THRUST AREAS IN 12TH PLAN

Government of Sikkim
Sikkim: Vital Statistics

- Landlocked Indian state nestled in Eastern Himalayas
- It is the least populous state in India, Population: 6.03 lakh
- Second-smallest in area after Goa, Area: 7096 sq. km.
- 47.69% of total land is under tree cover.
- Climate: Long monsoon followed by long winter
- Home to ethnically diverse communities – Bhutia, Lepcha and Nepali
- The predominant religions are Hinduism and Buddhism
- A popular tourist destination famous for its culture, scenic beauty, ecotourism and biodiversity
**IMPACT INDICATORS**

- State has managed to leverage its natural advantages and central resources to bring the growth rate of its economy and per capita income at successful level.
- State is striving towards higher achievements within the framework of 12th Five Year Plan of the GoI.

<table>
<thead>
<tr>
<th>Indicators</th>
<th>Sikkim</th>
<th>All India</th>
</tr>
</thead>
<tbody>
<tr>
<td>Growth Rate 11th Plan</td>
<td>20.53%</td>
<td>8.2%</td>
</tr>
<tr>
<td>Poverty Ratio (Planning Commission 2009-10)</td>
<td>13.1</td>
<td>21.8</td>
</tr>
<tr>
<td>Dropout Rate in elementary schools (2009-10)</td>
<td>18.85 (2010)</td>
<td>28.86</td>
</tr>
<tr>
<td>Gender Gap in literacy rate (Census 2011)</td>
<td>10.78</td>
<td>16.68</td>
</tr>
<tr>
<td>Literacy Rate (Census 2011)</td>
<td>82.20</td>
<td>74.04</td>
</tr>
<tr>
<td>IMR (SRS 2011)</td>
<td>26</td>
<td>44</td>
</tr>
<tr>
<td>Severe Malnutrition in children (12-23 months ) NFHS 3</td>
<td>3.3</td>
<td>19.5</td>
</tr>
<tr>
<td>Anaemia in children less than 6 to 35 months (NFHS 3)</td>
<td>64%</td>
<td>78.9%</td>
</tr>
</tbody>
</table>
THE ECONOMY OF THE STATE

• The industrial base comprises of fruit processing, brewing & distilling and pharma companies

• Tourism accounts for almost 8 per cent of the GSDP

• Sikkim has a small revenue base

• State is dependent on central transfers

• State has relatively high level of capital expenditure which has sometimes resulted in very large fiscal deficits

12th Plan Growth Rate Targets (Planning Commission)
CHALLENGES IN THE TWELFTH PLAN

1. Connectivity
   - Transportation Networks

2. Sustainable Inclusive Development
   - Accelerating Growth in the Primary Sector

3. Exploiting the Hydro-Power Base
   - Important role in the future for economic growth and investment

4. Regulating Urban Development
   - Environmental sustainability of towns

5. Rebuilding After the September 2011 Earthquake
   - Continuing with rebuilding
AGRICULTURE AND ALLIED SECTORS

Challenges:
- Organic seeds, nutrients, control measures for pests and diseases
- Soil health
- Marketing: Linking farmers with the market

Overall Approach:
- Increasing food grain production
- Focus on market-oriented agriculture
- Strengthening the Agricultural Technology Management Agency ATMA and KVK institutions
- Organic
- Irrigation
- Modernisation
- Credit accessible

12th Plan Targets Agri.

12th Plan Targets Horti.

Best Practices (Organic Farming)

International Flower Show
RURAL DEVELOPMENT AND POVERTY ALLEVIATION

• Multi-pronged strategy for ‘poverty-free Sikkim’

Goal 1: Access to infrastructure & services

Goal 2: Improved earned incomes

Goal 3: Emphasis on equitable and inclusive growth

Goal 4: Facilitating empowerment

Goal 5: A stronger safety net

12th Plan Target

Best Practices
The power sector as a key driver for resource generation
Committed to ensuring minimal AT&C and T &D losses
Speedy development of the mini and small hydro projects
Revive existing power houses
Total generation of 1566 MW

