Integrated Watershed Management – ICT Initiatives

SLNA
The transaction based software provides end-to-end solution in the implementation and institutionalizes operational process for IWMP keeping in mind the objectives of the program as per prescribed guidelines.

Various modules are prepared based on different aspects of the program implementation.
Key Processes & Modules

Works

- **Management of shelf of Works**: Action Plans are prepared as per the work segregation and allocation under IWMP & NREGS.

- **Monitoring of Works**: Tracking of progress takes place at various stages i.e. technical/admin. sanctions, generation of estimates, commencement of work, muster and measurement entries, completion of work etc.

- **Management of Wages and Material**: Cost of each structure is predetermined as per RSSR (Rural Standard Schedule of Rates). Accordingly, system will generate a FTO (Fund Transfer Order) for both wage and material components separately.
Admin Module:

- Establishment costs inclusive of salaries and office maintenance are worked out and ceilings fixed with various checks and validations.

- Ceilings are also fixed for various sub-heads under office maintenance on monthly/quarterly/yearly basis as per requirement.

- Checks and counter checks are in built in the system to alert & restrict when ceilings are exceeded.
Key Processes & Modules

**Accounts Module:**

- Component wise ceilings are fixed for all projects as per eligibility which ensures that the expenditure is limited to the project cost.

- Module takes care of all accounting needs. It covers the works costs, wage payments, funds receipt (allocation or otherwise), transfer (distribution), claims, miscellaneous receipts and advances under the scheme.

- Tracking of financial discipline at various levels is possible which minimises leakage of funds.

- The tool of efms enables quick transfer of funds with transparency and accuracy.
Key Processes & Modules

**Accounts Module:**

- Delegation of financial powers is restricted to authorised users identified through Digital Signature Keys used for financial transactions.

- To allow flexibility in operation, advances are allowed to authorised persons/designations with the check to ensure that not more than two advances are outstanding at any point of time.
Key Processes & Modules

Institution & Capacity Building:

- Project specific tracking of various community mobilisation activities is made possible since the unit costs are fixed and payments are made through efms.

- The levels at which the training activities take place, the target groups and cost norms are predetermined and fed into the module which facilitates drawing of advances and subsequent adjustments.
Key Processes & Modules

**DPR Application:**

- Predefined base format details, SES (Socio Economic Survey) and PNP (Participatory Net Planning) formats, Action Plans etc are introduced in the module enabling online data feeding.

- Payments are linked to the number of entries made into the module which acts as a check against over payment.

- The activities entered in DPR for various components will be taken while implementation.
Key Processes & Modules

Reports module:

Generation of reports depending on the user requirement at all levels besides generating real-time information on the composition of wage seekers (gender wise) and various other issues is made possible with minimum effort as given below.

- Field level: Sanction details, estimates, FTOs, Work status report etc.
- District level: Monitoring of physical and financial progress.
- State level: Financial, analytical and performance related reports to monitor the overall status of implementation of the programme.
CONVERGENCE WITH VARIOUS PROGRAMMES & LINE DEPARTMENTS

- Forest Department
- Horticulture Department
- Animal Husbandry Dept.
- MG-NREGS-AP
- SAPNET
- NREDCAP
- SSAAT
- Dept. of Agri. NRSC/APSRAC
- Animal Husbandry Dept.
Convergence with NREGS

By synchronizing eFMS with both IWMP & NREGS, funds are being drawn from both the schemes by the Project Officer / PIA for executing the designated activities eg: Dry land horticulture payments are drawn directly from NREGS by using the same DSK (Digital Signature Key) thus resulting in the best possible convergence.
eFMS Process

Program Office

Pay order and Fund Transfer Order (FTO)

Reconciliation

IWMP SERVER

Data Transfer of FTOs

Acknowledgement

Bank Server

Wage seeker Post Office A/c

Smart Card Bank A/c

Supplier A/c

Employee A/c

RBI Server

CBS System

UTR No
## Major Expenditures heads in IWMP

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<th>S.No</th>
<th>Item of Expenditures (Major Heads)</th>
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<th>DWMA</th>
<th>PO</th>
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At State Level Nodal Agency (SLNA)

- Approval & sanction is given by SCRD.
- The FTO uploading is by CFO and verification of vouchers by Accounts Officers.

- At DWMA level
  - Approval, sanction and FTO uploading by PD, DWMA and verification of vouchers by Accounts officer

- At Watershed Computer Center (WCC) level
  - Approval and sanction by PD, DWMA
  - FTO verification and uploading by PO
FTO Generation

E-pay orders and FTOs generated to the following payments

- Salaries – to the Individuals and staff.
- Material payment to suppliers.
- Wages to the labour.
- And other expenditures to the third party or PO account.
- Service charges and TDS to the Concerned Accounts.
IWMP Payments

Mode of Wage payments

- Bank (CBS)
  - Conventional
  - Bio Metric
- Postal
- Smart cards
Registers Generated through eFMS

2. Cheque issue register.
3. FTO Register.
5. Adjustment register.
7. Subsidiary ledger.
8. Technical Sanction Register.
Situation in Watershed Program Before Going for eFMS

- Direct release of funds to the PIAs leads to parking of funds where the progress was slow and shortage of funds where progress was good.
- Lack of transparency and accountability.
- Mode of payment either cash or cheque resulting in leakage of funds.
- There was a chance of ineligible person getting benefit without others knowing about it.
- There was also scope of adding fictitious names and middlemen benefitting out of it.
Impact after eFMS

- No unnecessary parking of funds and smooth flow of funds to all agencies as per requirement.
- Convergence with MGNREGS and SERP easily facilitated.
- Having control over the fund to be spent by NGOs (linked to their performance)
- Better record keeping and facilitates easy and timely audit.

- These efforts have enriched the department with good administrative and financial controls essential for smooth implementation, reviewing and monitoring of the program.

- It has enabled Gender Equity - Software provides for non discrimination – equal wages for equal work irrespective of gender ensuring Gender parity in wage distribution.
Impact after eFMS

- It led to the **Empowerment of poor and landless labourers since they receive their wages timely and at their doorstep.**

- Reduction in payment cycle.

- The real time data and reports helped in tracking the progress/status of the programme effectively (drilled down up to component level in each watershed village), hence resulting in effective monitoring of the performance.

- All the above led to better transparency and accountability in operational mechanism and administration.

- Made the whole system demand driven (from the lowest level i.e., Village).
eFMS ON FIELD
Thank You!