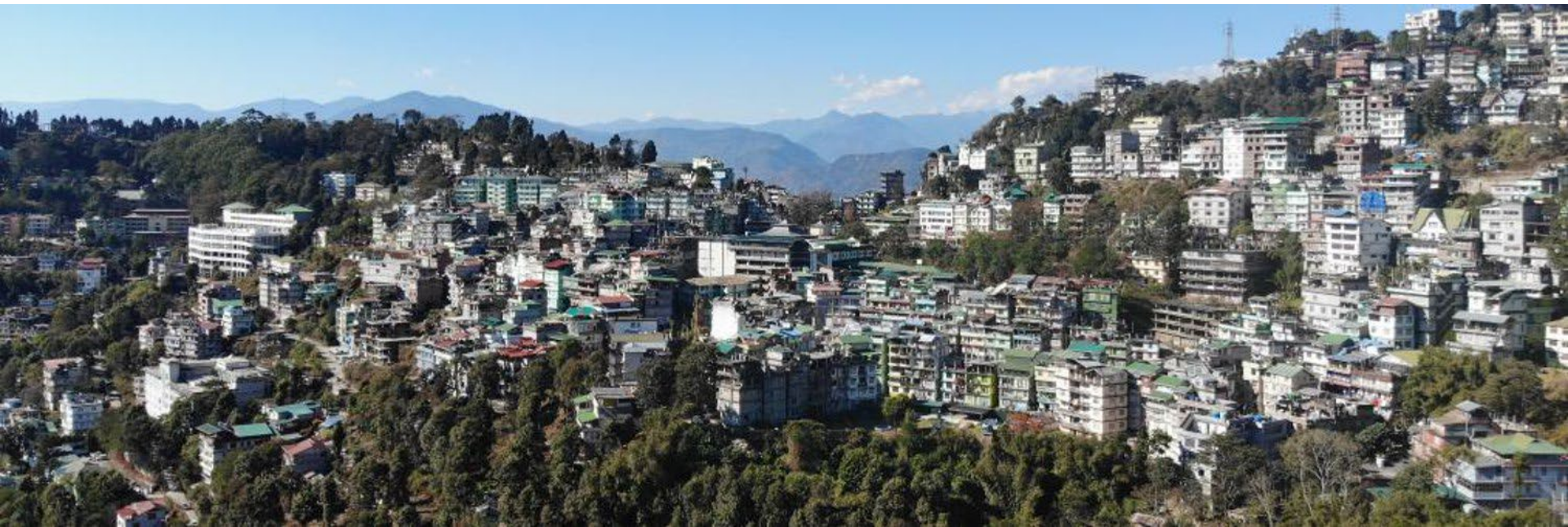


Innovations in Citizen Engagement toward advancing the Decarbonisation of Cities and Lifestyles

February 24, 2023

Institute for Global Environmental Strategies (IGES)



Case study of NAMCHI SMART CITY-SIKKIM, INDIA
Navin Rai

CONTENT:-

- INTRODUCTION
- SPATIAL CONTEXT OF NAMCHI, SIKKIM, INDIA
- CITIZEN ENGAGEMENT IN PREPARATION OF SMART CITY PROPOSAL
- PILOT PROJECTS (THEMATIC):
 - PLACEMAKING & MOBILITY
 - PV RENEWABLES –ON GRID
 - ACTIVITIES



China

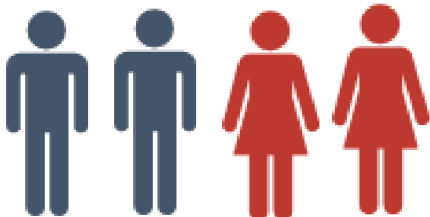


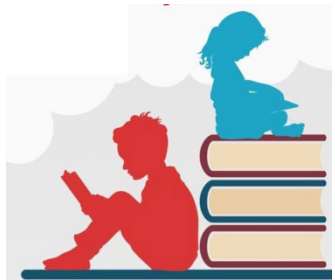
Note: Map for reference Only

1975 | joined the Indian Union

22nd State of India | Art.371F

7096 Sq Km | Land area

0.8 Mn 
(census 2011)



82.6% | 13th | 74%(ntl)
(census 2011)

