



Government of Himachal Pradesh

R F D

(Results-Framework Document)
for

Directorate of Environment

(2013-2014)

Section 1: Vision, Mission, Objectives and Functions

Vision

To conserve and improve the environment and natural resources of the state.

Mission

To plan, coordinate, promote and oversee the environment conservation and enhancement programmes through environmentally compatible management practices and technologies.

Objectives

- 1 Planning, coordinating, promoting and overseeing the environment, science & technology and pollution prevention, abatement and control activities and programmes for environment protection, conservation and enhancement by regulation, policy formulation, supervision and monitoring using innovative technologies.
- 2 Strengthening of environment awareness, by facilitating organized collection, collation and dissemination of environmental information.
- 3 To facilitate monitoring & evaluation, decentralized planning & decision making through web based GIS applications.
- 4 To deploy appropriate strategies for adaptation & mitigation of impacts of climate change including enhanced monitoring of glaciers & updation of glacial inventory.

Functions

- 1 Formulate policy guidelines to address various environmental issues.
- 2 Supervising the functioning of State Council for Science, Technology & Environment and State Pollution Control Board.
- 3 Inter-departmental coordination on various environmental issues.
- 4 Communication for environmental advisory, service delivery and grievance redressal.
- 5 Building up environmental temper in the civic society through mass awareness.
- 6 Promote community participation and advocacy on environment conservation.
- 7 Implementation of specific components of National Action Plan on Climate Change.
- 8 Monitoring for up-scaling efficiency in Administration for better management of ambient Air, Water and Waste in the State.
- 9 Appraisal and assessment of developmental projects through State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA).
- 10 Application of geo-spatial data information for decision making.

Section 1: Vision, Mission, Objectives and Functions

- 11 Exercise powers vested with State Government under Environment (Protection) Act,1986.
- 12 Strictly enforce the Centre/State legislation, policy, regulations, standard, norms pertaining to environment (natural, physical and social) in the State of Himachal Pradesh.

