**CLIMATE CHANGE & HUMAN HEALTH**

**NATIONAL HEALTH MISSION**

**GOVERNMENT OF MIZORAM**

**PROGRAMME IMPLEMENTATION PLAN FOR 2020-21**

Experts have expressed concern that climate change is the biggest threat to public health in the 21st century (The Lancet). Climate change has the potential to undo gains in public health achieved over the past years especially in relation to communicable diseases and malnutrition. Non-communicable diseases such as respiratory infections, cardiovascular diseases, etc., are also aggravated by climate change.

Climate change and human health programme is being proposed to be implemented through National Health Mission (NHM) in Mizoram from FY2020-21 to pave the way for implementation of the full-fledged State Action Plan on Climate Change and Human Health (SAPCCHH) prepared along the lines of the National Action Plan on Climate Change and Human Health (NAPCCHH).

In the first year of implementation, the following activities are proposed to be taken up with the following objectives:

1. To increase the level of awareness regarding the impact of climate change on human health with the aim of integrating climate friendly lifestyles and adaptation mechanism among the general public
2. To establish a knowledge base to improve upon our heat- and air pollution- related action plans by undertaking surveillance
3. To undertake a rigorous situational analysis regarding local need for climate change adaptation planning

The programme is proposed to be implemented in a phase-wise manner. There are 9 health districts in Mizoram. In the first year, we plan to roll-out the programme in 2 health districts -

1. Aizawl East
2. Mamit

***Activities proposed are as follows***:

**1. FMR 3.3.3.1. One-day Sensitization on Climate Sensitive Illnesses:**

This is for Village Councils as identified by Community Processes (CP) programme of NHM. 181 VHSNCs are identified across 2 districts mentioned above. A One-day sensitization on Climate sensitive illnesses has to be conducted with all VHSNCs and other vulnerable communities (women, children, occupationally exposed, etc.) in all blocks of the selected districts.

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| **S.No** | **Name of District** | **Total no. of VHSNCs** | **Unit cost in Rs.** | **Total cost in Rs.** |
| 1 | Aizawl East | 115 | 1,000 | 1,15,000 |
| 2 | Mamit | 66 | 1,000 | 66,000 |
| **Total** | | **181** | **1,000** | **1,81,000** |

***Rupees One lakh & Eighty-One thousand only***

**2. FMR 9.5.29.8 - Trainings on Climate Change & Human Health**

The following capacity building activities are proposed to be undertaken under this FMR:

**I. District level training on Climate Change of Health workers (2 days) at the district and the block level**: In this training, one health worker from each Sub-Centre and Clinic in the selected districts will be imparted training so that he/she will be able to train the communities further.

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| **S.No** | **Name of District** | **Total no. of Sub-Centres/Clinics** | **Unit cost in Rs. per health worker** | **Total cost in Rs.** |
| 1 | Aizawl East | 93 | 3,000 | 2,79,000 |
| 2 | Mamit | 40 | 3,000 | 1,20,000 |
| **Total** | | **133** | **3,000** | **3,99,000** |

***Rupees Three lakhs & Ninety-nine thousand only***

**II. District level training on Climate Sensitive diseases of district level** - medical officers & programme officers in each district (1day). In this training on Climate change and human health, medical officers posted at PHCs, CHCs, SDHs, DHs & programme officers will be targeted for training.

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| **S.No** | **Name of District** | **Total no. of Medical Officers to be trained** | **Unit cost in Rs. per Medical Officer** | **Total cost in Rs.** |
| 1 | Aizawl East | 12 | 4,000 | 48,000 |
| 2 | Mamit | 11 | 4,000 | 32,000 |
| **Total** | | **23** | **4,000** | **80,000** |

***Rupees Eighty thousand only***

**III. District level task force meeting with invited experts regarding District action plan**:

District level task forces will have to be constituted in all the districts who will conduct their meeting with invited experts.

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| **S.No** | **Name of District** | **Total no. of task force meetings to be held** | **Unit cost in Rs.** | **Total cost in Rs.** |
| 1 | Aizawl East | 1 | 4,000 | 4,000 |
| 2 | Mamit | 1 | 4,000 | 4,000 |
| **Total** | | **2** | **4,000** | **8,000** |

***Rupees Eight thousand only***

**IV. State level training on Climate change of state health authorities and relevant program officers:** State level training on Climate Change must be conducted for all state level health authorities and programmes at a cost of Rs. 50,000 per training.

**16.1.2.1.23 State level task force meeting with invited experts regarding state action plan**: It is proposed that State level task force meeting be held at least twice during the financial year to discuss elements related to State Action Plan @ Rs. 3,500 per meeting. 2 meetings are projected with a total cost of Rs. 7,000 only.

**16.1.2.1.24** Climate Change and Human Health **Governing Body meeting** with relevant stakeholders including those from outside the Department can be conducted at least once a year with a cost of Rs. 25,000 per meeting.

**3. FMR 10.2: Research & Surveys:**

**FMR 10.2.14: Any other -**

3 activities are proposed under the FMR.

**I. Vulnerability assessment of Climate Change in every district** - This can be conducted in all 2 districts of the state @ Rs. 25,000 per district. Total cost is Rs. 50,000 (Rupees Fifty thousand only)

**II. Air pollution related illness surveillance in every district** - The amount proposed under the FMR may be utilized as operational expenses for surveillance of air pollution related illnesses @ Rs. 10,000 per district per year. Total cost for 2020-21 is Rs. 20,000 (Rupees Twenty thousand only)

**III. Heat related illnesses and death surveillance in every district** - Rs. 5000 per district per year is proposed as Mizoram is a relatively cooler state. However, during the 3 summer months - April - June of each year, surveillance may be conducted to capture heat related illnesses through hospitals (public & private) in OPDs & emergencies. The total cost is Rs. 10,000 (Rupees Ten thousand only)

**4. Other printing activities**

**FMR 12.17.3 Printing of training material**

Training material that been developed for Health Mission under NAPCC, Environment Forests & Climate Change department will be translated into Mizo language and printed for dissemination to all health workers.

350 training materials will be printed @ Rs. 300 per material. Total cost is Rs. 1,05,000 (Rupees One lakh & Five thousand only)