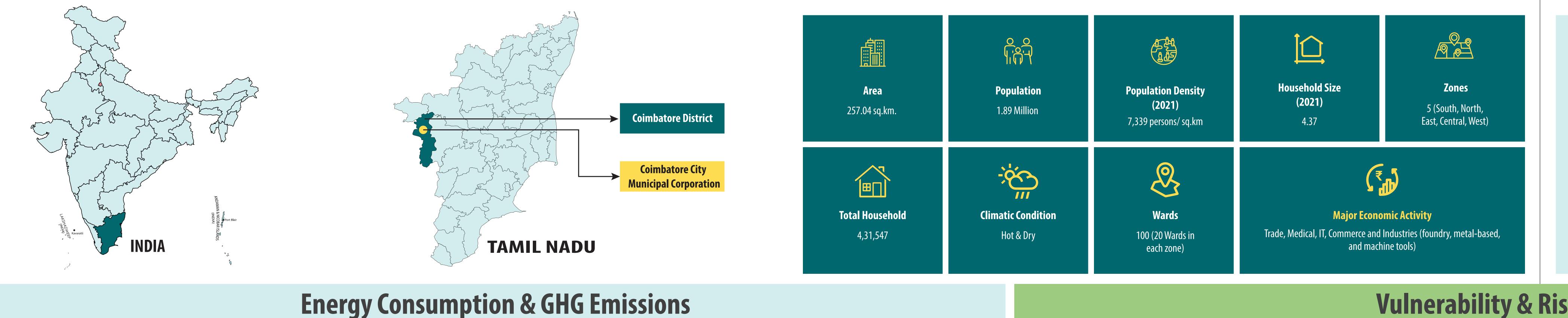


Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Swiss Agency for Development and Cooperation SDC

