

Second Steering Committee Meeting on Climate Change Adaptation for Industrial Areas of Telangana

2:30 PM – 4:30 PM, March 01, 2017,
3rd Floor Conference Room, D Block, Telangana
Secretariat

Minutes of Meeting

The Vice Chairman & Managing Director, TSIIIC briefed about the Climate Change Adaptation programme being taken up by GIZ through M/s. Integration Environment & Energy under the " Indo German Development Cooperation.

Dr. Dieter Brulez, Director, Climate Change Adaptation Project of M/s. Integration Environment & Energy presented the details of studies carried out and proposed recommendations on the Climate Risk Analysis and Climate Change adaptation Measures.

The following decisions have been taken by the Steering Committee:

1. Use of Risk Analysis and Methodology:

1. Steering Committee has endorsed the Guidelines and Manuals developed for climate risk analysis and climate change adaptation measures.
2. It was decided that TSIIIC **Planning Division** will use the developed guidelines for considering CRA into the planning process for all new industrial parks and retro-fitting of existing parks.
3. SC recommended to TSIIIC **Engineering Division** to use the developed manuals for considering design and implementation of CCA measures for all new and existing industrial parks
4. PCB and IT department were advised to adopt the CRA/ CCA measures
 - a. Pollution control board to examine for stipulating the conditions pertaining to Climate Change Adaptation measures in regulatory order.
 - b. IT department along with State Disaster Management Authority is developing Web based early warning system for Heat Waves and Drought. The CRA and CCA measures developed be integrated into the Web based programme as risk analysis and adaptation measures for Heat Waves and Droughts, which can be used by other sectors of state level departments.

2. Creating Awareness and Capacity Development

1. It was recommended that TSIIIC shall cover the **cost of venue, arrangements and materials** for training its staff and facilitate with other department for participation. The 3-day training shall be organised preferably as a residential training programme. It was decided that EPTRI shall host the half day training programme for decision makers and One-day training for Senior Officers.
2. It was suggested that training programmes should also include planning consultants like Surabana Jurong and Project Management Consultants like IL&FS. It was suggested that GM (Projects) should coordinate with the Consultants for the training programmes.

3. Policy Mainstreaming and Up scaling:

1. SC has endorsed the CCA policy guidelines document and recommended that CCA policy will be incorporated into TSIIIC corporate policy and Telangana State Industrial Policy
2. SC recommended that TSIIIC will consider CRA into planning process of 3 identified parks (Hyderabad Pharma City, Shamshabad; Gudimalkapur, Bhuvanagiri, and Kakatiya Textile Park, Shyampeta, Warangal Rural) and considers to include CRA/CCA into at least 50% of planned expenditures in 2017-18.
3. CRA / CCA will be integrated into already allotted EMP budget (5%) for all New Parks of TSIIIC.
4. Steering committee proposed to include CCA policies into pollution control board and state disaster management agency.
5. It was suggested to coordinate with PCB official Mr. Raveendhar, Senior Environmental Engineer, TSPCB to appraise CCA project to Member Secretary for inclusion of CRA / CCA into the relevant regulation.
6. Also, it was suggested to include plantation guidelines by CCA Project Team into forest department procedures and guidelines for THH. TSIIIC will facilitate the coordination.
7. SC advised EPTRI to identify organizations/departments where CRA / CCA can be included in their regulations.
8. SC has advised M/s. Integration to coordinate and work inline with EPTRI as EPTRI is also undertaking the Climate Change Adaptation in Rural Areas of India.

4. Support and Implementation

1. It was suggested to incorporate all the suggestions made by CCA Project Team to include CRA / CCA and Sustainability Criteria into the master planning of Hyderabad Pharma City. GM (Projects) will coordinate with the consultants for incorporating of these suggestions.
2. Chief Engineer (TSIIC) was recommended to coordinate with ZM (Jeedimetla) for identification of CCA measures in IP Jeedimetla and one more park, if possible.
3. TSIIC to make financial resources available for implementing proposed adaptation measures in the Jeedimetla industrial park and one more park, if possible.
4. Advised all the members of Working Group to participate actively in the meeting, training programs and decision making process.

VC & MD, TSIIC emphasised that all recommendations and endorsement will be taken up by TSIIC in due time.

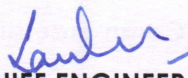
List of attendees and Output along with project indicators are enclosed as Annexure.