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| [1] Planning, coordinating, promoting and overseeing the environment, science & technology and pollution prevention, abatement and control activities and programmes for environment protection, conservation and enhancement by regulation, policy formulation, supervision and monitoring using innovative technologies. | 20.00 | [1.1] Identifying sector-specific environmental and Science & Technology issues and preparing draft policy documents for approval of the State Government | [1.1.1] Approval of Environment Master Plan & its subsequent implementation in a phased manner | Date | 4.00 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 | -- |
| | | | [1.1.2] Approval of Draft Sectoral Guidelines for High Foot Prints Sectors | Date | 4.00 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 | -- |
| | | | [1.1.3] Review and Finalisation of Draft Science & Technology Policy for the State. | Date | 4.00 | 15/02/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 | -- |
| | | | [1.1.4] Review and Finalisation of Draft Biotechnology Policy for the State | Date | 4.00 | 15/02/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 | -- |
| | | [1.2] Compilation of available centralised Climate Change studies database. | [1.2.1] Timelines | Date | 4.00 | 31/12/2013 | 15/01/2014 | 30/01/2014 | 15/02/2014 | 28/02/2014 |
| [2] Strengthening of environment awareness, by facilitating organized collection, collation and dissemination of environmental information. | 30.00 | [2.1] Mobilization of community on Environment Conservation. | [2.1.1] Conduct Awareness programmes at panchayat level | Nos | 3.00 | 100 | 85 | 70 | 55 | 50 |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|-----------|--------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | [2.2] Review of State of Environment Report | [2.2.1] Timelines | Date | 3.00 | 31/12/2013 | 15/02/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [2.3] Environment/ Pollution related complaints and grievance redressal within prescribed date | [2.3.1] Complaints received and disposed off within prescribed time | % | 3.00 | 100 | 90 | 80 | 70 | 60 |
| | | [2.4] Organisation of Edu-sat programmes for students and teachers | [2.4.1] No. of programmes organised | Nos | 3.00 | 25 | 20 | 15 | 10 | 5 |
| | | | [2.4.2] No. of students/ teacher beneficiaries | Nos | 3.00 | 375 | 300 | 225 | 150 | 75 |
| | | [2.5] Organisation of IPR awareness workshops | [2.5.1] Number of IPRs filled | Nos | 3.00 | 5 | 4 | 3 | 2 | 1 |
| | | | [2.5.2] Number of workshops organised | Nos | 3.00 | 5 | 4 | 3 | 2 | 1 |
| | | [2.6] Organisation of Biodiversity Awareness | [2.6.1] Number of Biodiversity Registers prepared | Nos | 3.00 | 15 | 10 | 8 | 6 | 4 |
| | | | [2.6.2] Number of Biodiversity Committees constituted at different level | Nos | 2.00 | 30 | 25 | 20 | 15 | 10 |
| | | | [2.6.3] Declaration of Biodiversity Heritage sites | Nos | 2.00 | 7 | 6 | 5 | 4 | 2 |
| | | | [2.6.4] Training and Awareness Workshops about implementation of | Nos | 2.00 | 15 | 14 | 13 | 12 | 11 |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | | Biological Diversity Act | | | | | | | |
| [3] To facilitate monitoring & evaluation, decentralized planning & decision making through web based GIS applications. | 10.00 | [3.1] Development of planning and decision making Geo-informatics Applications for various departments under AGISAC | [3.1.1] Number of key department for which decision making Geo-informatics Applications developed | Nos | 5.00 | 22 | 20 | 18 | 16 | 14 |
| | | | [3.1.2] Number of departments for which database substantiated/ operationalized | Nos | 5.00 | 16 | 15 | 13 | 12 | 10 |
| [4] To deploy appropriate strategies for adaptation & mitigation of impacts of climate change including enhanced monitoring of glaciers & updation of glacial inventory. | 20.00 | [4.1] Adaptation and mitigation of impacts of climate change | [4.1.1] Issuance of State Strategy & Action Plan on Climate Change | Date | 5.00 | 28/02/2014 | 07/03/2014 | 14/03/2014 | 21/03/2014 | 31/03/2014 |
| | | [4.2] Develop strengthen mechanism for constant glacier monitoring & updation of basin wise inventories | [4.2.1] Monitoring of Glaciers & updated glacier inventory | Nos | 5.00 | 2 | 1 | -- | -- | -- |
| | | | [4.2.2] Seasonal snow cover | Nos | 5.00 | 6 | 5 | 4 | 3 | 2 |
| | | [4.3] Updation of GHG inventory of the State | [4.3.1] Timelines | Date | 5.00 | 31/12/2013 | 15/01/2014 | 31/01/2014 | 15/02/2014 | 28/02/2014 |
| * Efficient Functioning of the RFD System | 5.00 | Timely submission of Draft for Approval | On-time submission | Date | 2.0 | 31/05/2013 | 05/06/2013 | 12/06/2013 | 15/06/2013 | -- |

* Mandatory Objective(s)

