


Ministry of Health & Family Welfare
Government of India



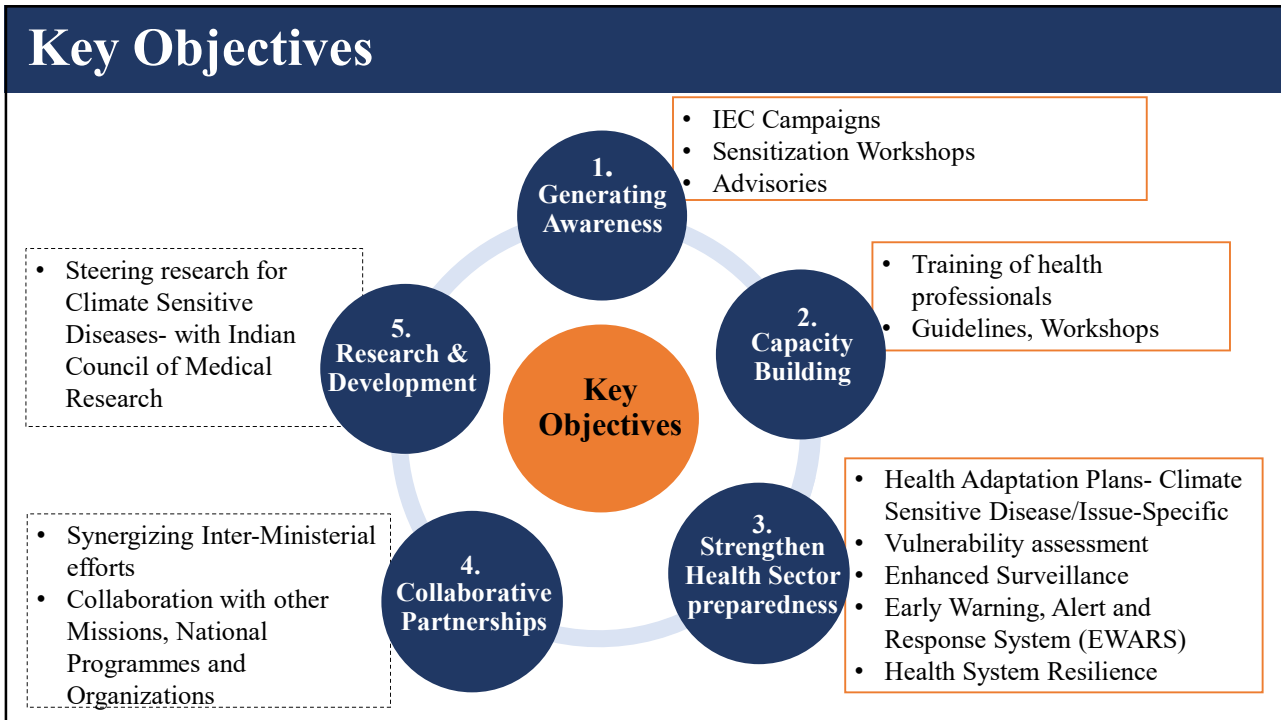
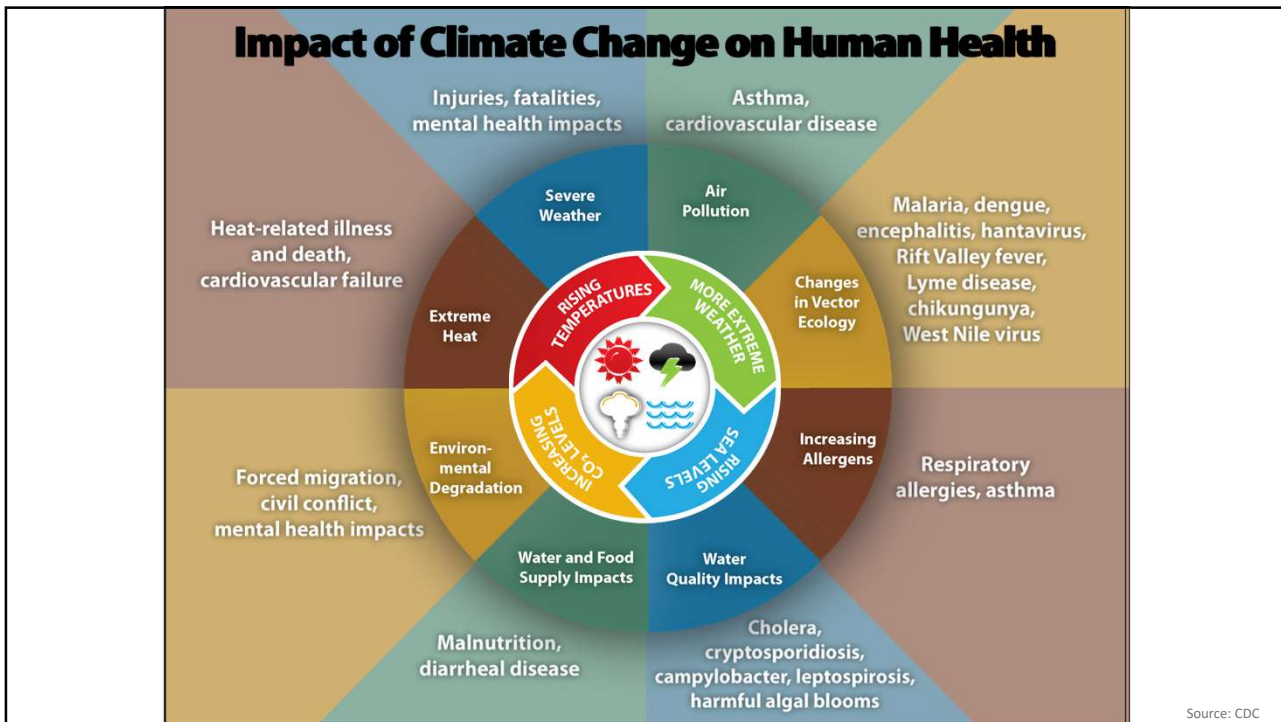
**National Programme
on Climate Change
and Human Health**