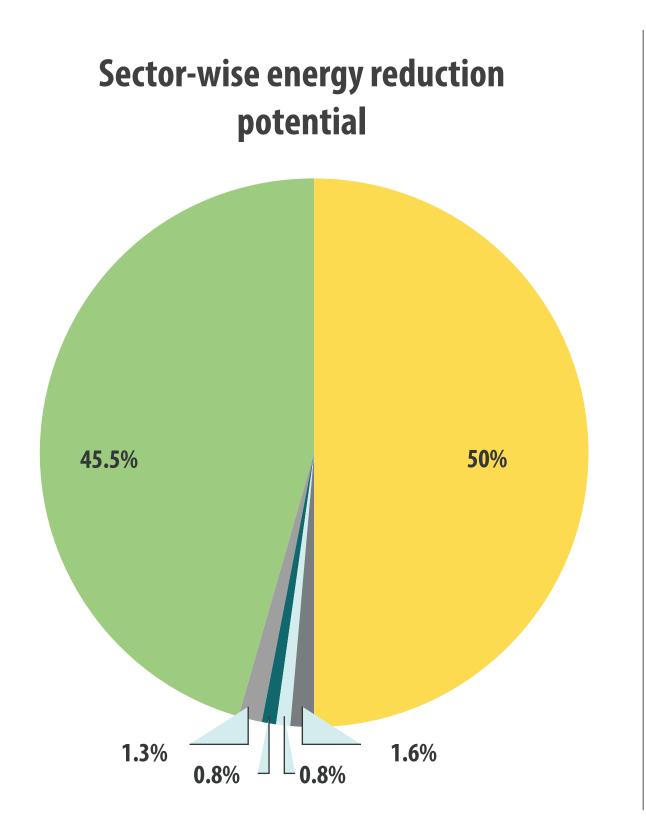
Energy Consumption

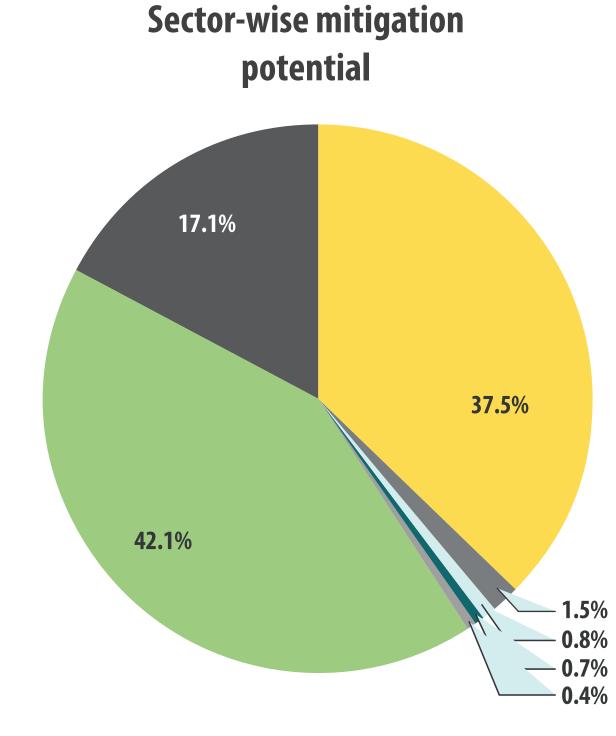






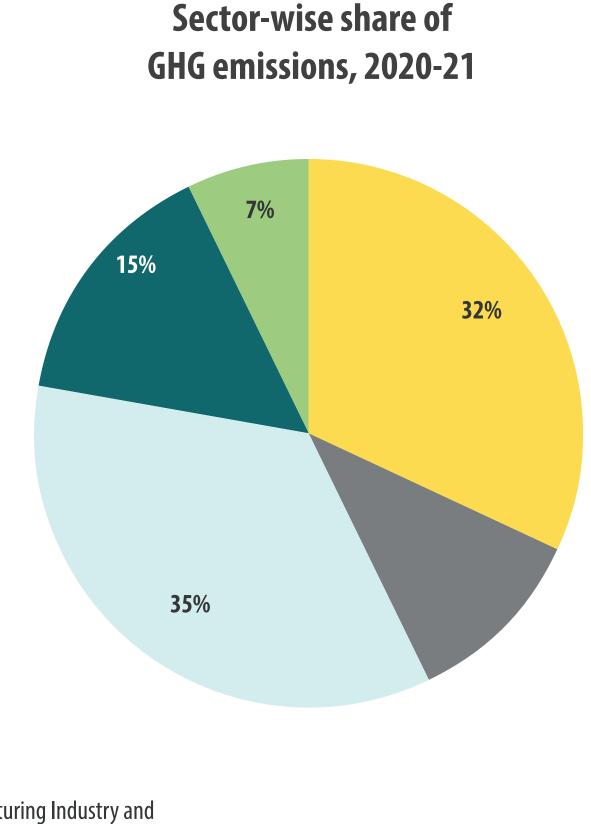
Climate Resilient City Action Plan







GHG emissions



Manufacturing Industry and Construction (ie. industrial sector)



Buildings (Residential, Commercial & Industrial Buildings

Street Lighting

Municipal Buildings

Water

Industry

Solid Waste



Buildings (Residential, Municipal Commercial and Industrial)

Example Resilience Interventions

- Solar PV systems
- Energy Efficient (EE) fixtures (LED lamps, EE fans etc, power factor correction and others)
- Declare and maintain reserved sites as Urban Green Spaces
- Have proper policy to lay the utilities on the road sides on one side so that the other side could be used for tree planting

Resilience Impact

Reduction in urban heat island effect, air quality and micro climate improvement, positive impact on health

Total Mitigation Potential 522,700 tCO₂e (38% of total reduction potential)