2nd | ₹0.35mn
per capita

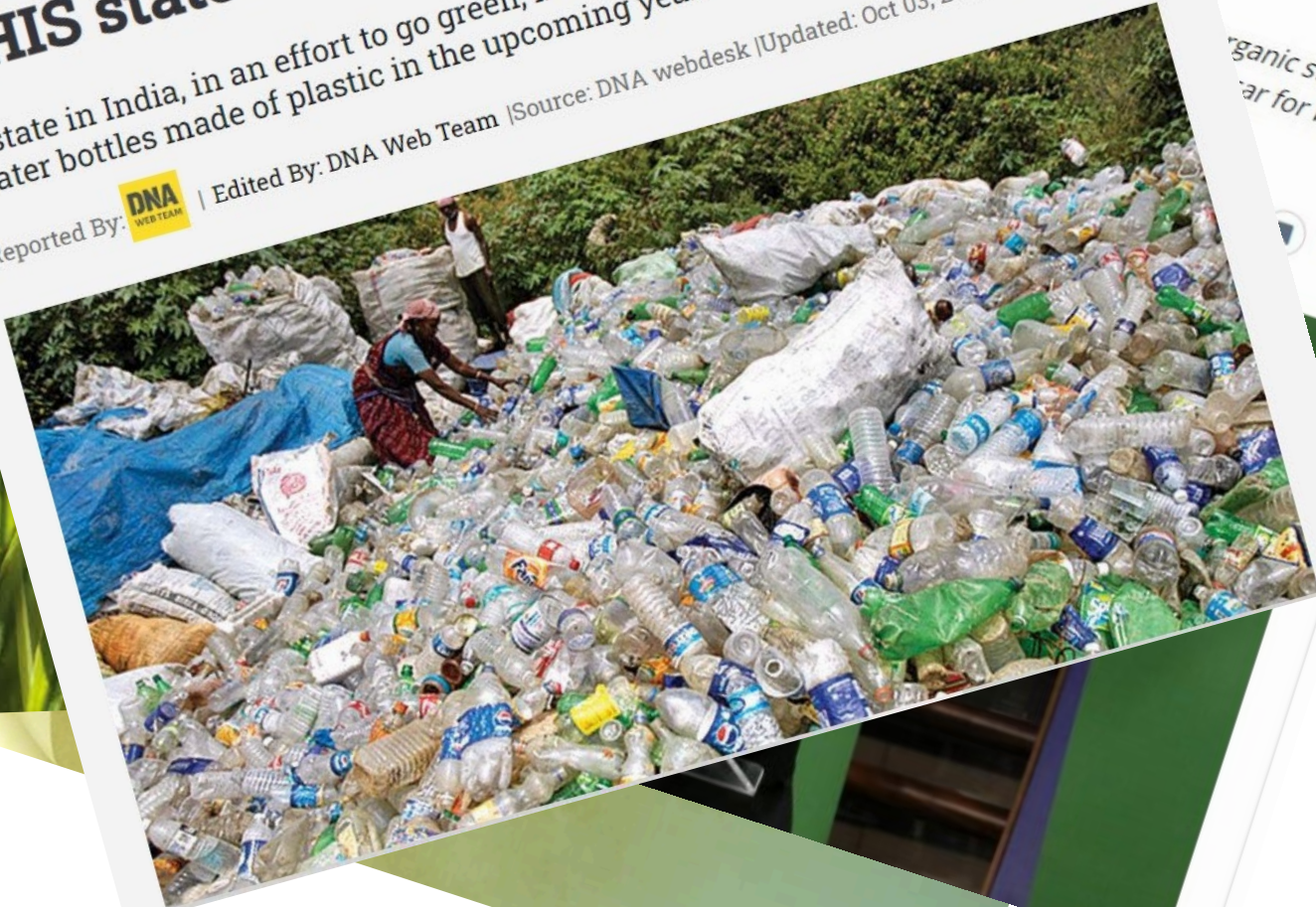


Plastic mineral water bottles banned in THIS state from January 2022

A state in India, in an effort to go green, has decided to ban packaged mineral water bottles made of plastic in the upcoming year.

Reported By: **DNA** WEB TEAM

Edited By: DNA Web Team | Source: DNA webdesk | Updated: Oct 03, 2021, 11:51 AM IST



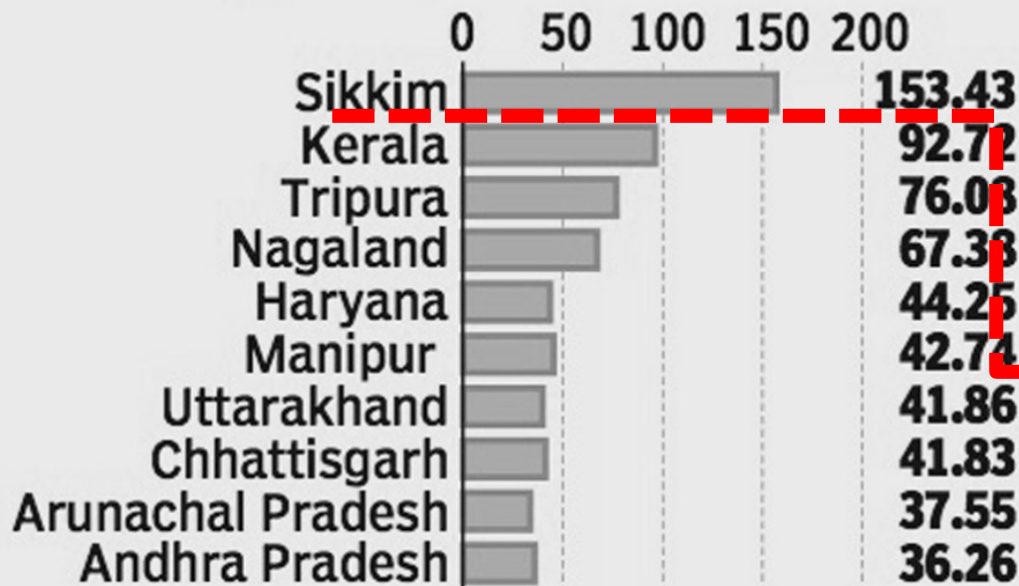
>65% (2050)

