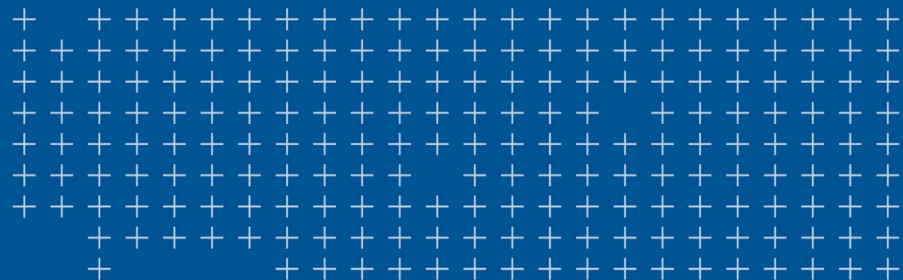




Kali Ramiah | Business Analyst (BA)

FEBRUARY 2020

Laos: Mining Information System (MIS), Leveraging Landfolio's Dashboard



Overview

- Background
- Key project goals
- Data model and implementation
- MIS demo



Background

- Landfolio (then FlexiCadstre) was initially implemented in Laos MEM, in 2014.
- Full back office system to manage licenses and permits
- MIS project sponsored by BGR
- MIS to conform to existing functional specification
- Single database for Landfolio & MIS
- Project timeline: 8 months (January – August 2019)

