



INFORMATION SYSTEMS FOR FULL IMPLEMENTATION

Information Systems for full implementation

- **Policy Services Information System (PSIS)**
- **Plans and Programs Information System (PaPIS)**
- **Automated Statistical Reporting System (ASRS)**
- **Frontline Services and Transaction System (FSTS)**
- **Stakeholder Management Information System (SMIS)**

Information Systems for full implementation

- **Management Reporting System (MRS)**
- **ENR Research and Development Information System (ERDIS)**
- **ENR Technology Generation Information System (ETGIS)**
- **ENR Monitoring and Evaluation (M & E)**

Information Systems for full implementation

- **External DENR Web Portal (EDWP)**
- **Internal DENR Web Portal (IDWP)**
- **Library Information System (LIB)**
- **Online Household Survey**

Strategies in the full implementation of Information Systems

- 1. Issuance of implementing rules and regulations**
- 2. Mapping of user credentials**
- 3. Conduct dry run**
- 4. Launching of the Information Systems**
- 5. Monitor the status of operations**
- 6. Help desk**

Potential Problems	Probable Solutions
Lack of Manpower	Define the role and recommend exact person to assume user role for the system
User accounts/credentials	<p>Close coordination with HR regarding movement/changes in personnel</p> <p>Strengthen Help Desk to handle calls, queries of users</p>
System accessibility	<p>Server – implement high availability option</p> <p>Power – UPS, generator</p> <p>Connectivity – Backup internet connection</p> <p>Always be prepared to go manual until such time to restore the system</p>

Issues	Solutions
<p>PaPIS The current design of the system was structured on Major Final Outputs (MFOs) which will be replaced by Organizational Outcomes (OOs) once the Program Expenditure Classification (PREXC) is implemented in 2018.</p> <p>PSIS Receptability of the users</p>	<p>DENR Systems Developer will enhance PaPIS to conform with approved DENR PREXC structure before its implementation in 2018.</p> <p>Issue a Memorandum Circular/Policy or Department Order recommending the use of the system</p>

Issues	Solutions
User-friendliness of the system	Redesign to a user-friendly system
Report Generation	Include additional report requirements
Current infrastructure will not be able to support all the (digital) copies of the library collection.	Procure necessary ICT equipment for digitizing copies.

Way Forward

- **Approval of implementing guidelines**
- **Full commitment of all ISA III and II**
- **Complete submission of user roles/credentials**
- **Implementation to pilot regions (1 region per island group, 1 month, actual)**
- **Full implementation**

Information Systems on going development

DENR Personnel Information System (DPIS)

- Make the processing and retrieval of employee information faster and more efficient. Centralized storage of employee records; easy access to DENR personnel records (both Central and Field personnel). More efficient method of employee information record keeping through online encoding. Cost savings on resources (storage space, paper, folders, freight, telecommunications, etc.). Easier method of information retrieval through helpful search function.

Information Systems on going development

Training and Development Resource Information System (TDRIS)

- Efficiently manage employee data pertaining to scholarships and training not only in the DENR Central Office but also in the Bureaus/ Attached Agencies/ Regional Offices and DENROs. The system will help bring more transparency in local and foreign training selection, and make information retrieval easier and faster.

Information Systems on going development

Enhanced Document and Action Tracking System (EDATS)

- Centralized system for tracking and monitoring of documents, reduces unnecessary paper work and manual recording, and generate reports of the documents routed.

Information Systems (In-house)

Financial Accounting Reporting System (FARS)

-A web-based system that will give information regarding financial statement that will consolidate reports in real-time accessible for DENR Central Office, Regional Office down to PENRO.

Information Systems (In-house)

Environmental Law Enforcement Management Information System (ELEMIS)

- Maximize utilization of limited government resources on ELE.
- Provide a mechanism for identification and discussion of other ELE concerns.
- Be a source of ELE information that is verified, official and updated from different law enforcement agencies.
- To develop an online interactive map of the Philippines that hosts environmental crime incidence and occurrence.
- To host information on ELE operations.
- To include cases filed and resources.

Information Systems developed (In-house)

Online DENR Office Uniform Survey

- An online survey to all employees of DENR to facilitate the selection of preferred sets of uniform based on displayed sets at the DENR lobby.



Thank you