Developing of Health National Adaptation Plan (H-NAP) and H-NAP Formulation in Timor-Leste

Luis dos Reis, MAAppEpid
Team Lead, PPM/Env Health & CC/WHE
WHO Timor-Leste
Overview

1. Introduction
2. Process of developing H-NAP and H-NAP Roadmap
3. Outlines of HNAP
4. Lessons Learnt
5. Recommendations / Way forward
Timor-Leste
(Democratic Republic of)
### Key indicators, Timor-Leste

<table>
<thead>
<tr>
<th><strong>Demographic estimate</strong></th>
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<tbody>
<tr>
<td>Total population, Population Census (2015)</td>
<td>1.2M</td>
</tr>
<tr>
<td>Population growth rate (2013)</td>
<td>2.40%</td>
</tr>
<tr>
<td>Population under five (2013)</td>
<td>15.80%</td>
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<tr>
<td>Population over 65 years of age (2013)</td>
<td>5.30%</td>
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<thead>
<tr>
<th><strong>Economic and Development indicators</strong></th>
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<tbody>
<tr>
<td>Literacy among adult population (ages 15 and over)</td>
<td>64.40%</td>
</tr>
<tr>
<td>HDI (2015)</td>
<td>0.606</td>
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<thead>
<tr>
<th><strong>Health estimates</strong></th>
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<tbody>
<tr>
<td>Years of life expectancy at birth (2016)</td>
<td>68.6 years</td>
</tr>
<tr>
<td>Under-5 mortality per 1000 live births (2013)</td>
<td>57</td>
</tr>
</tbody>
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<tr>
<th><strong>Clean energy and ambient air pollution</strong></th>
<th></th>
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<tbody>
<tr>
<td>Proportion of population with primary reliance on clean fuels, 2017 (%)</td>
<td>12</td>
</tr>
<tr>
<td>Annual mean concentrations of fine particulate matter (PM2.5) in urban areas (µg/m³) - 2016</td>
<td>17.9</td>
</tr>
</tbody>
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Health SDG - indicators

2019 Health SDG Profile: Timor-Leste

Population (000s) 1,293
Urban population 30.6%
Poverty (ppp < $1.90 a day) 30.3%
GDP per capita (Current US$) 3,893.6
Current health expenditure as share of GDP 2.4%

SDG 3: Health targets
Maternal and child mortality (SDG target 3.1, 3.2)

Maternal mortality ratio

Births attended by skilled health personnel

Child mortality

MMR (per 100,000 live births)

Percentage (%)

Births attended by skilled health personnel

CMR (per 1000 live births)
Good health and well-being
Ensure healthy lives and promote well-being for all at all ages
Outline of Timor-Leste’s H-NAP
(Based on Guidelines for Development, Approval and Review of Health Policy in Timor-Leste)
1. Health National Adaptation Plan (H-NAP) for preventing health risks and diseases from climate change in Timor-Leste (2020-2024) (Final Draft)
H-NAP Development Process

Laying the groundwork
- Align H-NAP with the national process
- Take stock of information
- Address capacity gaps in undertaking the H-NAP

Preparatory elements
- Conduct a vulnerability and adaptation assessment
- Review climate change implications for health systems
- Develop a national adaptation strategy

Implementation strategies
- Develop an implementation strategy
- Promote coordination and synergy with the NAP process

Reporting, monitoring, and reviewing
- Monitor and review the H-NAP
- Update the H-NAP regularly
- Outreach on the H-NAP process

World Health Organization Timor-Leste
Stakeholders participated in H-NAP

Government ministries/institutions:
1. MoH
2. Secretary of State of Environment
3. Ministry of Public Work
4. Ministry of Education, Youth and Sport
5. Ministry of Agriculture, Forestry and Fisheries
6. Sec of State, Civil Protection, Ministry of Interior
7. Local authorities

Multilateral and Bilateral/ Donor agencies:
1. WHO
2. UNICEF
3. UNDP
4. Donors (EU, DFAT, USAID)

National and international NGOs:
1. World Vision Timor-Leste
2. Plan International
3. Water Aid Australia
4. Timor Aid

Civil societies:
1. CBOs
2. The religious organizations
3. Women’s Network
4. The professional organizations
5. The Red Cross
Development of NAP Roadmap

Development and finalization of H-NAP

- Briefed policy makers
- Discussed steps for HNAP
- Conducted M&E Plan for HNAP process
- Defined NAP framework and strategy
- Created national vision and mandates for HNAP processes
- Kicked start HNAP development process