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|----------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------|--------|-------------------------|------------|------------|------------|------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | Timely submission of Results | On-time submission | Date | 2.0 | 15/05/2014 | 22/05/2014 | 29/05/2014 | 07/06/2014 | -- |
| | | Finalize a Strategic Plan | Finalize the Strategic Plan for next 5 years | Date | 1.0 | 30/06/2013 | 31/07/2013 | 31/08/2013 | 30/09/2013 | -- |
| * Improving Internal Efficiency / responsiveness /service delivery of Department | 5.00 | Develop RFDs for all Subordinate Offices | Percentage of RCs covered | % | 1.0 | 100 | 75 | 50 | 25 | -- |
| | | Implementation of Sevottam | Percentage of cases disposed off in time | % | 2.0 | 100 | 90 | 80 | 70 | -- |
| | | Redress of public Grievancies(E. Samadhan) | 1. Create a compliant system to implement, monitor and review Citizen's / Client's Charter | Date | 2.0 | 31/05/2013 | 30/06/2013 | 31/07/2013 | 31/08/2013 | -- |
| * Annual Plan Performace | 3.00 | Submission of qtlly. Plan Expenditure Report | No of Reports submitted on time (By 10th of August, November, Febuary and Mayl) | No | 3.0 | 4 | 3 | 2 | 1 | -- |
| * Performance of Flagship Programmes, ACA and EAPs | 3.00 | Submission of monthly progress report of Flagship Programmes/ACA releases/ Expen. & reimbursement of EAPs (if any) | No of reports submitted on time (by 10th of next month) | No | 3.0 | 12 | 11 | 10 | 8 | -- |
| * Twenty Point Programme | 2.00 | Submission of monthly progress report | No of reports submitted on time (By 10th of next month) | No | 2.0 | 12 | 11 | 10 | 8 | -- |
| * Budget Assurances | 2.00 | | No of reports submitted on time (By 10th of next month) | No | 2.0 | 12 | 11 | 10 | 8 | -- |

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| [1] Planning, coordinating, promoting and overseeing the environment, science & technology and pollution prevention, abatement and control activities and programmes for environment protection, conservation and enhancement by regulation, policy formulation, supervision and monitoring using innovative technologies. | [1.1] Identifying sector-specific environmental and Science & Technology issues and preparing draft policy documents for approval of the State Government | [1.1.1] Approval of Environment Master Plan & its subsequent implementation in a phased manner | Date | -- | -- | 28/02/2014 | -- | -- |
| | | [1.1.2] Approval of Draft Sectoral Guidelines for High Foot Prints Sectors | Date | -- | -- | 28/02/2014 | -- | -- |
| | | [1.1.3] Review and Finalisation of Draft Science & Technology Policy for the State. | Date | -- | -- | 28/02/2014 | -- | -- |
| | | [1.1.4] Review and Finalisation of Draft Biotechnology Policy for the State | Date | -- | -- | 28/02/2014 | -- | -- |
| | [1.2] Compilation of available centralised Climate Change studies database. | [1.2.1] Timelines | Date | -- | -- | 15/01/2014 | -- | -- |
| [2] Strengthening of environment awareness, by facilitating organized collection, collation and | [2.1] Mobilization of community on Environment Conservation. | [2.1.1] Conduct Awareness programmes at panchayat level | Nos | -- | -- | 85 | 95 | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|---------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| dissemination of environmental information. | | | | | | | | |
| | [2.2] Review of State of Environment Report | [2.2.1] Timelines | Date | -- | -- | 15/02/2014 | -- | -- |
| | [2.3] Environment/ Pollution related complaints and grievance redressal within prescribed date | [2.3.1] Complaints received and disposed off within prescribed time | % | -- | 90 | 90 | 100 | 100 |
