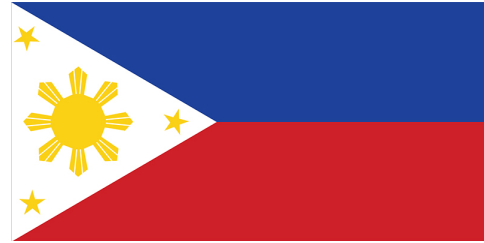


PHILIPPINES: ECMS Fact Sheet I

- System Overview -



System Title

Labor Inspection Management Information System (LI-MIS)

ECMS Status

Active

Principal Institutional Owner

Ministry of Labor

Implementation Stage Reached

Full Deployment

Secondary Institutional Users

- Bureau of Local Employment
- Bureau of Workers with Special Concerns
- Bureau of Labor Relations
- National Conciliation Mediation Board
- Philippines Overseas Employment Administration
- Tripartite Committees
- Congress

Number of Enterprises Registered

196,670

Geographic Extent of Deployment

In all regions/offices

Sector Focus

Includes one generic inspection checklist and specific checklists for maritime and fishing vessels, buses, and construction sites

Description of Main Components/Modules

- Labor Inspection Module with checklists for general labor standards, occupational safety and health, and illegal contracting and subcontracting
- Auto-notification system for serious issues, such as child labor and refusing labor inspector access to the workplace premises

In addition, BWC developed two complementary modules, not integrated into the LI-MIS:

- Establishment Report System (ERS), deployed in July 2020, for online submission of reports to notify DOLE of the implementation of flexible work or alternative work arrangements, temporary and permanent closure, and the retrenchment of workers
- Joint Monitoring System (JMS), developed in early 2020, to monitor compliance with Covid-19 safety protocols. As of late 2020, almost 7,000 establishments were registered online and around 3,200 reports had been received.

PHILIPPINES: ECMS Fact Sheet II

- Key Software Features and Gaps -

Functionality	Philippines	Comments
1. Stores data in centralized database accessible in real-time to all authorized users	✓	
2. Includes online/offline data collection capability	✓	
3. Aggregates labor law violation data by geographic area or type of violation	Partial	These types of reports can be produced by exporting and filtering data but are not automatically generated reports.
4. Tracks key performance indicators such as number of inspections carried out	✓	The team received a screen shot of the dashboard which tracks several KPIs. The dashboard is not generated in real time, however.
5. Integrates data visualization tools such as dashboards	✓	The dashboard included data visualization tools such as a map and graphs.
6. Forms and workflow reflect current labor administration procedural requirement	✓	LI-MIS contains a comprehensive electronic checklist which is based on labor laws and regulations.
7. Registers worker complaints, industrial accidents	✓	Included in a labor inspection checklist but not as a separate module.
8. Tracks the status labor violation cases through hearings and sanctioning stages	Partial	This was highlighted as a key gap in the system. LI-MIS labor inspection module has fields to enter information about how cases were followed up and if restitution was paid but they are not regularly updated, which diminishes its use for case management.
9. Sends alerts to inspectors when follow-up actions are required	Partial	The system has an automatic alert system if an inspector indicates child labor or refusal to entry, but not to follow-up on case management steps.
10. Generates the inspection report as well as letters and notices used at different stages of the inspection process	Partial	LI-MIS generates the inspection report but no other letters and notices. Laws require a paper inspection report to be left with the enterprise.
11. Assigns inspection duties to individual and/or groups of inspectors	✓	
12. Role-based security features that restrict access to some kinds of data/ECMS module	✓	
13. Data modifications controlled or traced to users	✓	
14. Data sharing with other information systems	✗	
15. Advanced data analytics for predicting labor violations	✗	

PHILIPPINES: ECMS Fact Sheet III

- Technical Characteristics and Overall Assessment -

Software Type

Opensource

User Categories

LI-MIS is reported to be utilized by over 1,000 users nationwide, including Labor Inspectors, Technical Services Support Division Chiefs, BWC Sub-national Focal Persons, Field Office and Regional Office Directors and Key Senior Officials of the Department of Labor and Employment

System Maintenance

System is maintained by a 5-person team within the BWC.
BWC does not currently have a support contract with the IT service provider.

System Hosting

Hosted on DOLE's internal network

Hardware Used for Data Entry

Labor inspectors are issued tablets with 4G internet connections

ECMS Costs (Grantee Expenditures, self-reported)

IT service provider contract for software development and system documentation: US\$ 124,850

According to ILO, although there was no contract specifying the limits of these services, the amount stated above included management services, security testing and troubleshooting, software upgrades, security patches and bug fixes. The IT contractor also provided training and mentoring to DOLE MIS staff and the MIS focal points from the regions, for every module delivered. Payments were made after delivery of each module, the completion of training and mentoring, and the submission of a progress report.

Evaluation Team Assessment of ECMS (February 2021 status)

Framework Area	Evaluation Criteria	Rating
Technology	Extent software is fully developed, the number of types of features, level of adaption to ICT enabling environment	★★★
People	Extent the labor administration is effectively addressing the constraints affecting user ECMS adoption through training, support, other capacity building activities	★★★★★
Processes	Extent software has been adapted to the labor administration's legal framework and procedures and facilitates inspection systems workflow	★★★