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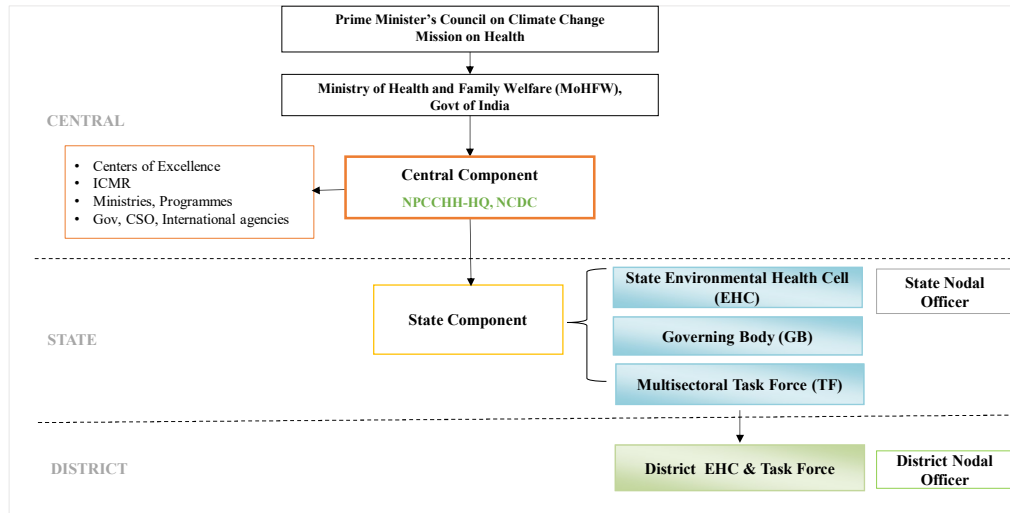
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Background

- **Mission on Health** introduced in Prime Minister's Council on Climate Change, 2015
- Nodal Ministry : Ministry of Health and Family Welfare
- National Centre for Disease Control to provide technical support
- **National Action Plan for Climate Change and Human Health** prepared by National Expert group in 2015, revised in 2021
- Goal: To reduce injuries, morbidity, mortality, and health vulnerability to climate variability and extreme weather events
- **National Programme on Climate Change & Human Health (NPCCHH)** launched, 2019



Organizational Framework



Climate Sensitive Health Issues & Centres of Excellence (CoEs)

