

Policy Intervention for Collaboration, Partnerships and Information Sharing

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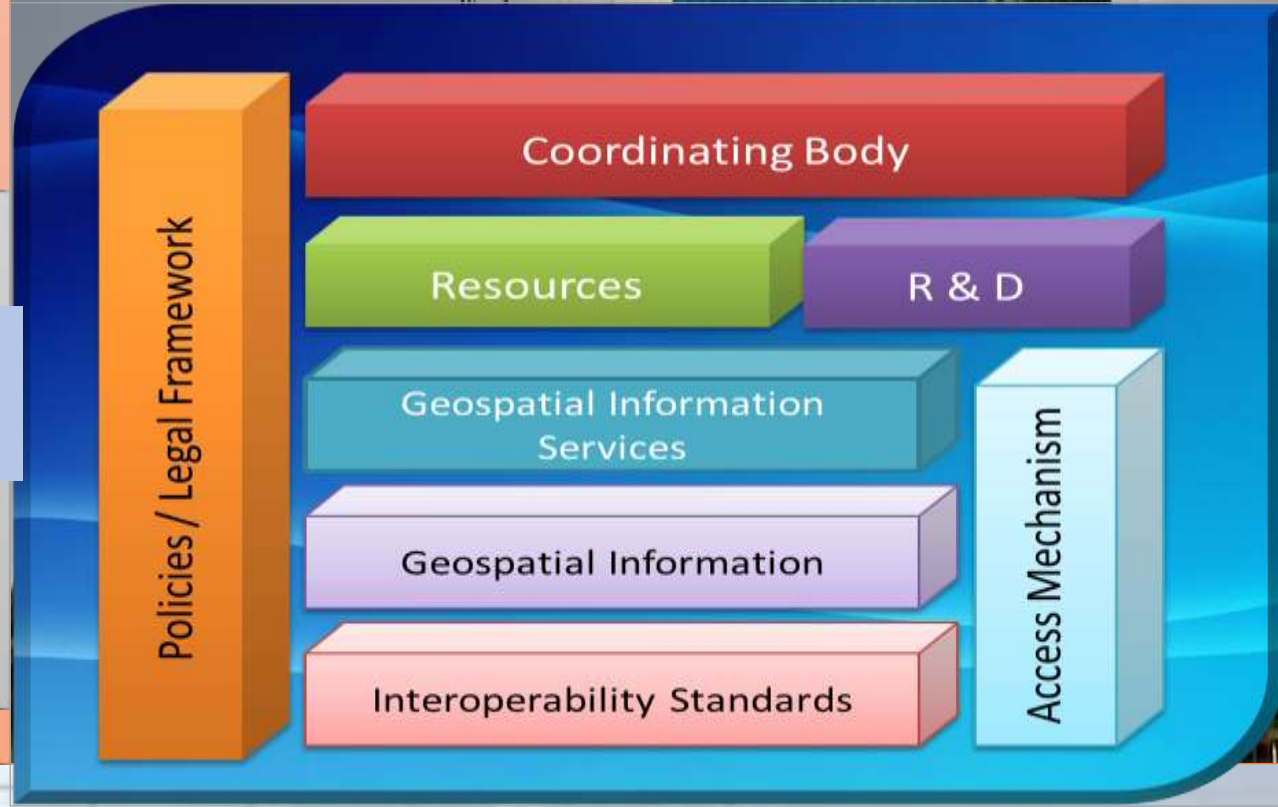
Director

Malaysian Centre for Geospatial
Data Infrastructure (MaCGDI)

