



## Sustainable Urban Habitat Action Plan for Nashik

Country: India Overall Term: April 2013 to December 2014

Implementing Agencies: GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH) of the German Federal Ministry for Economic Cooperation and Development (BMZ), the Ministry of Environment and Forests (MoEF) and the Ministry of Urban development (MoUD) of the Government of India, Mumbai Metropolitan Regional Development Authority, Nashik Municipal Corporation, Maharashtra Environmental Engineering Training and Research Academy (MEETRA)

### Context

Climate Change is one of the most critical global challenges of our times and several recent events have demonstrated our growing vulnerability to climate change. Climate change increases the vulnerability of human settlements; the extent of vulnerability due to impacts of climate change exceeds the adaptive capacity of human systems. In the context of rapid urbanization, there is wide awareness about the need to minimize the environmental costs of urbanization. Environmental damage and depletion of non-renewable resources need to be addressed to meet present and future challenges pertaining to climate change. Combating the impacts of climate change broadly requires two sets of actions – mitigation and adaptation.

In 2008, the Government of India released India's first National Action Plan on Climate Change (NAPCC) outlining existing and future policies and programs addressing climate mitigation and adaptation. In the context of rapid urbanization and increasing vulnerability of urban population to the impacts of climate change, NAPCC included in its eight core missions the

National Mission on Sustainable Habitat (NMSH) under the Ministry of Urban Development. NMSH aims to promote its objectives relating to energy efficiency, management of waste (including municipal waste and waste water), shift from private to public mode of transportation, fuel efficiency and alternate fuels, community-based disaster management, re-orientation of urban planning to address climate change, conservation of natural resources, coordinated and comprehensive response by stakeholders at all levels, and generation of awareness related to climate change.

Climate change is as much a local phenomenon as a global concern and has to be addressed at all levels. However, the existing level of knowledge and awareness with regards to climate change in the urban sector is low at both local and state level. Thus, in order to mainstream climate change concerns, it is important that all cities should also have a climate-related action plans.

### Objective

GIZ's Indo-German Environment Partnership (IGEP) programme will support the Nashik Municipal Corporation to prepare a Sustainable Urban Habitat Action Plan (SUHAP) that addresses both issues of mitigation and adaptation for Nashik. International Centre for Local Environmental Initiatives (ICLEI), South Asia has been appointed by GIZ-IGEP for technical assistance to Nashik Municipal Corporation as well as to other relevant departments within the city and state



Unpredictable rains and flooding could be an impact of climate change

for the preparation of this plan. Maharashtra Environmental Engineering Training and Research Academy (MEETRA) will further support other Urban Local Bodies (ULBs) in preparing and implementing SUHAPs, thereby strengthening their institutional capacity to address climate change issues. The SUHAP will be developed in line with Government of India's National Mission on Sustainable Habitat.

## Approach

The Sustainable Urban Habitat Action Plan will be prepared by Nashik Municipal Corporation with the support of GIZ-IGEP with support from ICLEI-South Asia in an active and participatory manner. The plan will involve identification and formation of a core team at the state and city level for monitoring the process. In the preliminary phase, a status report will be prepared for all the relevant sectors and will include an energy baseline and a Green House Gas (GHG) inventurisation for Nashik. The data will be analysed and the impacts of climate change on each sector for both adaptation and mitigations measures will be suggested. A detailed SUHAP for Nashik city will be prepared in line with NMSH and handholding support will be provided to Nashik city and MEETRA to make the process self-sustainable.



### Contact

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## Activities

- The city-level committee on climate change will be formed, in accordance with the NMSH, with representation from all stakeholders under the chairmanship of the Mayor. A core group will be formed for the plan preparation under the chairmanship of Commissioner, Nashik.
- Initial consultations will be held with relevant departments within NMC (executive and elected wings), other relevant organizations in Nashik to discuss the methodology and the data requirements for undertaking the action plan preparation.
- Status report will be prepared based on climate change relevant data in the identified sectors in the city in coordination with other departments.
- A detailed Sustainable Urban Habitat Action Plan will be prepared following a participatory method in order to address both mitigation and adaptation issues relevant for the city of Nashik.
- Nashik Municipal Corporation will be supported in the process of implementation of SUHAP as identified by the stakeholders.
- Nashik will be supported in carrying out the implementation of identified interventions within the time frame of the project.
- Support will also be provided to State government department/officials as required under the NMSC Capacity of all relevant stakeholders including MEETRA will be built throughout the entire process.
- Support will be provided to MEETRA for developing a plan for up-scaling the SUHAP methodology to other cities in the state.

## Expected Results

- Status report containing baseline energy consumption, GHG emissions and vulnerability assessment for Nashik
- Sustainable Urban Habitat Action Plan (SUHAP) for Nashik city covering the aspects of water supply, urban planning, urban transport, waste water, solid waste management, energy efficiency of buildings, and urban storm water drainage.
- Implementation of identified measures by Nashik Municipal Corporation in the city of Nashik.