30% | Urban Pop



60% | 40%

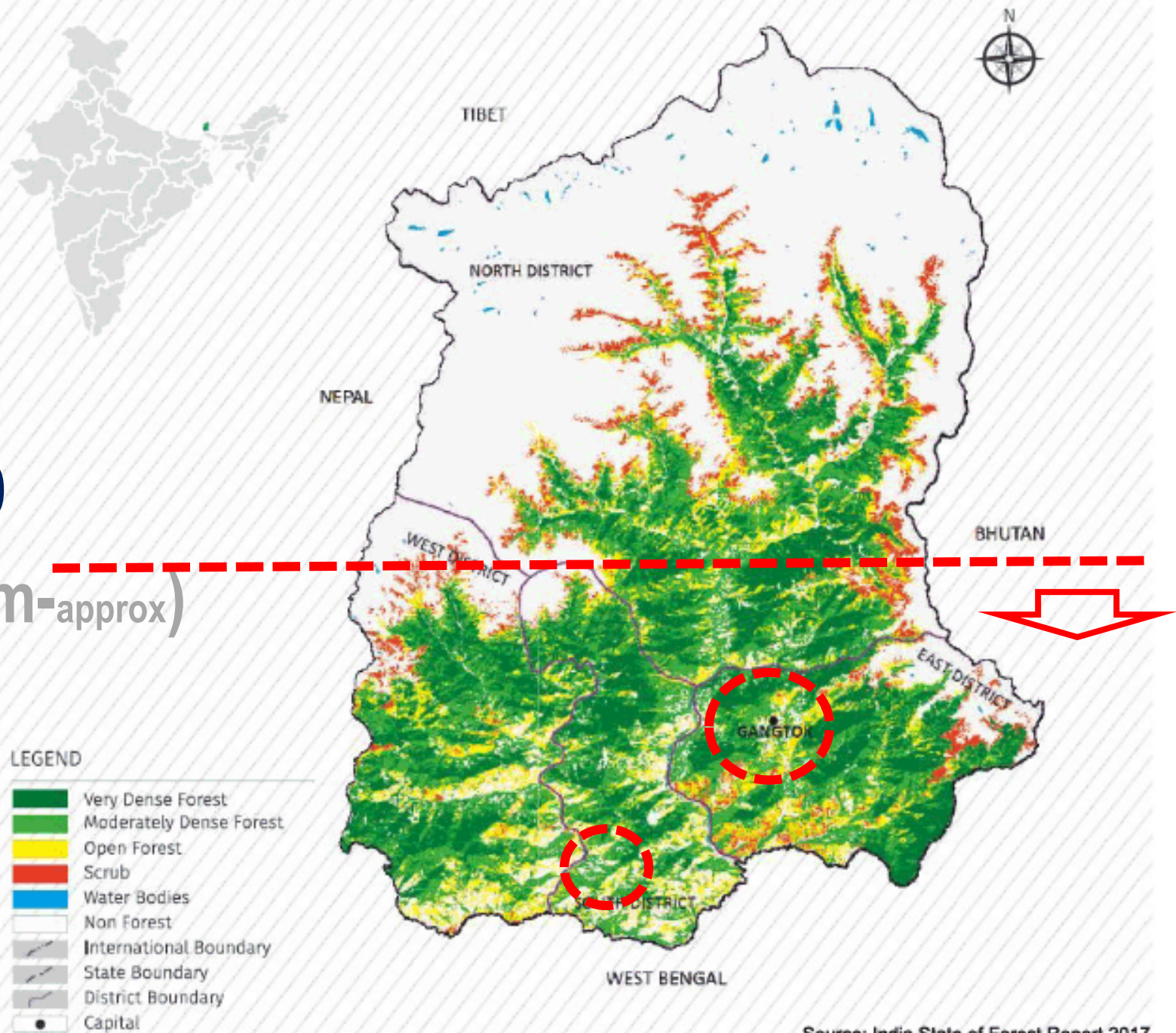
% decadal growth (urban)