ABUNDANT HYDROELECTRICITY POTENTIAL
SPEEDY DEVELOPMENT OF THE MINI AND SMALL HYDRO POTENTIAL
GENERATION OF 1566 MW MW COMING ONLINE IN THE NEXT FIVE YEARS
REVENUE GENERATION AND DEVELOPMENT

12th Plan Targets
HEPs
<table>
<thead>
<tr>
<th>TRANSPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Completion of ongoing projects</td>
</tr>
<tr>
<td>• Parallel two-lane alternate National Highway</td>
</tr>
<tr>
<td>• Up-gradation and strengthening Major District Roads to intermediate lane</td>
</tr>
<tr>
<td>• Two-lane connectivity to Greenfield airport at Pakyong</td>
</tr>
<tr>
<td>• Strengthening, rehabilitating and replacing weak bridges with higher load carrying capacity</td>
</tr>
<tr>
<td>• Up-gradation, strengthening and resurfacing of other existing district roads</td>
</tr>
</tbody>
</table>
EDUCATION

- 12th Plan priority on quality education
- 100% literacy by 2015
- Focus on Teacher Training Mission
- Development of school infrastructure
- Reducing dropout rates
- Continuing Chief Minister’s Special Merit Scholarship Scheme
- Strengthen Sikkim University
- Open new polytechnics

<table>
<thead>
<tr>
<th>YEAR</th>
<th>SIKKIM</th>
<th>NATION</th>
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<tbody>
<tr>
<td></td>
<td>MALE</td>
<td>FEMALE</td>
</tr>
<tr>
<td>1981</td>
<td>43.85</td>
<td>22.2</td>
</tr>
<tr>
<td>1991</td>
<td>65.7</td>
<td>46.76</td>
</tr>
<tr>
<td>2001</td>
<td>76</td>
<td>60.4</td>
</tr>
<tr>
<td>2011</td>
<td>87.3</td>
<td>76.43</td>
</tr>
</tbody>
</table>

Source - Census

12th Plan Agendas

- 100% literacy
- reducing dropout rates
- merit scholarship
- school infrastructure
- Teacher Training Mission
- Strengthen Sikkim University
- new polytechnics
- quality education

Best Practices

12th Plan Targets/Outlay
**HEALTH**

- **12th Plan** revolves around improvement of health parameters
- Access to quality healthcare
- Strategy to make primary healthcare universally accessible
- Emphasis on preventive healthcare
- Adequate quality healthcare staff public health institutions

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<tr>
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<tbody>
<tr>
<td>Crude Birth Rate</td>
<td>21.6 (SRS)</td>
<td>19.9 (SRS)</td>
<td>17.6(SRS)</td>
</tr>
<tr>
<td>Crude Death Rate</td>
<td>5.8 (SRS)</td>
<td>5.1(SRS)</td>
<td>5.6(SRS)</td>
</tr>
<tr>
<td>MMR</td>
<td>NA</td>
<td>NA</td>
<td>25 Abs No</td>
</tr>
<tr>
<td>Infant Mortality Rate</td>
<td>49 (SRS)</td>
<td>30(SRS)</td>
<td>26(SRS)</td>
</tr>
<tr>
<td>Total Fertility Rate</td>
<td>2.75 (NFHSII)</td>
<td>2.75 (NFHSII)</td>
<td>2.0(NFHSIII)</td>
</tr>
<tr>
<td>TB Cure Rate</td>
<td>77% (*SR)</td>
<td>88% (SR)</td>
<td>86.9%(SR)</td>
</tr>
<tr>
<td>Institutional delivery</td>
<td>46.90% (SR)</td>
<td>57% (SR)</td>
<td>81.4% (SR)</td>
</tr>
<tr>
<td>Complete Immunization coverage</td>
<td>81% (SR)</td>
<td>90% (SR)</td>
<td>92.6% (SR)</td>
</tr>
<tr>
<td>Birth Registration</td>
<td>81% (SR)</td>
<td>94.37% (SR)</td>
<td>87% (SR)</td>
</tr>
<tr>
<td>Sl. No</td>
<td>Categories of Projects</td>
<td>No. of Projects</td>
<td>Total Project Cost</td>
</tr>
<tr>
<td>-------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>-----------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>1</td>
<td>Reconstruction of State Civil Secretariat at Tashiling, Gangtok.</td>
<td>1</td>
<td>193</td>
</tr>
<tr>
<td>2</td>
<td>Reconstruction of Rural Houses</td>
<td>7972</td>
<td>389.83</td>
</tr>
<tr>
<td>3</td>
<td>Renovation and Re-building of State Roads &amp; Bridges and Rural Roads</td>
<td>381 /180 PMGSY</td>
<td>216</td>
</tr>
<tr>
<td>4</td>
<td>Retrofitting of State Government Buildings, Schools, AWW Centers, Rural Health Centers, Dispensaries, and State Power Projects -</td>
<td>1535</td>
<td>196.17</td>
</tr>
<tr>
<td>5</td>
<td>Sewerage schemes</td>
<td>25</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>Total</td>
<td>1000</td>
<td>280</td>
</tr>
</tbody>
</table>
Thank You
Best Practices