| | [2.4] Organisation of Edu-sat programmes for students and teachers | [2.4.1] No. of programmes organised | Nos | 15 | 20 | 20 | 35 | 40 |
| | | [2.4.2] No. of students/ teacher beneficiaries | Nos | -- | -- | 300 | 350 | 400 |
| | [2.5] Organisation of IPR awareness workshops | [2.5.1] Number of IPRs filled | Nos | 5 | 7 | 4 | 12 | 15 |
| | | [2.5.2] Number of workshops organised | Nos | -- | -- | 5 | -- | -- |
| | [2.6] Organisation of Biodiversity Awareness | [2.6.1] Number of Biodiversity Registers prepared | Nos | -- | -- | 10 | -- | -- |
| | | [2.6.2] Number of Biodiversity Committees constituted at different level | Nos | -- | -- | 25 | -- | -- |
| | | [2.6.3] Declaration of Biodiversity Heritage sites | Nos | -- | -- | 6 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | | [2.6.4] Training and Awareness Workshops about implementation of Biological Diversity Act | Nos | -- | -- | 14 | -- | -- |
| [3] To facilitate monitoring & evaluation, decentralized planning & decision making through web based GIS applications. | [3.1] Development of planning and decision making Geo-informatics Applications for various departments under AGiSAC | [3.1.1] Number of key department for which decision making Geo-informatics Applications developed | Nos | -- | 10 | 20 | 22 | 24 |
| | | [3.1.2] Number of departments for which database substantiated/ operationalized | Nos | -- | 12 | 15 | 16 | -- |
| [4] To deploy appropriate strategies for adaptation & mitigation of impacts of climate change including enhanced monitoring of glaciers & updation of glacial inventory. | [4.1] Adaptation and mitigation of impacts of climate change | [4.1.1] Issuance of State Strategy & Action Plan on Climate Change | Date | -- | -- | 07/03/2014 | -- | -- |
| | [4.2] Develop strengthen mechanism for constant glacier monitoring & updation of basin wise inventories | [4.2.1] Monitoring of Glaciers & updated glacier inventory | Nos | -- | -- | 1 | -- | -- |
| | | [4.2.2] Seasonal snow cover | Nos | -- | -- | 5 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | [4.3] Updation of GHG inventory of the State | [4.3.1] Timelines | Date | -- | -- | 15/01/2014 | -- | -- |
| * Efficient Functioning of the RFD System | Timely submission of Draft for Approval | On-time submission | Date | -- | -- | 05/06/2013 | -- | -- |
| | Timely submission of Results | On-time submission | Date | -- | -- | 22/05/2014 | -- | -- |
| | Finalize a Strategic Plan | Finalize the Strategic Plan for next 5 years | Date | -- | -- | 31/07/2013 | -- | -- |
| * Improving Internal Efficiency / responsiveness /service delivery of Department | Develop RFDs for all Subordinate Offices | Percentage of RCs covered | % | -- | -- | 75 | -- | -- |
| | Implementation of Sevottam | Percentage of cases disposed off in time | % | -- | -- | 90 | -- | -- |
| | Redress of public Grievancies(E. Samadhan) | 1. Create a compliant system to implement, monitor and review Citizen's / Client's Charter | Date | -- | -- | 30/06/2013 | -- | -- |
| * Annual Plan Performace | Submission of qtly. Plan Expenditure Report | No of Reports submitted on time (By 10th of August, November, Febuary and Mayl) | No | -- | -- | 3 | -- | -- |
| * Performance of Flagship Programmes, ACA and EAPs | Submission of monthly progress report of Flagship Programmes/ACA releases/ Expen. & reimbursement of EAPs (if any) | No of reports submitted on time (by 10th of next month) | No | -- | -- | 11 | -- | -- |
| * Twenty Point Programme | Submission of monthly progress report | No of reports submitted on time (By 10th of next month) | No | -- | -- | 11 | -- | -- |