153.43%

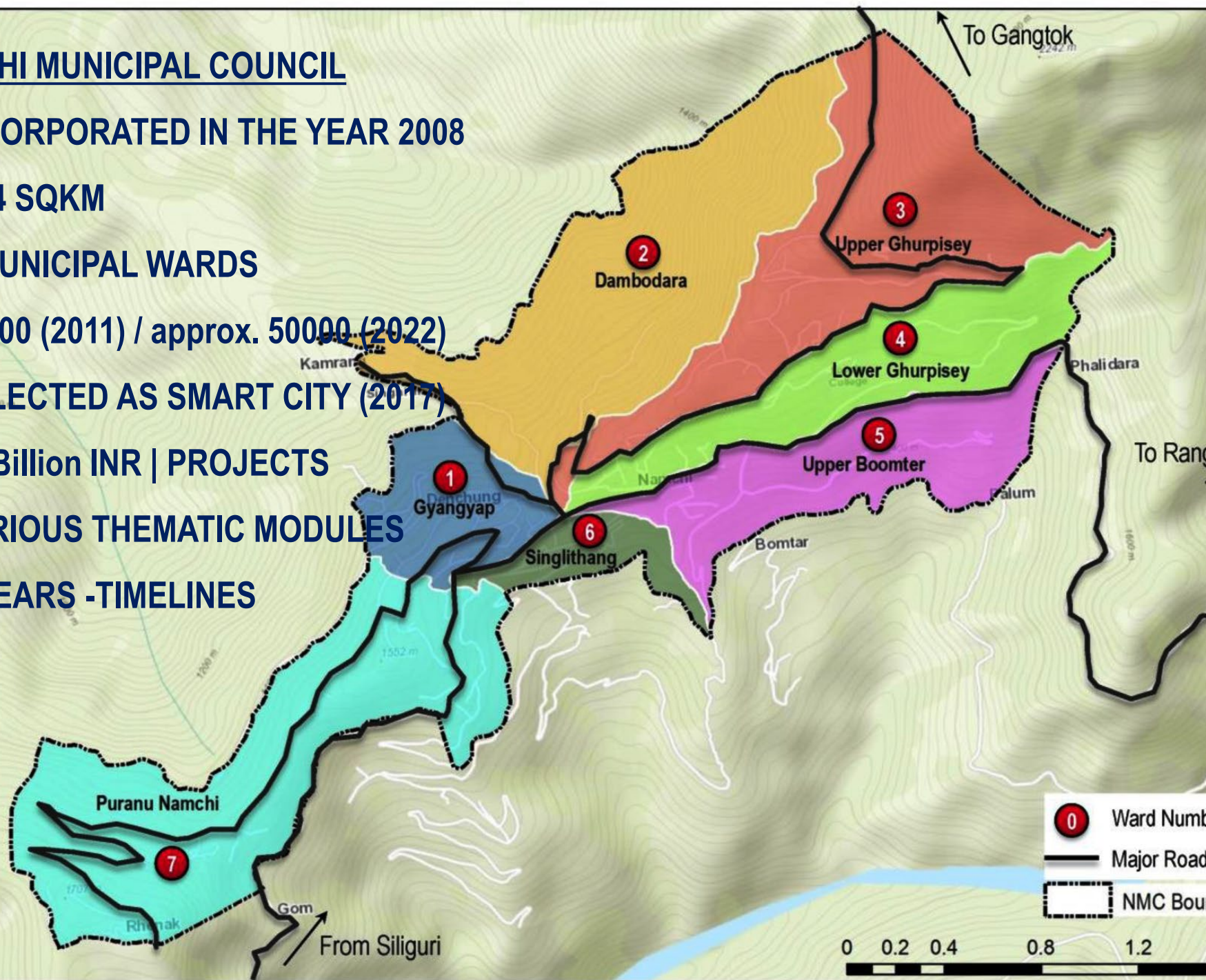
(census 2011)

