

Glimpse of SEMIS in RMSA Framework

3.1.4 In order to initiate a comprehensive school mapping exercise at Secondary and Higher secondary level, it is necessary to develop a reliable data base, i.e., creation of Secondary Education Management Information System (SEMIS) with disaggregated data at the State, District, Block and School Levels. Keeping in mind the objective of the scheme that access to a secondary school will be provided to every one for a Secondary school within 5 Km and a higher secondary school within 7-10 Km of every habitation. The preparation of educational plans for micro planning is also the greatest challenge of the preparatory phase. It is, therefore, essential to develop the capacity of the District Planning Committee, Panchayati Raj functionaries and State and district level officers engages in the planning and administration of secondary education.

3.1.7 National University of Educational Planning and Research (NUEPA) will act as a nodal agency for the SEMIS. The NUEPA and State Governments would undertake the necessary exercises right from the preparatory stage.

5.3 Mapping of Secondary Schooling Provisions and creation of Secondary Education Management Information System (SEMIS)

5.3.1 Undertaking detailed mapping of Secondary Schooling Provisions, course mapping and streamlining the Secondary Education database is of paramount importance for universalization of access to and improvement of quality at this stage right from the preparatory stage. Some of the urgent activities includes Identifying deficiencies in existing secondary schools/ Higher Secondary schools, identifying upper primary schools for upgradation, Identifying under served areas to establish new schools, streamlining for non-government schools, Developing states specific norms for physical facilities etc.

5.3.2 In order to initiate a comprehensive school mapping exercise at Secondary and Higher secondary level, it is necessary to develop a reliable data base, i.e., creation of Secondary Education Management Information System (SEMIS) with disaggregated data at the State, District, Block and School Levels. Keeping in mind the objective of the scheme that access to a secondary school will be provided to every one for a Secondary school within 5 Km and a Higher secondary school within 7-10 Km of every habitation, the preparation of habitation level educational plans for micro planning is also the greatest challenge of the preparatory phase. It is, therefore, essential to develop the capacity of the state and district level officers engaged in the planning and administration of secondary education in the states in this regard and to prepare base line data. Thereafter, it is also necessary to collect periodic data with predetermined regularity for every secondary or higher secondary school in the country through system similar to District Information System for Education (DISE) being used for capturing information at the elementary level. The data so collected should be crosschecked with household data being maintained in each Village Panchayat. Keeping the goal of universal secondary education, state and locale-specific norms will be developed

by the states and local authorities. It must be emphasized that setting up of an effective SEMIS would require contractual engagement of professionals including data analysts and data entry personnel. Similarly, the need for experts on various interventions under the scheme will also have to be assessed in the light of the specific State/UT.

5.3.5 National University of Educational Planning and Administration (NUEPA) will act as a nodal agency for the SEMIS. The NUEPA and State Governments would undertake the necessary exercises right from preparatory stage.

5.3.6 The requirement of funds for SEMIS will be met out of the 2.2% of the Plan Allocations earmarked for Management and Monitoring under the scheme subject to the ceiling, as specified from time to time. The budget estimate will be indicated in the District Plan and consolidated estimate will be reflected as State Component.

8.1.7 There will be a Technical Support Group (TSG) for project appraisal at National Level. The Technical Support Group will be established with the appointment of consultants on contractual basis as per rules and as per the requirements. In order to facilitate effective monitoring and operational support for SEMIS, the TSG will also act as a Monitoring and Operational Support Unit. The management costs approved for the National Mission will be utilized for engaging the Consultants and establishing the monitoring and operational support unit. The operational support unit will work very closely with the National Resource institutions providing the professional support. The PAAC will approve and recommend releases with the help of Technical Support Group and will be responsible for planning, monitoring, management and evaluation.

8.2.4 Similar to that of at the national level, to facilitate effective monitoring and operational support for SEMIS, there will be a TSG at State level which will also act as a Monitoring and Operational Support Unit. The operational support unit will work very closely with the National Resource institutions providing the professional support. The Executive Committee will approve and recommend the project proposal on the basis of appraisal done by the Technical Support Group. The Technical Support Group will also assist in planning, monitoring, management and evaluation.

8.3. Management Structure at School Level

8.3.1 There will be School Management and Development Committee for Secondary and Higher Secondary Stage. This committee will be responsible for all the activities including, planning, collection of data under SEMIS, implementation, monitoring, evaluation and taking corrective / remedial actions on all the components/ interventions of the scheme- infrastructural as well as academic and others, at the school level. The committee will maintain all the relevant records for recurring as well as non-recurring expenditure. These records will be updated on regular basis and placed before the committee in every meeting. These records and progress on each component/ interventions of the scheme will also be placed in the meetings of

Panchayat / Urban Local Bodies. The committee will place before the block Panchayat, progress on each component/ interventions of the scheme and all information and record that it is required to keep and update.

8.3.5 The Academic Committee will be responsible for all academic activities including planning, management, monitoring, supervision, reporting, and collection of data for SEMIS etc. The Academic Committee will be responsible for ensuring quality improvements, equity, reducing barriers- like socio economic, gender and disability, teachers and students attendance, recommending teachers for training, guidance and counseling, students achievements, co curricular and extra curricular activities and over all academic and personality development of students and teachers. While the composition of the Sub-Committee can be decided by the State Government, the suggested composition is as under,

- $\frac{3}{4}$ One member from parents
- $\frac{3}{4}$ Members from experts, each from Science/ Mathematics, Humanities, Art/ Craft/ Culture/ Sports etc.
- $\frac{3}{4}$ One Student selected by the Principal (optional)

9.1.3 The District Programme Coordinator and District Panchayat will monitor all aspects of implementation including flow of funds, implementation of all components of the scheme at school level and District level, progress and quality of works, timely and correct payments etc. qualitative and equity aspects of implementation, collection of data for Secondary School Management System (SEMIS), its analysis and suggestions thereupon etc.

9.1.4 The State Mission and State Government by a well structured channel and field visits will monitor all aspects of implementation including performance of all Districts on the quality and pace of implementation of all the components of the scheme for which funds are released, maintain SEMIS, frame guidelines for implementation etc. The State Government will send consolidated reports to the Central Government at every six months.

9.2.2 A comprehensive Secondary Education Monitoring and Information System (SEMIS) will be developed by the Ministry of Human Resource Development to facilitate monitoring. A national online monitoring system for key performance indicators will be evolved. All programme implementation authorities—from the Head Master/ Principal to the District and State levels—shall report regularly on this system. National University of Educational Planning and Administration (NUEPA) will act as Nodal Agency for the SEMIS.

9.4. MANAGEMENT OF DATA AND MAINTENANCE OF RECORDS

It is important to maintain accurate records of all aspects of implementation. The Right to Information Act, 2005, also requires this. The maintenance and timely updating of information will require a comprehensive computerized Secondary Education Monitoring and Information System (SEMIS). The Centre will develop a core SEMIS for this purpose, and the States may make suitable additions to suit

their respective needs. The records and Registers for implementation of all components of the scheme including Asset Register, Suggestion/ Complaint Register, progress charts, Teachers attendance Register, Students Attendance Register, Minutes of all the meetings, records of all the correspondences etc. should be maintained and shared with Block/ District Panchayats. The State Missions will issue a comprehensive guideline for maintenance of records and reporting.