Jan/Feb 2018
Mar 2018
Oct 2018
Oct 2018
Mar 2019

[Image of World Health Organization Timor-Leste]
Initial meeting with Env. Health Department, MoH
Inception workshop on health, vulnerability & adaptation assessment
Inception workshop on health, vulnerability & adaptation assessment
Met the National Director of Meteorology
Validation workshop on health, vulnerability & adaptation assessment
H-NAP inception workshop inauguration
Consultation workshop for H-NAP development
Presented V&A and H-NAP to 3rd National Conference on Climate Change, 6-7 June 2019 & Met GCF team
3.0 Goal and Objectives

3.1 Goal
- To protect and promote health of Timorese People in a Healthy Timor-Leste through sustainable and climate resilient programmes
3.2 Strategic objectives

- To reduce burden of climate sensitive vector-borne disease
- To reduce morbidity and mortality from water-borne and faecal-orally transmitted diseases
- To reduce health and social burden of food and nutrition related illness
- To reduce morbidity and mortality from climate sensitive and air quality related illnesses and diseases
- To reduce heat related illnesses and occupational hazards
## Sample of action plan

### Annexure I: Plan of Action for Health National Adaptation Plan (H-NAP) with indicative budget (2020-2024)

<table>
<thead>
<tr>
<th>Expected Result</th>
<th>Planned Activities</th>
<th>Implementing Agency Collaborating partner</th>
<th>Indicator</th>
<th>Budget in thousands (USD)</th>
<th>Total Budget</th>
<th>Funding sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morbidity and mortality from vector borne diseases reduced</td>
<td><strong>Objective</strong>: To reduce burden of climate sensitive vector-borne disease to such an extent that it is no longer a public health problem</td>
<td>Lead: Communicable Diseases Control Division Partners: EH Division</td>
<td>Number of surveillance report received</td>
<td>25</td>
<td>25</td>
<td>25</td>
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<tr>
<td></td>
<td>1. Vector surveillance and monitoring including risk mapping</td>
<td></td>
<td></td>
<td>20</td>
<td>20</td>
<td>20</td>
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<tr>
<td></td>
<td>2. Conduct training on climate sensitive vector borne diseases to the communities and carry out advocacy with relevant stakeholders</td>
<td>Lead: Communicable Diseases Control Department Partner: EHSS Department, Health Promotion Department and National Health Institution</td>
<td>Number of people trained</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>3. Train health</td>
<td>Lead:</td>
<td></td>
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**Goal of the HNAP**: To protect and promote health of Timorese People in a Healthy Timor-Leste through sustainable and climate resilient programmes

**Strategic Component 1: Vector Borne diseases**
## Summary of planned budget

**HNAP (2020-2024)**

<table>
<thead>
<tr>
<th>Objectives</th>
<th>USD</th>
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<tbody>
<tr>
<td>1. to reduce burden of climate sensitive VBDs</td>
<td>1270000</td>
</tr>
<tr>
<td>2. to reduce morbidity &amp; mortality related to WASH diseases</td>
<td>780000</td>
</tr>
<tr>
<td>3. to reduce health and social burden of Food security and nutrition related illnesses</td>
<td>1070000</td>
</tr>
<tr>
<td>4. To reduce morbidity &amp; mortality from climate sensitive and air quality related illness and diseases</td>
<td>1150000</td>
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<tr>
<td>5. To reduce health related illnesses and occupational hazards</td>
<td>670000</td>
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<tr>
<td>6. To manage medical waste in an environmentally friendly way to protect human health and environment</td>
<td>650000</td>
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<tr>
<td>7. To prevent and control NCDs, injuries and mental illness</td>
<td>2060000</td>
</tr>
<tr>
<td>8. to effectively respond and to minimize health risks from climate induced disasters and emergencies</td>
<td>1215000</td>
</tr>
<tr>
<td>9. Promote healthy and sustainable built environment that creates better environment for healthy life and to promote green concept in HCFs</td>
<td>447000</td>
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<tr>
<td>10. Evidence generation and advocacy</td>
<td>1260000</td>
</tr>
<tr>
<td>11. To ensure sustained financing and health and climate change adaptation and mitigation</td>
<td>225000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10797000</strong></td>
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Lessons Learnt

1. Required high level commitments of MoH and government ministries
2. Inclusiveness and active engagements of relevant government sectors and civil societies
3. Challenges in getting data and information
4. Resource mobilizations
5. Lack of expertise in climate change and health for sustainability
6. Pending approval of H-NAP by MoH due to COVID-19 pandemic
Recommendations and way forward

• Approval of H-NAP 2020-24
• Reduce exposures:
  • Legislative policies
  • Alterations in built environment and natural environment
• Prevent onset of adverse outcomes
  • Early warning systems
  • Surveillance and monitoring
  • Vector control programs
  • Public education and outreach

• Responses & Implementation
• M&E and Resource mobilizations
Obrigado Barak!

Thank you very much!