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|---------------------|--------|---------------------------------------------------------|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| * Budget Assurances | | No of reports submitted on time (By 10th of next month) | No | -- | -- | 11 | -- | -- |

* Mandatory Objective(s)

Section 4: Acronym

| Sl.No | Acronym | Description |
|-------|---------|----------------------------------------------------|
| 1 | AGISAC | Aryabhata Geo-informatics Space Application Centre |
| 2 | Edu Sat | Educational Satellite |
| 3 | EMP | Environment Master Plan |
| 4 | GIS | Geographical Information System |
| 5 | IPR | Intellectual Property Rights |
| 6 | SoER | State of Environment Report |

Section 4: Acronym

| Sl.No | Acronym | Description |
|-------|---------|--------------------------------------------------|
| 7 | SSAPCC | State Strategy and Action Plan on Climate Change |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------|
| 1 | [1.1.1] Approval of Environment Master Plan & its subsequent implementation in a phased manner | The Environment Master Plan envisages the Vulnerability Assessment at Tehsil level which would act as a guiding tool for sustainable development, related process for decision making in the State. | | | |
| 2 | [1.1.2] Approval of Draft Sectoral Guidelines for High Foot Prints Sectors | The Sectoral guidelines under the EMP so prepared would guide the line departments in dovetailing environmental concerns in their decision making processes. The high footprint sectors primarily consist of Transport, Industry, Urban Development, PWD, IPH, Power, Rural Development, Tourism, Health, Power & Agriculture/Horticulture etc. The sectoral guidelines would facilitate in reducing the environmental footprints in respective sectors and viz-a-viz improve quality of life in the State. | | | |
| 3 | [1.1.3] Review and Finalisation of Draft Science & Technology Policy for the State. | This Policy envisages achievement of prime objective of sustainable development and the self-reliance with integration of Science and Technology in the State. | | | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------|
| 4 | [1.1.4] Review and Finalisation of Draft Biotechnology Policy for the State | It will facilitate and promote latest trends and accordingly to regulate Biotechnology and allied activities in the State. | | | |
| 5 | [1.2.1] Timelines | Compilation of available centralized Climate Change database is to help future studies and research w.r.t. Climate Change. | | | |
| 6 | [2.1.1] Conduct Awareness programmes at panchayat level | Under the awareness programme the people and the community are being made aware of the environmental issues of their respective areas and these would be tried to highlighted and addressed through Govt. schemes. | | | |
| 7 | [2.2.1] Timelines | Review of State of Environment Report is to describe the status and trend of the State's environmental system to facilitate planning for future generations. | | | |
| 8 | [2.3.1] Complaints received and disposed off within prescribed time | Attending & disposing public complaints on environmental related issues through e-governance. | | | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------|
| 9 | [2.4.1] No. of programmes organised | Organisation of Edu-sat programmes is to facilitate students and teacher w.r.t. latest update on scientific activities in the State. | | | |
| 10 | [2.4.2] No. of students/ teacher beneficiaries | Organisation of Edu-sat programmes is to facilitate students and teacher w.r.t. latest update on scientific activities in the State. | | | |
| 11 | [2.5.1] Number of IPRs filled | This would facilitate local Geographical Indicators to be registered for the issue of patents. | | | |
| 12 | [2.5.2] Number of workshops organised | On IPR workshops would facilitate local Geographical Indicators to be registered for the issue of patents. | | | |
| 13 | [2.6.1] Number of Biodiversity Registers prepared | Involvement of local communities would lead to effective conservation of Bio-resources and generation of monetary benefits in the form of benefit sharing agreements. | | | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------|
| 14 | [2.6.2] Number of Biodiversity Committees constituted at different level | Involvement of local communities would lead to effective conservation of Bio-resources and generation of monetary benefits in the form of benefit sharing agreements. | | | |
| 15 | [2.6.3] Declaration of Biodiversity Heritage sites | For effective conservation of Bio-resources in the State. | | | |
| 16 | [2.6.4] Training and Awareness Workshops about implementation of Biological Diversity Act | Involvement of local communities would lead to effective conservation of Bio-resources and generation of monetary benefits in the form of benefit sharing agreements. | | | |
| 17 | [3.1.1] Number of key department for which decision making Geo-informatics Applications developed | The State Council for Science, Technology & Environment through AGiSAC would develop web based Geo-informatics applications for various key departments like Transport, Industry, Urban Development, PWD, IPH, Power, Revenue, Education, Rural Development, Forests, Environment, Animal Husbandry, Tourism, Health, & Agriculture/Horticulture etc. for effective planning & governance. | | | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------|
| 18 | [3.1.2] Number of departments for which database substantiated/ operationalized | This would also help stakeholder departments in better governance and Decision Support System. | | | |
| 19 | [4.1.1] Issuance of State Strategy & Action Plan on Climate Change | The State Strategy and Action Plan on Climate Change (SAPCC) has been prepared in line with the NAPCC. The Action Plan contemplates Vulnerability Assessment at Block level and proposes mitigation & adaptation actions for reducing vulnerabilities in sectors viz. Forests, Water, Bio-diversity, Agriculture/Horticulture, Health, Power etc. | | | |
| 20 | [4.2.1] Monitoring of Glaciers & updated glacier inventory | This will provide latest update on the area under Glaciers/ Snow Cover for the future studies and analysis on Climate Change. | | | |
| 21 | [4.2.2] Seasonal snow cover | This will provide latest update on the area under Glaciers/ Snow Cover for the future studies and analysis on Climate Change. | | | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------|
| 22 | [4.3.1] Timelines | Updation of GHG inventory of the State would enable the Government to develop adaptation strategies in the State and let the policy planners and researchers aware of the factual position of carbon intensity. | | | |

