



MINISTRY OF ENERGY  
AND NATURAL RESOURCES



# NATIONAL GEOSPATIAL CENTRE

“MyGDI Connects Geospatial Data”

# INTRODUCTION

National Geospatial Centre (PGN) is a centre that manage and promote the development of Malaysia Geospatial Data Infrastructure (MyGDI) as the National Spatial Data Infrastructure (NSDI). PGN is responsible for coordinating the access and delivery of geospatial information held by the federal agencies, state agencies, local authorities and academia.

## NATIONAL SPATIAL DATA INFRASTRUCTURE



# FUNCTIONS

To be the **lead agency to coordinate the development of geospatial standards** in consultation with federal agencies, state agencies, local authorities and academia

To be the **one stop centre for sharing national geospatial data** by working and coordinating with the federal agencies, state agencies, local authorities and academia

To **develop a web services platform** for sharing geospatial information and its utilisation by the federal agencies, state agencies, local authorities and academia

To **plan and conduct human resource** development programs in GIS and the related fields

To organise various **activities in promoting** the use of MyGDI throughout the country

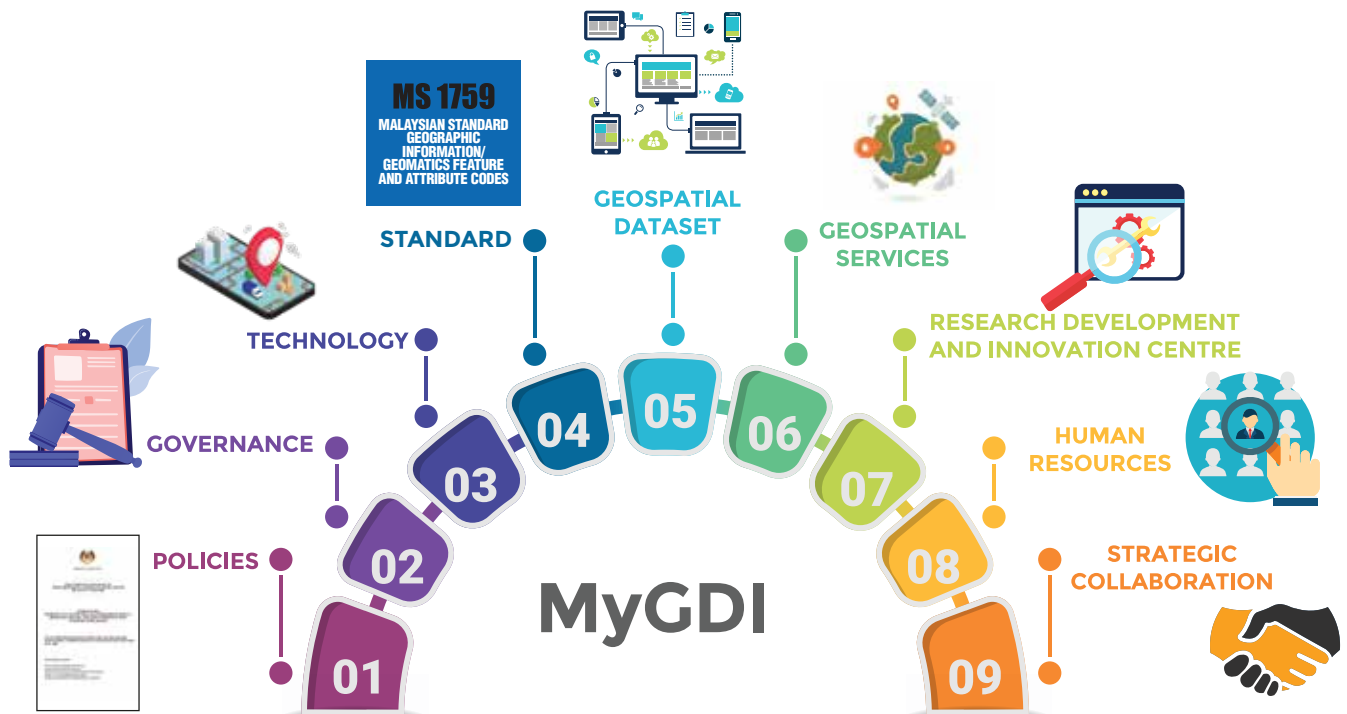
To **represent the public sector** in international forum associated with national spatial data infrastructure

To be a **technical reference centre** for advisory and consulting services with regard to the development of geospatial data application and also for research and development (R&D) in geospatial related field



# WHAT IS MyGDI?

Malaysia Geospatial Data Infrastructure (MyGDI) is an initiative by the government in developing geospatial data infrastructure to enhance the awareness of data availability and improve the access of geospatial information through various stakeholders.