Sd/-

09.03.2017

Principal Secretary
Industries & Commerce Department
Govt. of Telangana

//T.C.F.B.O//


CHIEF ENGINEER 13/3

ANNEXURE - I

List of participants attended:

Steering Committee Members

1. Mr. Jayesh Rajesh, Principal Secretary, Department of Industries and Commerce, GoTS
2. Mr. E. V. Narasimha Reddy, Vice Chairman & Managing Director, TSIC Ltd.
3. Mr. N. Raveendhar, Senior Environmental Engineer, TSPCB (MS Representative)
4. Ms. P. Dhanya, Scientist (DG representative), EPTRI
5. Mr. Anil Reddy, Senior Vice President (FTAPCI)
6. Mr. R.K. Agrawal, General Secretary (BDMA)
7. Mr. Akhilesh Mahadev, Director (FICCI)
8. Dr. Dieter Brulez, Director, CCA Project

Telangana State Industrial Infrastructure Corporation

1. Mr.A. Lakshmikanth Reddy, Chief Engineer.
2. Ms.D. Gitanjali, Chief General Manager (Asset Management).
3. Mr.K.Shyam Sunder, General Manager (E) Projects.
4. Ms. B.Sunitha Bai, General Manager (Asset Management).
5. Ms. P.K.Revathi Bai, Zonal Manager, Patancheru.
6. Mr. Deepak Kumar, Manager (Finance).
7. Mr. M. Rajkiran, Environmental Engineer.
8. Ms. S. Archana, Environmental Engineer.

Environmental Protection Training and Research Institute

1. Ms. Shaily, Consultant.

Federation of Indian Chambers of Commerce and Industry

1. Ms. Vandana Chennur, Senior Assistant Director.

Climate Change Adaptation Team, Hyderabad

1. Mr. Hrishikesh Mahadev, Technical Advisor.
2. Dr. Rajani, Technical Advisor.
3. Mr. HB Ganesh, Manager.
4. Ms. Dhanalakshmi, Secretary.

Key Objective and Outputs of the CCAIA Project

1. The **Climate Change Adaptation for Industrial Areas (CCAIA)** project is assisted by the German Government and being carried out by consortium of INTEGRATION Environment and Energy GmbH, Adelphi Consult and Ifanos Concept & Planning (INTEGRATION) of Germany on behalf of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.
2. This cooperation project will help to proactively take measures in Industrial Parks and develop methods, tools and plans for climate-resilient industrial area development and implement the measures on pilot basis in selected existing and new Industrial Parks in the State.
3. The overall objective of the Project
“Key decision-makers and planning authorities are able to plan and design existing and new industrial area to be more climate-resilient”
4. As a part of the CCA project, 5-working groups covering 4 project Outputs (each group having 5 officials from TSIIIC) were formed and planning workshop was conducted in the month of August 2015, where the project objectives, approaches and plans were discussed with following working group.
 - a. **Risk Assessment and Methodology (Output 1)**
 - Working Group:1A - Guidelines
 - Working Group:1B - Engineering & Planning
 - b. **Awareness and Capacity Building (Output 2)**
 - Working Group:2 - Capacity Development
 - c. **Policy and Up-Scaling (Output 3)**
 - Working Group:3 - Policy & UP-Scaling
 - d. **Support in planning and implementation (Output 4)**
 - Working Group:4 - Implementation & Support

Each output has been assigned to one working group and each output is further measured by 2 indicators. The details of output and corresponding indicators as proposed by GIZ is mentioned below;

Output 1: Two state-level government institutions (besides the two Partner organisations) use the risk analysis and methodology devised for climate-resilient development and retrofitting of industrial areas in their planning processes and in the formulation of rules and procedures.

Indicator A1: Three guidelines illustrating the methodology on how to integrate results of the risk analysis in planning and decision-making processes have been developed.

Indicator A2: A handbook for engineers on the climate-resilient implementation of infrastructure measures has been developed

Output 2: Two state governments or private sector organisations have integrated the subject of climate adaptation for the industrial sector into their strategies / policies.

Indicator B1: 70% of the staff, including all women professionals and decision makers, working in priority departments/work areas (key personnel), of the state-level Industries and Commerce Department and industrial development agencies as well as selected industrial area administrations, have successfully passed the final test of the training session on how to use the risk analysis.

Indicator B2: 70% of the site managers, including all women professionals and decision makers, of the industrial development agencies and selected Industrial Area Local Authorities (IALA), have passed the final test of the training session on how to implement climate-resilient measures

Output 3: One selected industrial development agencies has considered climate risks in at least 50% of its planned investment for the financial year 2017 (e.g. Land acquisition, development infrastructure expansion and retrofitting of industrial areas)

Indicator C1: Two state Level government or private sector organizations have developed proposals on how to integrate climate adaptation in their strategies.

Indicator C2: Proposals on how to consider climate risks in two regulations that ensure climate adaptation have been developed

Output 4: Three industrial areas are implementing the climate-resilience measures prioritised in their adaptation and development plans

Indicator D1: Key actors of the private sector in the pilot industrial area integrate "adaptation" into their climate or environment action plans (5 action plans of the private sector include the topics of climate resilience)

Indicator D2: Three climate-resilient development OR adaptation plans for industrial areas have been drafted and priority measures have been identified.