Section 5 : Specific Performance Requirements from other Departments

| Location Type | State | Organisation Type | Organisation Name | Relevant Success Indicator | What is your requirement from this organisation | Justification for this requirement | Please quantify your requirement from this Organisation | What happens if your requirement is not met. |
|------------------|-------|-------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| State Government | HP | Departments | Planning Department | <p>[1.1.1] Approval of Environment Master Plan & its subsequent implementation in a phased manner</p> <p>[1.1.2] Approval of Draft Sectoral Guidelines for High Foot Prints Sectors</p> <p>[1.1.3] Review and Finalisation of Draft Science & Technology Policy for the State.</p> <p>[1.1.4] Review and Finalisation of Draft Biotechnology Policy for the State</p> <p>[2.1.1] Conduct Awareness programmes at panchayat level</p> | Adequate budgetary allocations, re-appropriations and approval of schemes aimed at environment protection and conservation. | To achieve plan objectives within specific time frame. | As per demand which is just and sufficient. | In-adequate budgetary allocation would discourage furtherance of green economy agenda for ecologically fragile Himalayan hill state and this would result in huge environmental costs and consequences such as deterioration of water quality, air quality, high incidence of diseases, loss of bio-diversity, land degradation etc. |

Section 5 : Specific Performance Requirements from other Departments

| Location Type | State | Organisation Type | Organisation Name | Relevant Success Indicator | What is your requirement from this organisation | Justification for this requirement | Please quantify your requirement from this Organisation | What happens if your requirement is not met. |
|---------------|-------|-------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | [2.1.1] Conduct Awareness programmes at panchayat level | | | | |
| | | | Finance | <p>[1.1.1] Approval of Environment Master Plan & its subsequent implementation in a phased manner</p> <p>[1.1.2] Approval of Draft Sectoral Guidelines for High Foot Prints Sectors</p> <p>[1.1.3] Review and Finalisation of Draft Science & Technology Policy for the State.</p> <p>[1.1.4] Review and Finalisation of Draft Biotechnology Policy for the State</p> | Timely releases of allocated budget not only to the Environment Department but also to the Departments with high footprint sectors viz. Urban Development, Irrigation & Public Health, Health, PWD, Transport, Rural Development etc | To implement various schemes and programmes for environment protection and conservation through inter-sectoral coordination. | As per approved budgetary allocations. | Inadequate budgetary availability would lead to non- coordination and non-adherence to green economy agenda for ecologically fragile Himalayan hill state and would subsequently result in huge environmental loss such as deterioration of water quality, air quality, high incidence of diseases, loss of bio-diversity, land degradation etc. |