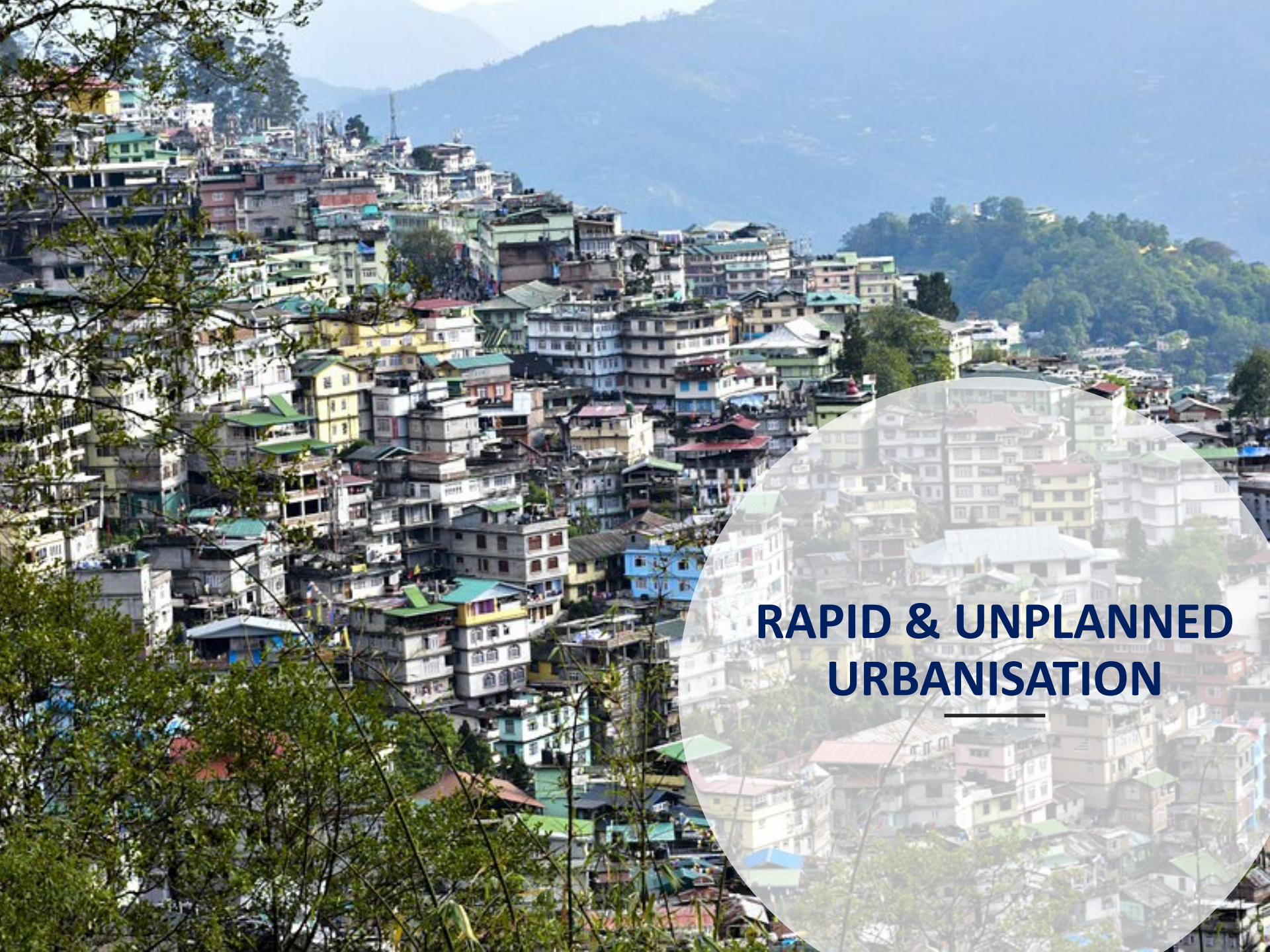
10%
(700sq km-approx)