Health
Comprehensive Annual Total Checkup for Healthy Sikkim (CATCH)

- This programme provides universal check-up to all citizens by detecting diseases closest to their doorsteps
- CATCH launched on 26th August 2010
- CATCH implemented at the community level - detail history, extensive & thorough checkup, laboratory investigation, counseling, information, education, behavior change communication and treatment and graded referral system
- Recording done in family folder and individual case sheets, final entry into CATCH software
- Bar coded health card for a profile of one’s health, that of the family and the community
Performance

- Covered 5,13,722 or 95% of the residential population
- 12,18,498 various blood test conducted
- Visual Inspection with Acetic Acid (VIA) for screening for cervical cancer done
Health Problems Detected

- Nutritional Problems and Underweight: 33.50%
- Overweight and Obesity: 20.00%
- Hypertension: 29.00%
- High Random Blood Sugar: 16.50%
- Dental Caries: 6.00%
- Respiratory Problems: 6.00%
- Refractive Error: 6.20%
- Orthopedic/Joint Problems: 5.00%
Impact

• Majority of population not aware of diabetes, hypertension, oral precancerous lesion
• People follow up on frequently for diabetes, hypertension and Visual Inspection with Acetic Acid (VIA) in Health Institutions and Out patient department (OPD)
• AYUSH is converged to promote integrated Health Care- Yoga is taught by AYUSH system
continuing ... Impact

- Almost entire population screened against Oral, Breast and Cervical cancer
- First state to address Non Communicable Diseases at community level
- First state to work towards risk reduction strategies to bring down prevalence of all Non Communicable Diseases in the community level
- CATCH has also addressed Mental Health and Suicide Prevention
- Universal Health Coverage through CATCH
National Immunization Programme in Sikkim

- Vaccine administered to prevent 7 targeted vaccine preventable diseases
  - BCG
  - OPV
  - DPT
  - Measles
  - Hepatitis ‘B’- State Programme
  - MMR – State Programme

- Sikkim was the first state from North East India to introduce Hepatitis ‘B’ vaccine in 2001 and MMR vaccine in 2009 as a state initiative
Immunization services

- Immunization services are delivered at all health facilities across the state which includes - PHSC, PHC, District Hospitals and State Hospitals and outreach camps.

- Services are provided by Auxillary Nurses and Midwives (ANMs), Anganwadi Workers and Helpers (AWWs and AWH), ASHAs are all mobilized.
Activities Undertaken

- Training on Routine Immunization – an ongoing programme
- By regular supervision and monitoring of cold chain management, safe injection practices, timely and correct vaccine distribution and waste disposal are maintained
- ASHAs actively involved in mobilization of children and mothers
- Improvement in supply of vaccine and Auto Disabled syringes (A D syringes)
- Proper disposal of immunization wastes – hub cutters, bio degradable plastic bags, bleaching powder and waste disposal pits are used
Activities Undertaken

• Adverse Event Following Immunization (AEFI) committee are functioning in all districts
• Regular meetings at the state, district and block level are organized
• Micro planning at districts, blocks and sub-centers are conducted
Performance on Immunization State Report

Year | Percentage
--- | ---
2007-08 | 88.60%
2008-09 | 89.30%
2009-10 | 88.40%
2010-11 | 92.60%
2011-12 | 91.20%
2012-13 (Till September 2012) | 96.40%
End