# OUR MAIN ROLES



**Data Provider Agencies**



**National Geospatial Centre (PGN)**

Receives data via:

- Mesyuarat Agensi Tunjak & Custodian Data Geospasial
- Consultation Services



**MyGDI Standard**

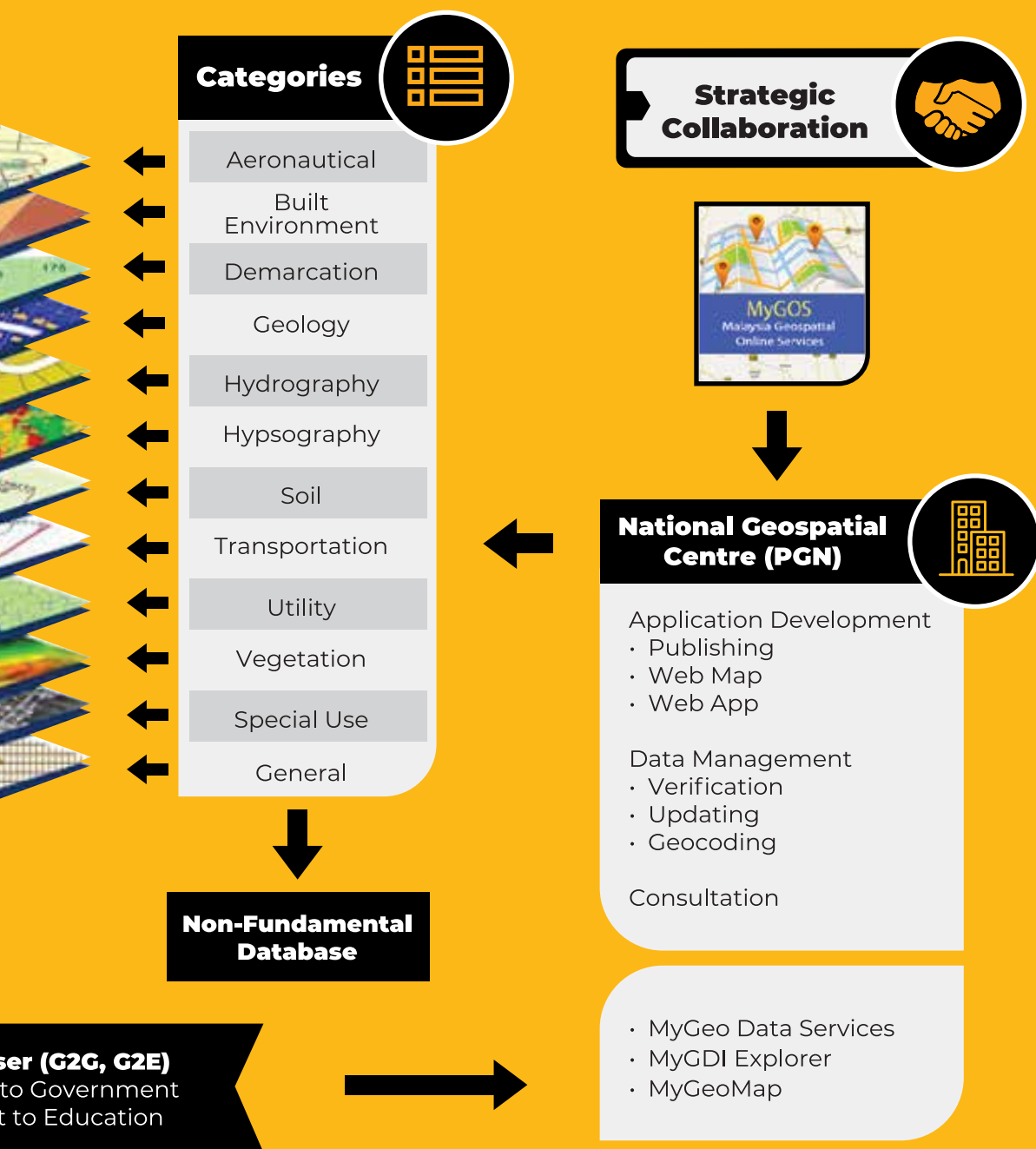
- Coordinate System
- MS 1759
- Metadata
- Geoname
- Unique Parcel Identifier (UPI)
- Color Code & Symbol



**Fundamental Database**



**Sharing to the Users**  
G2G : Government to Government  
G2E : Government to Employees



# ICT INFRASTRUCTURE



## Software as a Service (SaaS)

Provides a geospatial information sharing platform for government agencies

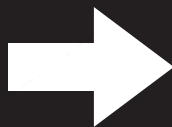
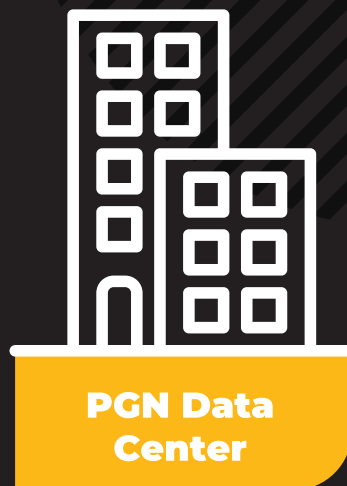
Example of Application:  
MyGOS



## Platform as a Service (PaaS)

Provides cloud database services for geospatial data storage through Microsoft SQL Enterprise platform





# SERVICES & STANDARD





## MyGDI PARTNERSHIP

Through MyGDI, a smart partnership on information sharing and collaboration between agencies was established to further promote development of geospatial products faster, more cost effective and efficient.



...and many others.

*Thank You!*

**REACH US!**



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Pusat Geospasial Negara



pgnketsa



PGNKeTSA

# NOTES



# NOTES





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