

The Strategic Research & Extension Plan (SREP) of Hazaribagh district was prepared following the participatory methodology to reflect the issues and needs of the farming community. The main steps followed in preparation of SREP are as follows:

Training : -

1. A state level orientation workshop on Extension Reforms was organized for new ATMA district from 1-2 July' 2005 at SAMETI, Ranchi to Develop Specific skills in preparation of Strategic Research and Extension Plan. Following topics were discussed in the workshop.

- i. Extension Reforms-an Overview.
- ii. Xth Plan Scheme – Support to State Extension Programmes for Extension Reforms.
- iii. Experiences of ATMA Model.
- iv. Orientation on SREP.
 - ❖ Content
 - ❖ Methodology
 - ❖ Operationalization
- v. Farmers Organization & Federations.
- vi. Research-Extension-Farmer Linkages

2. SAMETI in collaboration with MANAGE, Hyderabad organized a 5-days Master Trainers Training Programme from 30th Nov-6th Dec' 2005 at SAMETI, Ranchi. In this training programme following topics were covered.

- I. Farming System Approach
- II. Participatory Rural Appraisal
- III. Farming System based Extension.

Following participants participated in the Master Trainers training from Hazaribagh District.

- i. Sri. Bimal Baxla, DAO-cum-PD, ATAM
- ii. Sri. Lal Ramkrishna Nath Shahdeo, General Manager, District Industries Centre
- iii. Sri. Umesh Prasad, DDA (General)
- iv. Sri. Anil Kumar, SCO (Survey), Soil conservation Office, Krishi
- v. Dr. Surendra Kumar Asst. Poultry Officer, DAHO Office
- vi. Sri. Shyama Nand Choudhary, Training Asst. (Agronomy)
- vii. Sri. Benedict Toppo, Holy Cross, KVK, Hazaribagh
- viii. Sri. arbind Kumar, Industry Extension Officer, District Industry Centre
- ix. Sri. Rabindra Kumar Singh, coordinator, NGO, Support

3. SAMETI in collaboration with EEI, Nilokheri organized a state level workshop on “Extension Reforms” for the officers of ATMA districts from May 8-12 ‘ 2006. Following topics were discussed in depth and sample data collection through field visit. In the training a field visit was organized to demonstrate primary data collection in Pithoria village.

- Concept of Farming System Approach (FSA).
- Concept of Farming Situation Based Extension (FSBE)
- Concept of PRA
- Field Visit for collection of Primary and Secondary data through PRA

3.1 Selection of Members

Selection of members of multi-disciplinary team (MDT) of 24 officers and 4 farmers representing different government departments’ viz. Agriculture, Veterinary, Fishery, Soil Conservation, Horticulture and scientists from KVK, Hazaribagh & NGO was made to provide them basic training / orientation about the concept of Extension Reforms for preparation of SREP.

3.2 Training of MDT:

These selected scientists and officers of MDT were given training on theoretical aspects of SREP from 4-7 July’ 2006 at Holy Cross Welfare Society, Hazaribagh by Technical Experts on the following aspects.

- Present Extension System & ATMA Model
- Extension Reforms
- Roles and Responsibilities of Stakeholders
- Orientation on SREP
- Concept of Participatory Rural Appraisal (PRA) & Tools
- Farming System Approach
- Farming System Based Situation
- Gender Participation
- Field Exercise on Participatory Data Collection.

Besides conceptual clarity on SREP, relevant management tools & techniques and methodological approaches were discussed at length.

3.3 Identification of major agro-ecological situations (AES)

On the basis of important factors like topography, type of soil, rainfall, types of crop grown, and sources of irrigation, 3 different agro-ecological situations (AES) were identified in the district for the preparation of situation specific, farmers’ demand oriented SREP.

3.4 Identification of representative villages for each AES

During the course of AES training, four major Agro-Ecological situations (AES) were identified and representative villages based on various agro-ecological factors were identified.

3.5 Formation of Multi-Disciplinary Groups:

For each AES, a Multi-disciplinary group comprising 6-7 members from different line departments, Scientists from KVK, leading NGO and one progressive farmers from the identified village was constituted as AES team. These groups were given the task of collecting of primary information from the representative village's using PRA tools and techniques for the preparation of SREP. The revised format for the collection of field data through participatory method was also given to each AES team members.

3.6 Conducting field survey:

Field survey were conducted in Hazaribagh district from 8-18 July' 2006 during which members of the inter-disciplinary group collected data and information for the preparation of SREP. The primary data collected during field survey was checked with various farmers groups in the village through triangulation.

The collected data were summarized and presented by each AES team in the presence of scientists from BAU, Ranchi along with the senior level officers from all concerned departments and farmers from representative villages.

3.7 Collection of Secondary Information

Secondary data used for preparing SREP were collected from different publications from the records of the district offices of Agriculture, Horticulture, Soil Conservation, Animal Husbandry, Statistical office and database prepared by SRI and NIC Website.

3.8 Summarization and Presentation of Data

A core team comprising 3 members from the AES teams facilitated by BAU Facilitators undertook the job of tabulation, analysis of data collected by various AES teams and preparation of the first draft of SREP was presented before MANAGE Consultant during 24-26 July' 2006. The data from each representative village was discussed in details with the scientists of BAU, Ranchi before its summarization. During the presentation and review before MANAGE Consultant, agro-processing, post harvest management of the produce, public –private partnership, formation of FIG so as to make the SREP of Hazaribagh district a useful document for the different stakeholders.

IMPORTANT INFORMATION FOR DIFFERENT TEAM DURING FIELD SURVEY

Particulars	AES-I	AES-II	AES-III
Village	Bharajo	Karso	Tapen
Distance from ATMA office	30 KM	35 KM	26 Km
Block	Ichka	Barhi	Mandu
Team Leader	Sri. Raghunandan Azad (B.A.O)	Sri. Kanta Singh, BAO	Sri. Sanjay Panda, BAO
Farmers Involved	Sri. Sukhdev Mahto	Shiv Prasad Yadava Sarju Singh	Sanjay Soha Badi Gaju
Facilitator involved.	Sri. Gokul Mehra, Ex- Project Director (ATMA), Dumka Sri. Ranjay Kumar Singh, Ex- DPD, ATMA, Palamau Dr. Sudhir Kumar Jha, Ex-DPD, ATMA, West Singhbhum Dr. Basant Kr. Jha, Asst. Professor (Extension), BAU, Ranchi.		