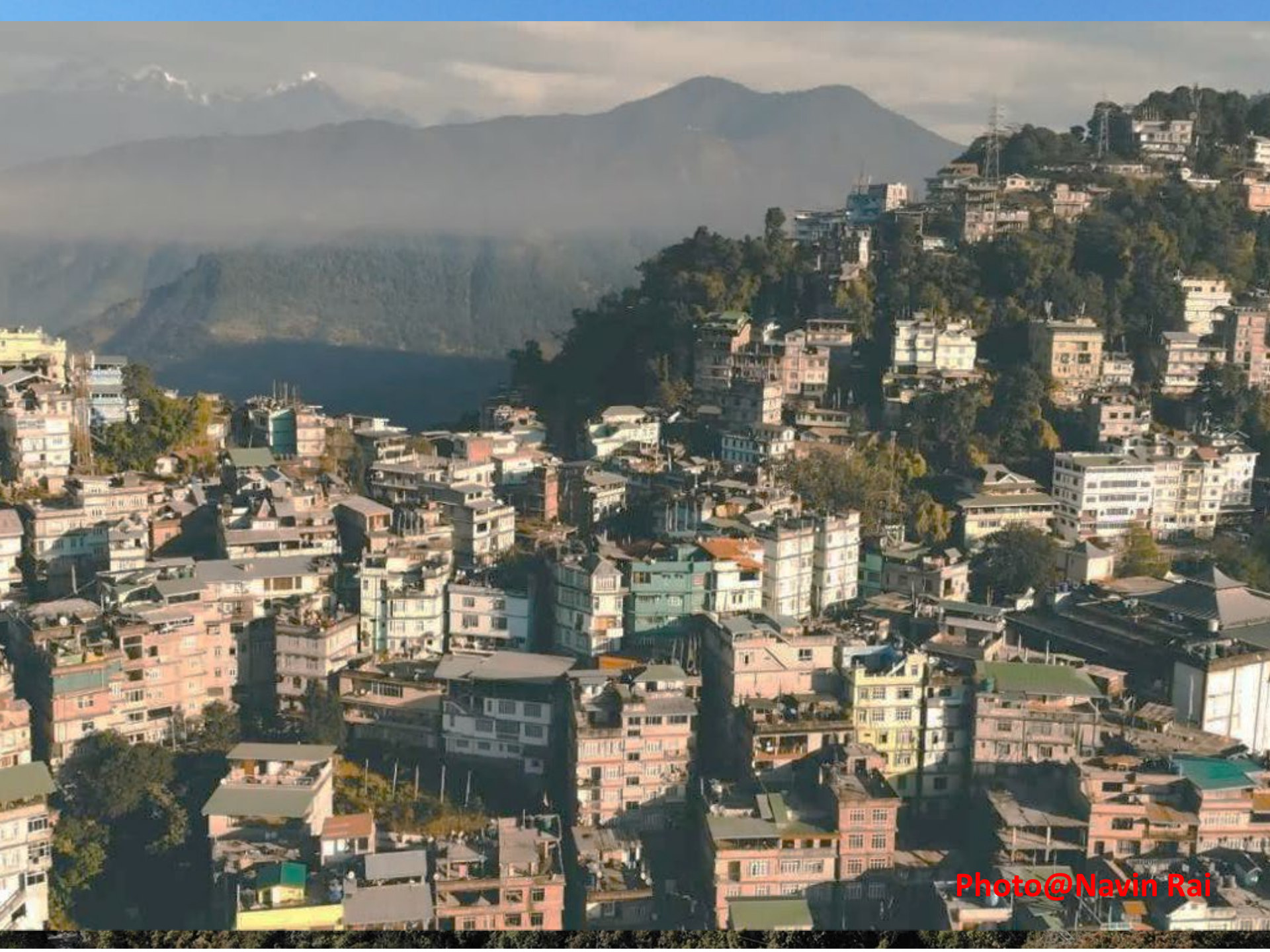
NAMCHI MUNICIPAL COUNCIL

- INCORPORATED IN THE YEAR 2008
- 7.14 SQKM
- 7 MUNICIPAL WARDS
- 25000 (2011) / approx. 50000 (2022)
- SELECTED AS SMART CITY (2017)
- 10 Billion INR | PROJECTS
- VARIOUS THEMATIC MODULES
- 5 YEARS -TIMELINES





RAPID & UNPLANNED URBANISATION



Photo@Navin Rai

SMART CITY PLAN – CITIZEN ENGAGEMENT PROCESS



Launched Smart City Proposals preparation exercise
2nd November 2015 (Stage I)

CITIZEN'S ENGAGEMENT:-

The idea that citizen engagement is critical to the development and implementation of social innovation is regarded by many as a self-evident truth. In this, social innovation follows trends in two closely related discourses - international development and democratic renewal which has been emphasized in Namchi.



EXAMPLES:

Public meeting on
18th Nov at central park



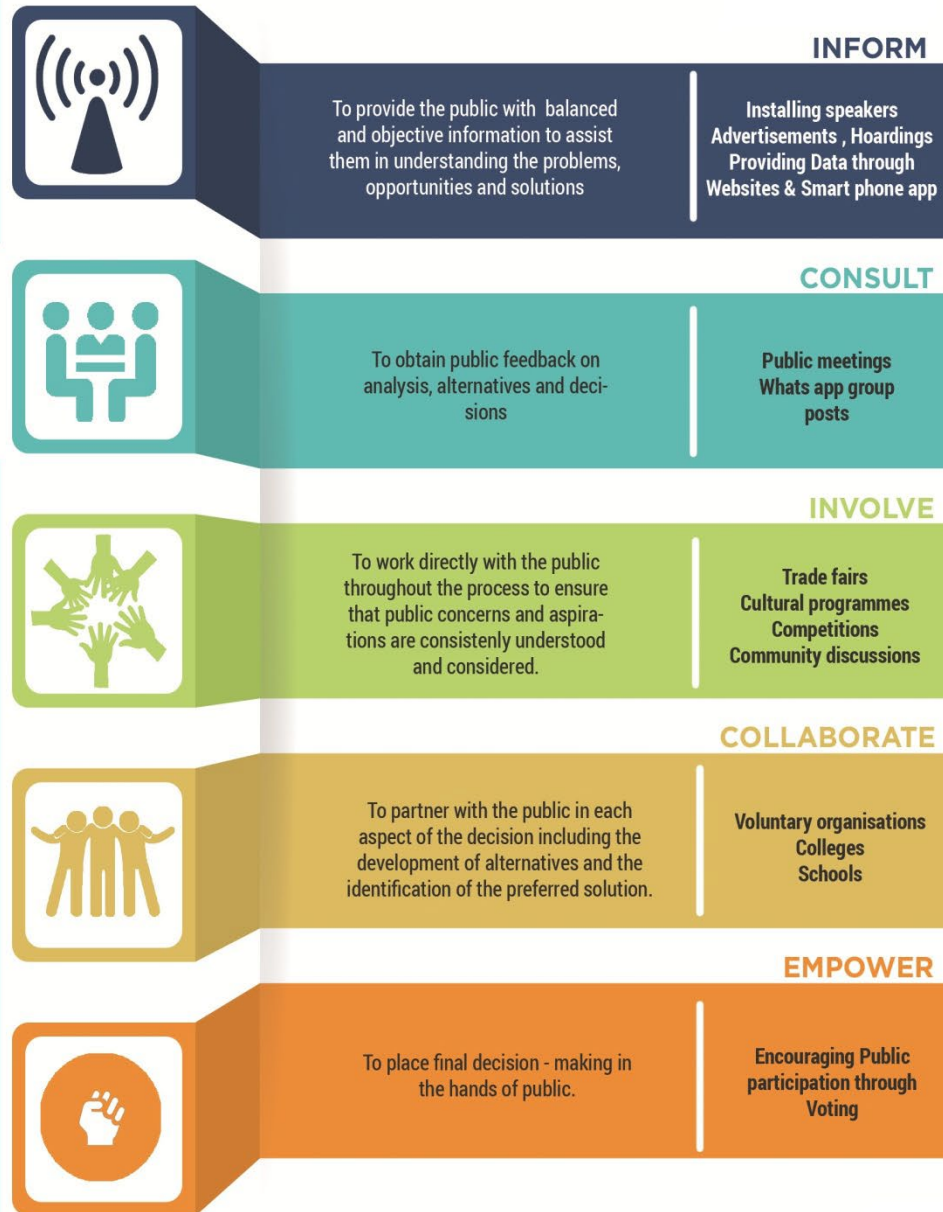
Promotion of mygov.in
in Namchi



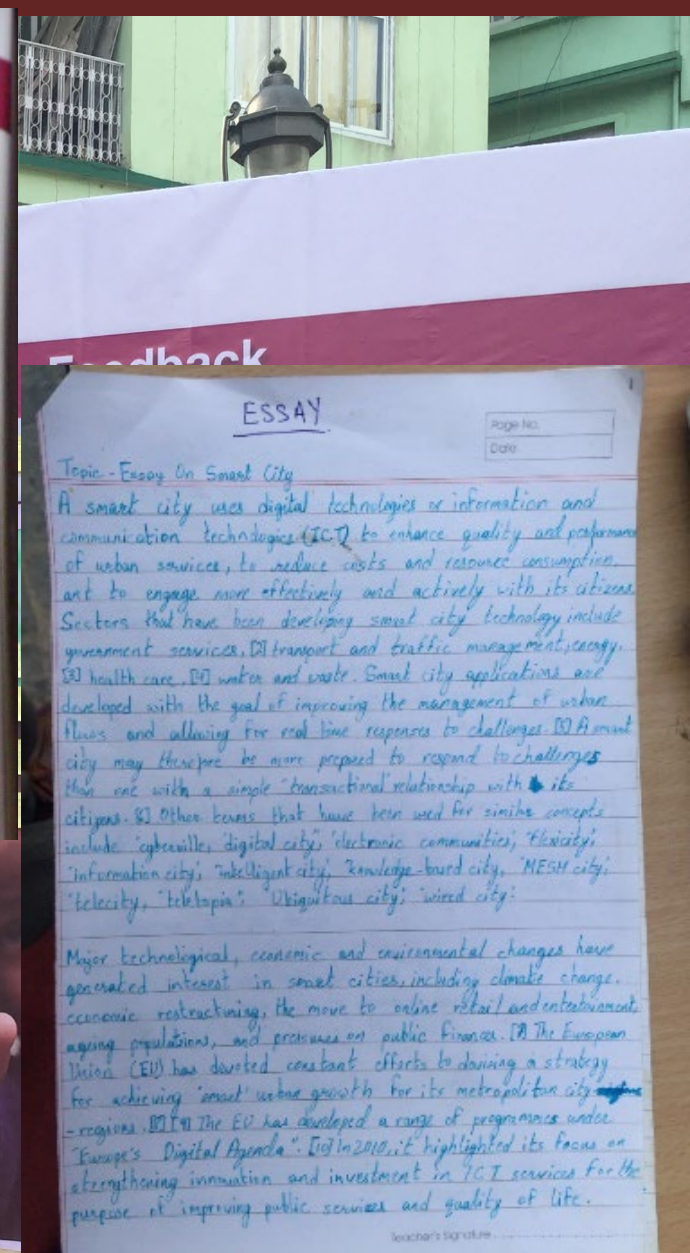
Public meeting on
19th Nov at Employee's
guest house, Namchi