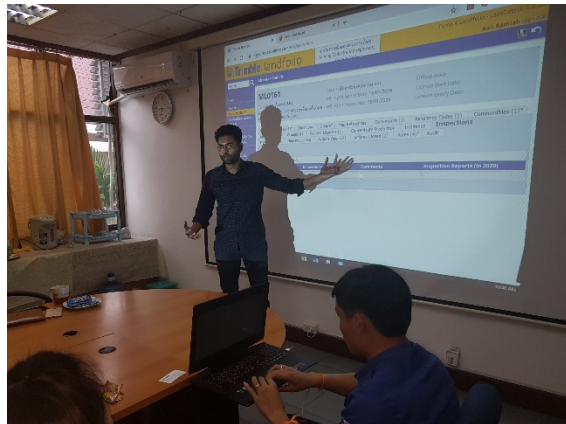


Key Project Goals

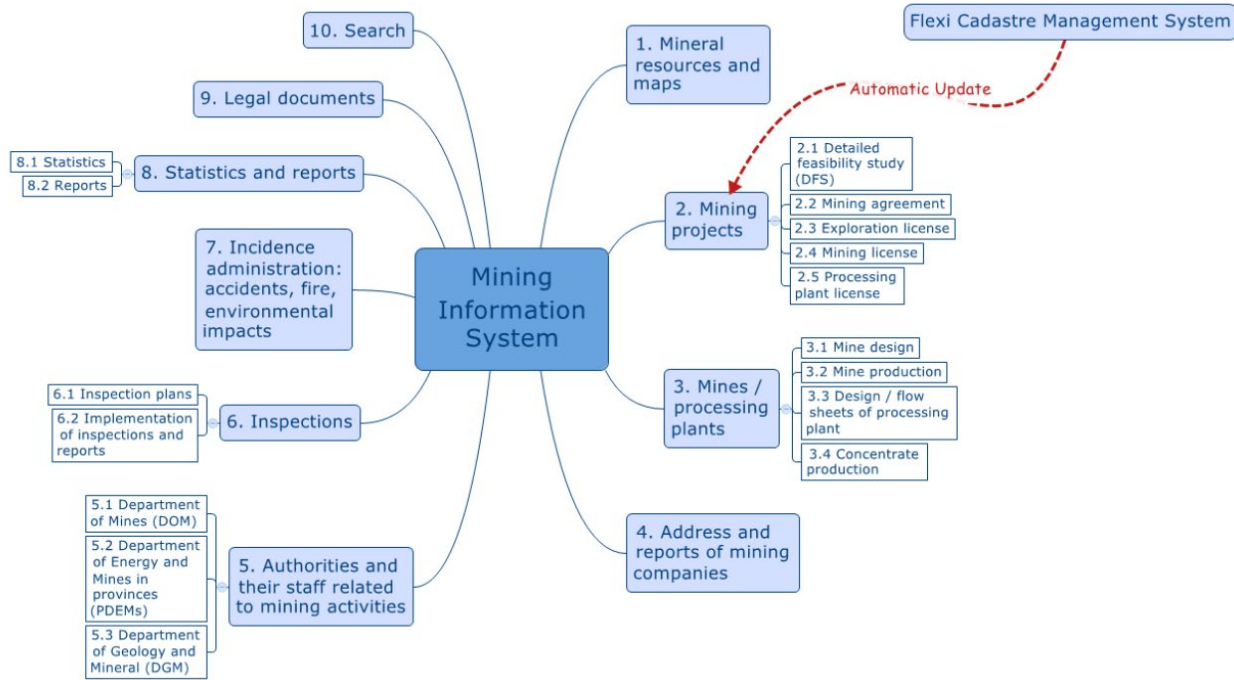


- Establishment of an integrated Mining Information System
- Evaluation of mining relevant data
- Streamline and optimization of work processes
- Querying and management of mining information
- Easy extraction of data
- Generation of reports

Workshops & Training



Data Model for MIS



Sample Process – MIS Modules

License > Details

ML0165

Status: ສິ້ນສຸດຮົ່ງ (Application) Official Area:

Type: ການຊຸດສິ້ນບໍ່ແຈ້ງ (ML) MPI Agmt Signed Date: 29/06/2019 License Start Date:

Parties: ການທົດລວມທາງກວ່າງຂອງພື້ນຊຸດສິ້ນບໍ່ແຈ້ງ (Spatial Mining Test Co., Ltd) MPI Agmt Expiry Date: 29/06/2022 License Expiry Date:

General Parties (2) Conditions (3) Shape Map References Documents Reference Codes Commodities (1) Agreements (1) Groups Related Licenses Economic Data (1)

Economic Design (1) Incidences (2) Inspection History Inspection Plan (2) Mine Design Mine Production (3) Mineral Processing Production Processing Plant Design Total Employees

Actions Open (1) Actions Closed Roles (4) Audit

Code: ML0165 Name: ML_Test_Kali

Jurisdiction: ສປປ ຈາວ

Type: ການຊຸດສິ້ນບໍ່ແຈ້ງ (ML)

Status: ສິ້ນສຸດຮົ່ງ (Application)

Interest:

Region: ຊຸງຂອງ

Responsible Office: ກົມທົດລວມທາງກວ່າງຂອງພື້ນຊຸດສິ້ນບໍ່ແຈ້ງ

Old Code:

Term: Unable to calculate

Year: Unable to calculate

Comment:

ML0165

Status: ສິ້ນສຸດຮົ່ງ (Application) Official Area:

Type: ການຊຸດສິ້ນບໍ່ແຈ້ງ (ML) MPI Agmt Signed Date: 29/06/2019 License Start Date:

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Mine Production

There are 3 items in the list.

Date	I.D no	Title Of Design	Responsible Person	Total Resources	Total Reserves	Total Resources/ Reserves Mined	Total Resources/ Reserves Remaining	Forecast / Actual	Months	Years	Design Sent?
01/07/2019	KL-1	Win 1		100,000,00 m3	5,000,00 m3	20,000,00 m3	2,000,00 m3		September	2019	Yes
01/08/2019	KL-2	Win 2		500,000,00 m3	25,000,00 m3	2,999,00 m3	1,500,00 m3		September	2019	Yes
06/08/2019	KL-3	Win 4									



MIS User Interface



Trimble MIS Login  MIS Login  admin

- Homepage
- Mineral Resource & Maps
- Mining Projects
- Mining/Processing Plants
- Address & Reports of Mining Companies
- Authorities & Staff
- Inspection
- Incidence Administration
- Statistics & Reports
- Legal Document
- Search



Laos Mining Information System (MIS)

Thank you...

