

C&D waste management

Potential Climate/ Disaster Impacts addressed and Justification for this Approach

C&D waste management was never considered an issue but with rapid urbanization and increased construction, management of C&D waste has become a challenge for city administration. The waste is getting dumped in water bodies and other low lying areas in the city leading to issues of urban flooding that many Indian cities are facing these days.

Process of Implementation

1. A gap assessment study was conducted and based on which recommendation and way forward was shared with city for improvement of Construction and Demolition (C&D) waste management.
2. Based on the result of the gap analysis, a by-law for C&D waste management was prepared for the city of Coimbatore
3. C&D waste quantification and characterization study for city of Bhubaneswar was conducted
4. A concept for GHG Monitoring, reporting and verification system for C&D waste was developed and it was also included in the C&D waste by-law

Project Title

Climate Smart Cities Project

Project Number

2019.15.9

Results and Impacts

1. C&D waste quantification and characterization study has been submitted to the city
2. By-law for C&D waste was submitted to the city



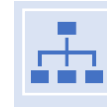
TYPE OF APPROACH

Plan & Strategy Development



COUNTRY

India



LEVEL OF INTERVENTION

city



TYPE OF RISK MANAGEMENT

N/A



MAIN HAZARDS ADDRESSED

flood



URBAN FUNCTION PROTECTED

recreation



SPHERE OF INTERVENTION

environment



RESOURCES REQUIRED

External consultants



COOPERATION PARTNERS

City Administration