Health Issues	Centre of Excellence
1. Air Pollution related Illnesses	Post-graduate Institute of Medical Education & Research, Chandigarh (PGIMER)
2. Heat related Illnesses	Indian Institute of Public Health, Gandhinagar (IIPH)
3. Green and Climate resilient Infrastructures	Public Health Foundation of India, Gurugram (PHFI)
4. Vector Borne Diseases	A. National Institute of Medical Research, NIMR, Delhi B. Centre for Medical Entomology and Vector Management, NCDC
5. Extreme Weather Events	National Institute of Disaster Management, New Delhi (NIDM)
6. Water Borne Diseases	National Institute of Cholera and Enteric Diseases, Kolkata (NICED)
7. Allergic Diseases	Vallabhbhai Patel Chest Institute, New Delhi (VPCI)
8. Cardio-pulmonary Diseases	All India Institute of Medical Sciences, New Delhi (AIIMS)
9. Nutrition related diseases	National Institute of Nutrition (NIN)
10. Occupational Health	National Institute of Occupational Health, Ahmedabad (NIOH)
11. Mental Health	National Institute of Mental Health & Neurosciences, Bangalore (NIMHANS)
12. Food security related issues	Nutrition Foundation of India, Delhi (NFI)
13. Vulnerability Needs Assessment	International Institute of Health Management Research, Delhi (IIHMR)
14. VNA/Health Information System	The Energy and Resources Institute, Delhi (TERI)
15. Coastal Climate Sensitive Diseases	Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry
16. Hilly region and Mountainous Climate Sensitive Diseases	North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong (NEIGRIHMS)
17. Zoonotic Diseases and One Health	Division of Zoonotic Disease Programmes, National Centre for Disease Control

General Awareness



Health facility-based IEC on heat, Delhi



Awareness on HRI in traffic workers, Gujarat



Temperature Threshold-based Video IEC, Ahmedabad, Gujarat



Rally on Int. Day of Clean Air for Blue Skies, Jammu

Intl Day of Clean Air for Blue Skies celebrations at Ziro



ZIRO, Sep 14: The 3rd International Day of Clean Air for Blue Skies under the theme, 'The Air We Share' was organized at the Hill Queen Education Institute here today by District Health Society, NPCCHH Ziro.

To mark the occasion, a seminar was organized on Air Pollution under five topics comprising Air Pollution and Air Quality, Air Pollution, Air Pollution and its Health Effects, Air Pollution and its Effect on Respiratory System and Indoor and Outdoor Air Pollution.

Ten students participated in the seminar competing two students in one of the given topics: Puchi Yama and Tapin Chai won the first prize on the topic 'Air Pollution and its Health Effects', while Nam Njyimgang and Sumir Bora were the runners-up.

Late NPCCHH Ziro-ent District Nodal Officer Dr. Subo Habong distributed certificates and cash prizes to the winners.

Air many as 200 students attended the seminar.

Air pollution-health awareness, Arunachal Pradesh



IEC in a vulnerable group, Delhi



Air pollution-health awareness at Girls Inter College, Ghiror, Utter Pradesh



Radio awareness session on World Health Day, UT Daman

Capacity Building



Medical officer training, Punjab



District level training, Jharkhand



Guidelines, SoP, training manuals



Webinar on latest research by NPCCHH-Hq



Field visit of State Nodal officers at CHC on heat preparedness, Gujarat



National workshop of State Nodal officers on Green-Climate Resilient Health Infrastructure, Kerala



National review meeting- NPCCHH, Delhi



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Strengthen Health Sector Preparedness

Operational	Green & Climate Resilient Health Care Infrastructure
<ul style="list-style-type: none"> Adaptation/Action plans <ul style="list-style-type: none"> National, State, District Action Plans Advisories health sector preparedness Early warnings of extreme weather (incl air pollution) Early warning, alert and response System (EWARS) Enhanced Surveillance <ul style="list-style-type: none"> Air pollution related diseases Heat related illnesses Vulnerability assessment 	<ul style="list-style-type: none"> Energy efficiency: energy audit, LED replacement Renewable energy: solarization Rainwater harvesting New building/Retrofitting: cool roofs, flood resilient measures



Solarization of a health centre, Chhattisgarh

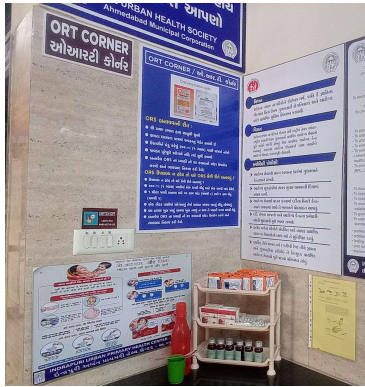


Flood resilient PHC, Kerala

Image source: State NHM

Strengthen Health Sector Preparedness

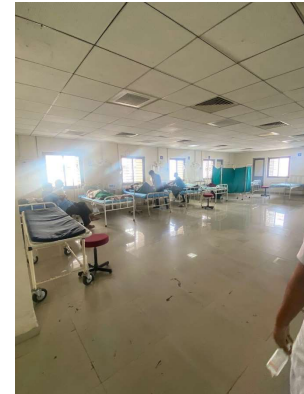
Hospital preparedness to prevent and manage cases of HRI



Oral Rehydration Therapy Corners in health facility, Gujarat



Special Heat Stroke Ward (20-beds), L.G. Hospital, Ahmedabad, Gujarat



Thank You