Section 5 : Specific Performance Requirements from other Departments

| Location Type | State | Organisation Type | Organisation Name | Relevant Success Indicator | What is your requirement from this organisation | Justification for this requirement | Please quantify your requirement from this Organisation | What happens if your requirement is not met. |
|---------------|-------|-------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | [1.1.4] Review and Finalisation of Draft Biotechnology Policy for the State [2.1.1] Conduct Awareness programmes at panchayat level | | | | |
| | | | ALL State Departments | [2.1.1] Conduct Awareness programmes at panchayat level | a) Dovetailing environmental priorities in their routine practice and strict adherence to environmental regulatory conduct. b) Adherence to prevailing environment laws & regulations and dovetailing of environmental concerns in their work plan. c) Follow-up actions in areas such as Municipal Solid Waste, Municipal Sewage, Bio-medical Waste, Hazardous Waste, Industrial Waste Sustainable Agri-Horti practices, Debris Management | The success of RFD of the Department of Environment, Science & Technology is critically linked to and dependent on the action and implementation by the concerned stakeholders and departments. Entire effort for better environmental governance at the State level will not yield concrete outcomes unless it is supported by one and all. | A complete dedicated action plan with adequate budgetary provisions and a dedicated sense of responsibility for adhering to the environmental principles laid down from time to time. | It is also pertinent to mention here that it is necessary for each Department with high environment foot prints to undertake strategic analysis of impacts of its proposed actions on environment and society and dovetail the required remedial actions in their developmental initiatives/agenda. In absence of such exercise the whole purpose of environmental governance shall get defeated and diluted. |

Section 5 : Specific Performance Requirements from other Departments

| Location Type | State | Organisation Type | Organisation Name | Relevant Success Indicator | What is your requirement from this organisation | Justification for this requirement | Please quantify your requirement from this Organisation | What happens if your requirement is not met. |
|---------------|-------|-------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | ALL State Departments | <p>[2.1.1] Conduct Awareness programmes at panchayat level</p> <p>[2.6.4] Training and Awareness Workshops about implementation of Biological Diversity Act</p> <p>[3.1.1] Number of key department for which decision making Geo-informatics Applications developed</p> | etc. | The success of RFD of the Department of Environment, Science & Technology is critically linked to and dependent on the action and implementation by the concerned stakeholders and departments. Entire effort for better environmental governance at the State level will not yield concrete outcomes unless it is supported by one and all. | A complete dedicated action plan with adequate budgetary provisions and a dedicated sense of responsibility for adhering to the environmental principles laid down from time to time. | It is also pertinent to mention here that it is necessary for each Department with high environment foot prints to undertake strategic analysis of impacts of its proposed actions on environment and society and dovetail the required remedial actions in their developmental initiatives/agenda. In absence of such exercise the whole purpose of environmental governance shall get defeated and diluted. |

Section 5 : Specific Performance Requirements from other Departments

| Location Type | State | Organisation Type | Organisation Name | Relevant Success Indicator | What is your requirement from this organisation | Justification for this requirement | Please quantify your requirement from this Organisation | What happens if your requirement is not met. |
|---------------|-------|-------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------|---------------------------------------------------------|----------------------------------------------|
| | | | | [3.1.2] Number of departments for which database substantiated/ operationalized [4.1.1] Issuance of State Strategy & Action Plan on Climate Change | | | | |

Section 6: Outcome/Impact of Department/Ministry

| Outcome/Impact of Department/Ministry | Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies) | Success Indicator | Unit | FY 11/12 | FY 12/13 | FY 13/14 | FY 14/15 | FY 15/16 |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------|----------|----------|----------|----------|----------|
| 1 Improved monitoring w.r.t. conditions of environment clearance and implementation of EMP. | Civil Society & all Public/Private Institutions including SEIAA, PCB, S&T Council, DEST & Forest Department. | Attitudinal change in civic society towards environmental parameters. | No | | | | | |
| 2 State Level Environmental Database. | State Council for Science & Technology, State Pollution Control Board, High foot print sectors viz. Transport, Industry, Urban Development, PWD, IPH, Power, Rural Development, Animal Husbandry, Tourism, Health, Power & Agriculture/Horticulture etc. and voluntary Sector. | Availability of reliable environmental information for planners, policy makers, researchers & all other end users. | No | | | | | |
| 3 Better environmental awareness in the State & network of environmentally conscious society. | Civil Society & all Public/Private Institutions etc. | Adherence to the Environmental Standards, Policies, Guidelines, Regulations and appeals by larger section of society. | No | | | | | |