Hon. CM, Government
Of sikkim on smart
city Namchi



CITIZEN ENGAGEMENT | PARTICIPATION | FEEDBACKS



CITIZEN ENGAGEMENT | PARTICIPATION | FEEDBACKS



SMART CITY CORE PROJECTS





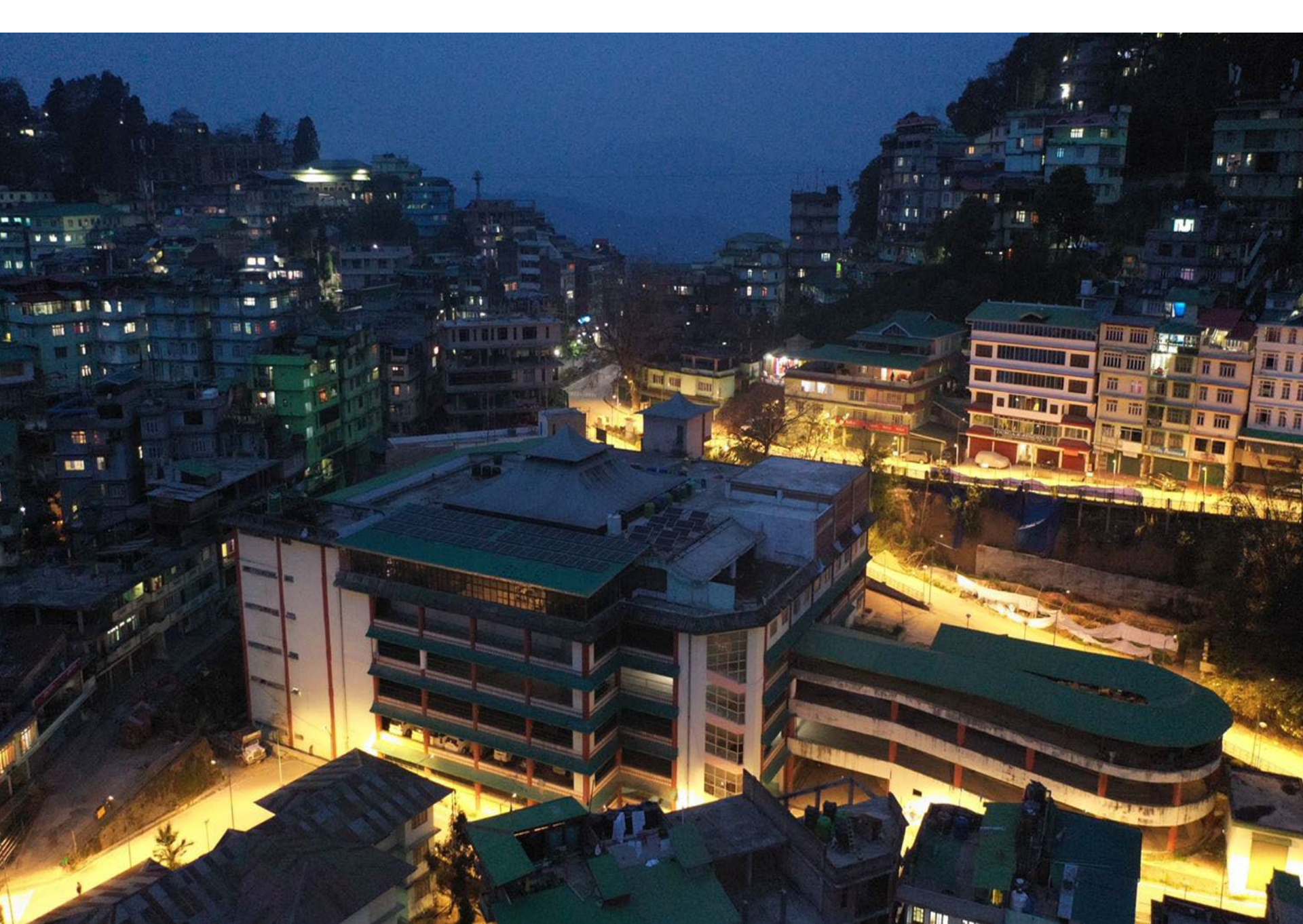


@UNDER CONSTRUCTION



LED STREET LIGHTS PROJECTS:

- No LED lights- 4200
- Length of the street /Road -42 kms
- CCMS Integration with ICC



INSTALLED PV SOLAR ENERGY SYSTEM- ON-GRID

- Installed Capacity- **255 KwP**
- Operation – Since 25th Dec'20
- Power supply to ICCC | LED STREET LIGHTS
- Total proposed capacity – **480 KwP**



INTEGRATED COMMAND AND CONTROL CENTER (ICCC)



CITIZEN AWARENESS PROGRAM





Plc @ NSCL



Pic. @ NSCL

PHOTOGRAPHY COMPETITION

Climate Impacts / Climate Action
in Namchi



We invite participants to submit photographs which focuses on the impacts of climate change and actions taken by individuals, communities or city authorities to adapt/mitigate climate change in Namchi, Sikkim.

Submission: 25th February 2022 to 14th March 2022

Awards:

1st Prize
5000 Rs.

2nd Prize
3500 Rs.

3rd Prize
2500 Rs.

Consolation Prize
1000 Rs.

(Each for 10 participants)

Certificate of Participation for all.

Scan Barcode
for Registration



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