

Adapt Cap



*Climate Proofing
Vulnerable Coastal
Communities*



giz



AdaptCap at a Glance

Strengthening Adaptation Capacities and Minimizing Risks of Vulnerable Coastal Communities in India (AdaptCap).

Project Management

GIZ-Advisory Services in Environmental Management (ASEM).

Cooperation Partners

- Academy of Gandhian Studies (AGS)
- AVVAI Village Welfare Society
- Local governments for Sustainability □
- South Asia (ICLEI)
- adelphi research gemeinnuetzige GmbH □
(adelphi)

Issues addressed through the Project

Climate change adaptation (CCA), climate change mitigation (CCM) and disaster risk reduction (DRR).

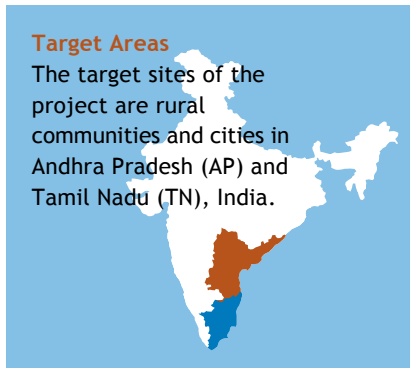


Objective

The overall objective of the project is to reduce the vulnerabilities of coastal communities to climate change risks through the implementation of effective CCM, CCA and DRR measures.

Target Areas

The target sites of the project are rural communities and cities in Andhra Pradesh (AP) and Tamil Nadu (TN), India.



Background

India has a 7500 km long densely populated coast line, which is vulnerable to coastal floods, erosion, hurricanes, cyclones, and tsunamis. The coastal states of India are increasingly facing environmental and socio-economic pressures exacerbated by global climate change and climate variability. India's Initial National Communication 2004 (NATCOM 1) to UNFCCC predicted a mean sea level rise of 15-38 cm along Indian sea coast by mid of 21st century. Coastal communities lack the appropriate institutions and processes to effectively confront these challenges.

The target sites are severely affected by climatic variability e.g. by flooding, cyclones, coastal erosion and droughts. In addition to climatic variability, the selected states were severely devastated

by the Tsunami. To date, little concrete action has been taken to in-crease CCA and CCM capacities of local authorities and communities in the coastal regions of India. By addressing the diverse needs of coastal communities and cities the project aims at proofing the community against climate change related threats by strengthening human and institutional capacities for planning and responding to these threats.



AdaptCap in Detail

Overall Goal

The goal of the project is to reduce the vulnerabilities of coastal communities and cities in Tamil Nadu and Andhra Pradesh (India) to climate change and strengthen capacities of local authorities and the population on climate change mitigation, climate change adaptation and disaster risk management.

Specific Objectives

- Create and implement measures for CCA, CCM and DRR in coastal communities and support local authorities in addressing related challenges
- Develop and carry out pilot initiatives on CCA and CCM in rural communities (e.g. by improving local infrastructure)
- Improve capacities and decision making skills of local bodies and communities on CCA and CCM and provide advisory services on DRR
- Create public awareness and improve regional and global visibility of the project and stimulate networking



Expected Results

- Needs and vulnerabilities related to climate change in the coastal communities assessed
- Locally adapted CCA and CCM guides are developed
- Pilot projects and infrastructure facilities in coastal communities are installed
- Capacity of local authorities and awareness of the population on climate change, CCA and CCM is improved
- Project results are visible at regional and global level by information sharing and networking is established

Project Approach

The project adopts an integrated strategy of strengthening linkages between civil society and local bodies to improve livelihoods of the population on the one hand as well as environmental sustainability on the other. All activities are in line with this strategy and form part of the work packages of the project:



WP 1: Creating, adapting and implementing concepts and approaches for adaptation and mitigation of vulnerabilities in coastal communities

WP 2: Pilot initiatives to adapt and mitigate vulnerabilities of the communities through multi-sector cooperation and technology transfer

WP 3: Capacity Building

WP 4: Public awareness campaigns, visibility and networking

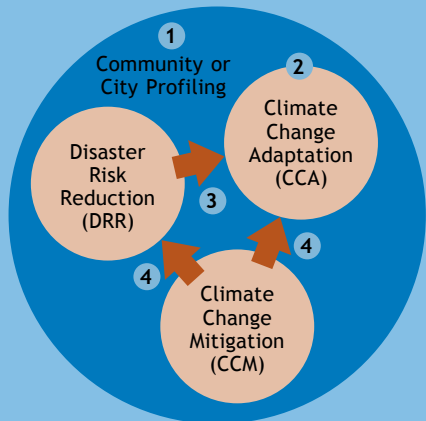
Interlinking Project Issues

Integrating CCA, CCM and DRR

The project issues are linked to one another in the following manner:



1. Community / city profiling to determine existing situation
2. Climate change adaptation needs and vulnerabilities
3. Disaster risk reduction needs (later linked to CCA)
4. Climate change mitigation linked to CCA and DRR



Beneficiaries

Target Groups

The target groups are (amongst others):

- Population in rural coastal communities
- Population in large and medium-sized cities
- Local authorities and planners
- Relevant institutions and organizations involved in CCA, CCM and DRR
- Civil society representatives (community based or Non-Governmental Organizations) for implementing pilot projects and conducting trainings

Cluster Approach

Target Regions

Initially, 6 clusters are targeted; these consist of 1 city and 3 villages each. The idea is to also strengthen the urban-rural links within the target clusters. The following are included in the first phase:

- Vishakhapatnam (AP) and villages
- Ongole (AP) and villages
- Kavali (AP) and villages
- Ponneri (TN) and villages
- Chidambaram (TN) and villages
- Vedharanyam (TN) and villages





Contact Information

GIZ-ASEM

Ashish Chaturvedi

B-5/2, Second Floor, Safdurjung Enclave

New Delhi - 110029, India

Tel: +91-11-49495353

Email: ashish.chaturvedi@giz.de

Web: www.aseindia.com

Academy of Gandhian Studies

Gopalakrishna Murthy

18-3-60, SDRSI Complex

K.T. Bye pass Road

Tirupati - 517507

Andhra Pradesh, India

Tel: +91-9849491225

Email: ags.gtz@gmail.com;

ags76@rediffmail.com

AVVAI Village Welfare Society

K. Krishnakumar

260, Public Office Road

Velipalayam, Nagapattinam - 611001

Tamil Nadu, India

Tel: +91-944-3317544

Email: avvaikk@gmail.com

ICLEI, Local Government for Sustainability, South Asia

Emani Kumar

Ground Floor, NSIC-STP Complex

NSIC Bhawan

Okhla Industrial Estate

New Delhi - 110020, India

Tel: +91-11-41067220

Email: iclei-southasia@iclei.org

Web: www.iclei.org/sa

adelphi research gemeinnuetzige GmbH

Mikael Henzler

Sibylle Kabisch Caspar-Theyss-Str. 14a

14193 Berlin, Germany

Tel: +49 (0)30 89 000 68 0

Email: henzler@adelphi.de;

kabisch@adelphi.de

Web: www.adelphi.de

