

Funding for Building Digital Map Data Center for Ministry Offices

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Group 5

Objectives

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Overview

Digital Map Data Center (DMDC) imported different types of essential maps and related data from various ministries. After that, the data center created the updated common map TO be shared among ministries. Then, the ministry offices could use the updated map in their daily works. In addition, ministries could also create their own map by their specific data to the common map.

Objectives

- To improve the e-government awareness
- To encourage talents (young people) by getting technology transfer from Japan and increase employment opportunities
- To help in constructing (next generation) social infrastructures
- To provide data in land use management
- To enable map data updated timely

Introduction to Digital Map Data Center (DMDC)

So far, many ministry offices in Myanmar use paper maps in their daily work because they don't have digital map. It also takes a lot of costs to create a digital map in each ministry and data duplication also happens. To solve these problems, we are going to build data center that will support common map and related map data (such as address) that can be shared among ministry offices. Moreover, the common map data will be updated timely. At the same time, each ministry can add their specific data to create their own map to support their daily tasks.

1. Structure of DMDC

The system consists of five essential elements, data, system, services, law and organization.

- **Data** consists if map and related data such as census data, sensor data, address, etc.
- **System** will be installed in the data center. From the data center, common map and related spatial data are provided. Moreover, the data are updated timely.
- **Service** is common map distribution service. Necessary information to find and obtain maps is freely available to ministries.
- **Law** guarantees sharing of common map data and distribution of map data. Moreover, related ministries are responsible to submit raw data in order to create and update common map data.
- **Organization** (promotion organization), NSDI Steering Committee should be established as national level committee. NSDI Steering Committee determines NSDI System specifications and frameworks.