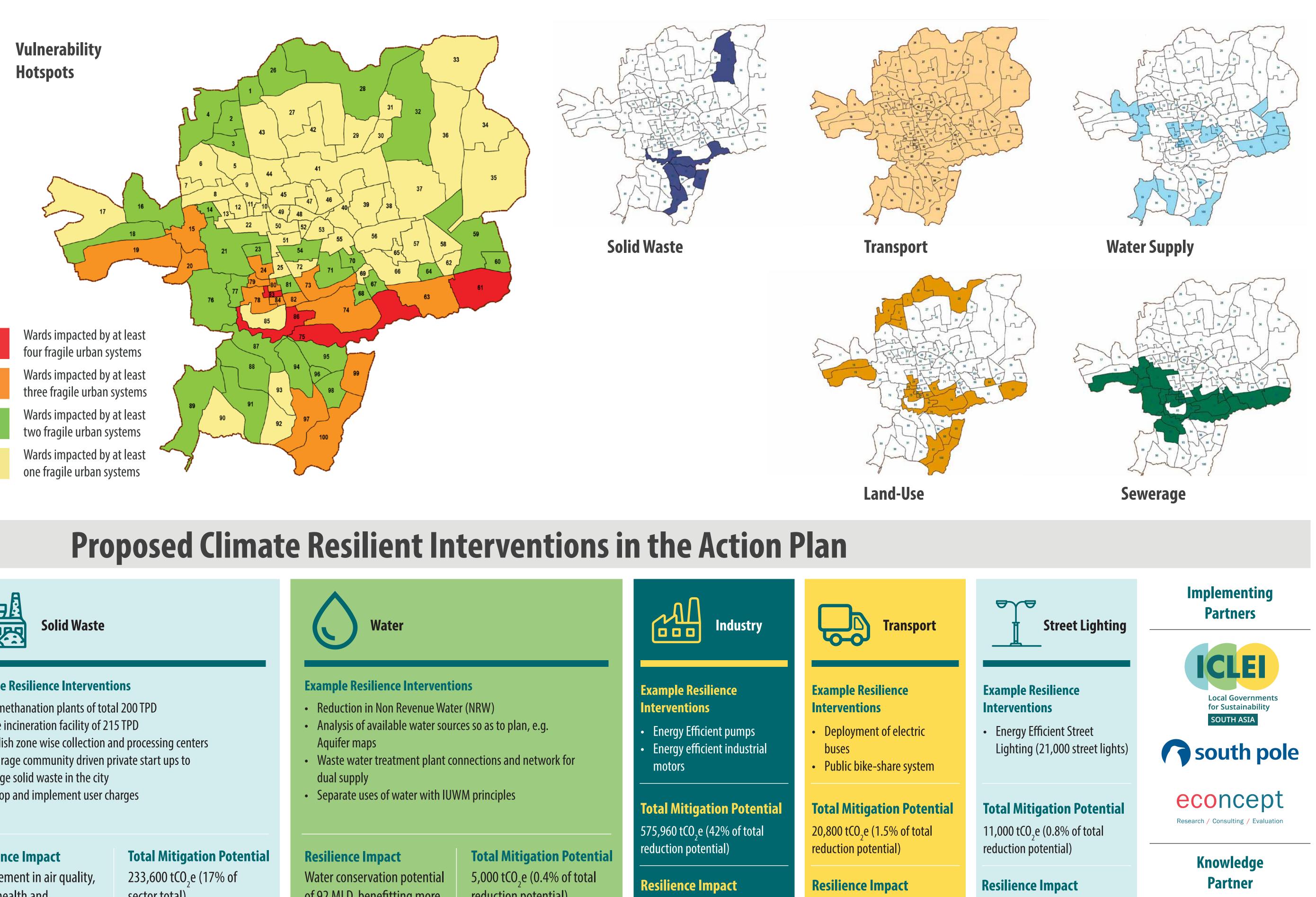


Example Resilience Interventions

- 4 Biomethanation plants of total 200 TPD • Waste incineration facility of 215 TPD Establish zone wise collection and processing centers • Encourage community driven private start ups to manage solid waste in the city • Develop and implement user charges

Resilience Impact Improvement in air quality better health and socio-economic benefits to over 40% of city population

Vulnerability & Risk Assessment





sector total)



of 92 MLD, benefitting more than 60% city population

reduction potential)





Climate Projections

Improvement in safety and

access to public spaces

National Institute of Urban Affairs

Coimbatore will see an increase in average maximum temperature by 3.3°C; increase in average minimum temperature by 3.4°C by the end of the century and increase in rainfall upto 0.5% by 2050, with increasing frequency of short duration high intensity rainfall.

Enhanced energy resilience

Improvement in air quality

island effect

and reduction in urban heat