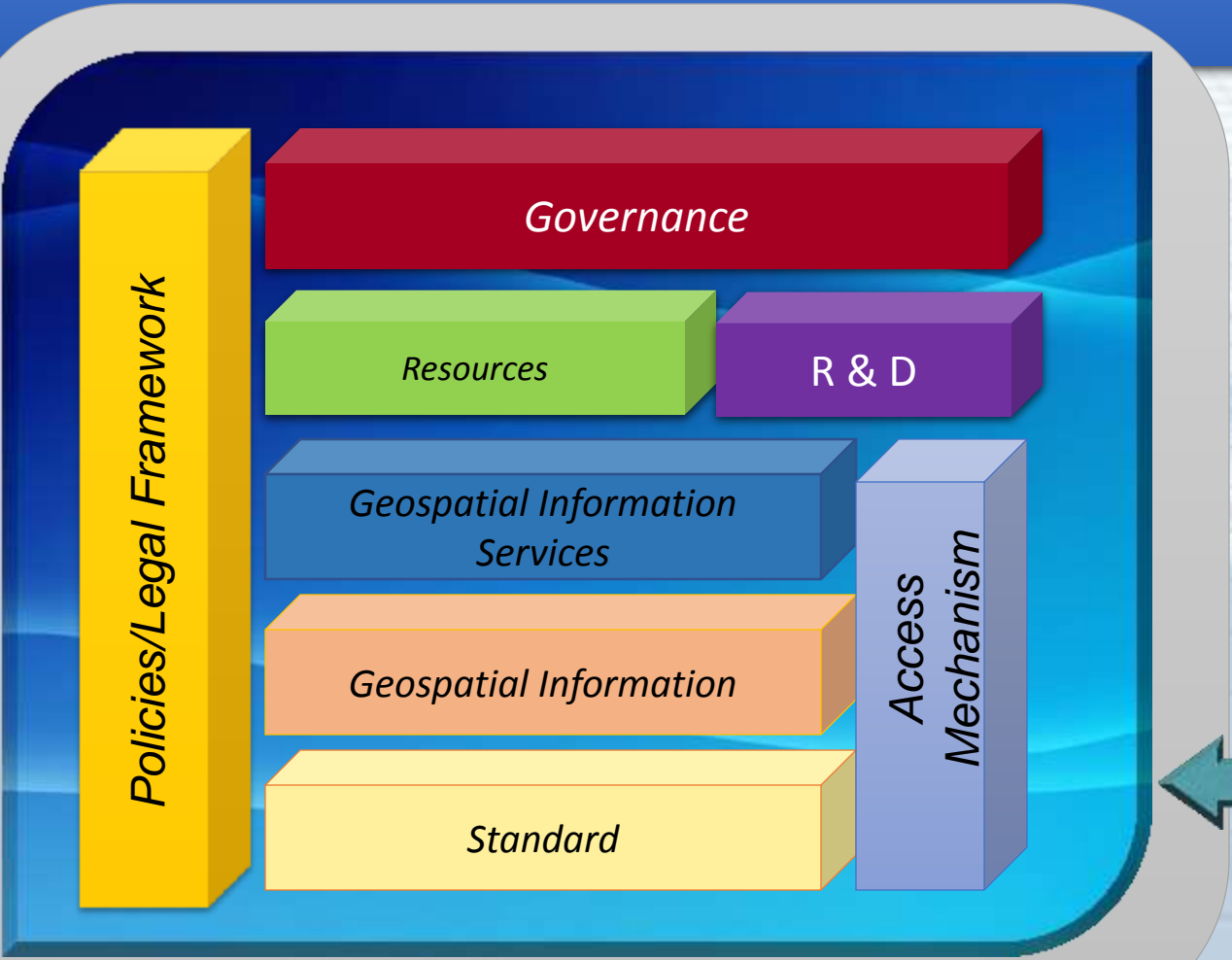
Organization: MaCGDI



**National Program for
Data Sharing: MyGDI**



MyGDI COMPONENTS



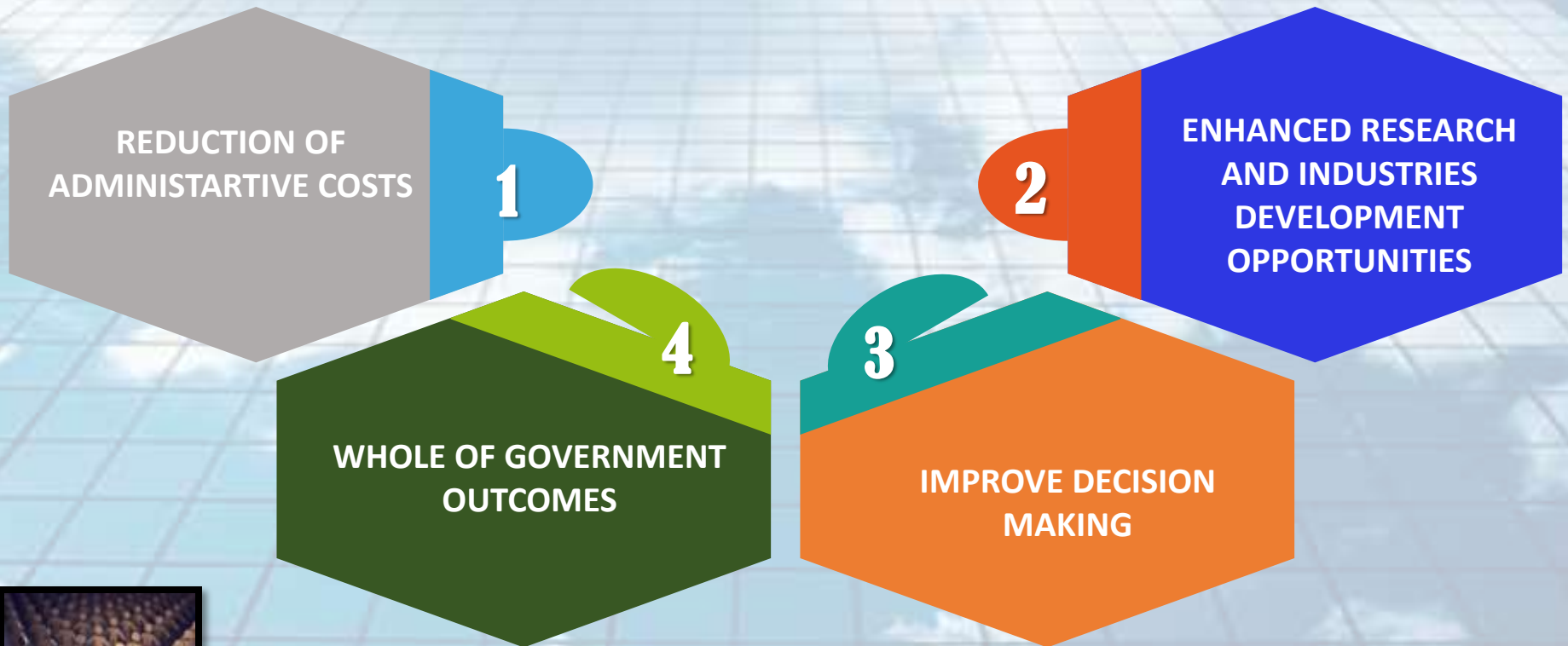
Partnership



Socio-Economic and Environmental Benefits



MyGDI to Facilitate Spatial Enablement of Government and Society



CAPACITY BUILDING



Promoting collaborative efforts

STRENGTHENING
CAPACITY BUILDING
NETWORKS







Promoting the sharing of data, information, reports and articles

Facilitating the sharing of technical resources



Public And Private Collaborations

The **responsibilities** are clearly defined where

-  The **public sector is responsible for standards, policy and legislation;**
-  The public/private sector cooperatively **designs and develop the infrastructure**
-  The **public and private sectors work cooperatively to market the services and technologies** developed under MyGDI initiatives.
-  **Wider coverage in MyGDI** focusing on services for the users from public and private sectors



GEOSPATIAL SERVICES

Many ways to use **GIS** in the real-world!



Energy
Forecasting



Agricultural
Efficiency



Carbon
Management



Aviation
Safety



Homeland
Security



Community
Growth



Disaster
Management



Public
Health



Coastal
Management



Invasive
Species



Water
Management



Air
Quality

Wealth

Wellness

Wellbeing

Wisdom



ISSUE(S) / CHALLENGE(S) and THE WAY FORWARD



OUR PRESENCE CHALLENGES.....

Legal Issues

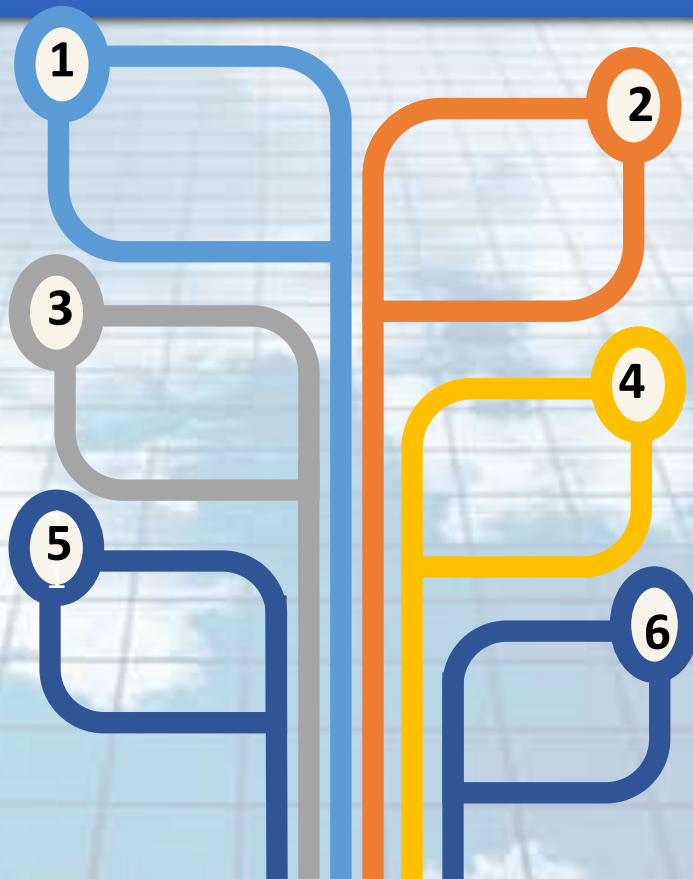
There is no specific legislation relating to geospatial. Existing legislation at the federal, state, local authorities and statutory bodies are silos and confine to their respective sectors.

Expertise Development Issues

Lack of expertise in the geospatial field to meet the needs of government and industry

Geospatial Information Issues

Duplication of efforts in the collection, storage and dissemination of geospatial data that contribute to inefficiency of cost, time and human resources



Sharing Issues

Existence of various constraints that contribute to sharing of geospatial information required for planning, development, security and disaster management for the nation

ICT Infrastructure, Access and Security

Insufficient and inadequacy of ICT accessibility and security to geospatial information.

Governance Issues

The existence of various existing geospatial related committees which are not coordinated by any of the country's highest-level governance structure

PROBLEM STATEMENT

Irregularities of geospatial information management and activity across all sectors contributed to the loss of revenue and threaten the security and sovereignty of the nation.



NATIONAL GEOSPATIAL BLUE PRINT



**NATIONAL GEOSPATIAL
POLICY**



NATIONAL GEOSPATIAL ACT



**NATIONAL GEOSPATIAL
GOVERNANCE**



**NATIONAL GEOSPATIAL
ENTERPRISE
ARCHITECTURE
FRAMEWORK**



**NATIONAL GEOSPATIAL
STRATEGIC PLAN**



POLICY STATEMENT & RATIONALE

"To enhance economic growth and global competitiveness through empowering a coordinated approach for national geospatial agenda to support the national development, sovereignty, security and as well as people's well-being".

POLICY RATIONALE

1. Supporting The Government's National Plan

- a. National Transformation 2050 (TN50)
- b. Eleventh Malaysia Plan (11MP)
- c. The Government Transformation Programme (GTP)
- d. Economic Transformation Programme (ETP)

2. Preserve Sovereignty and National Security

3. Generate National Economic Growth



GUIDING PRINCIPLES

Collaborative Governance

- Stakeholders inclusiveness and collaboration
- Geospatial data, product and services as a national asset
- Systematic data sharing and good governance

Capacity Building and Expertise

- Strengthen stakeholders' capabilities
- Support development of Spatially Enabled Government and Society.

Guarantee of Geospatial Data, Product and Services

- Guaranteed quality and availability of geospatial data, product and services
- Contribution of geospatial to the national economy
- Protection against data abuse

Collaborative Governance

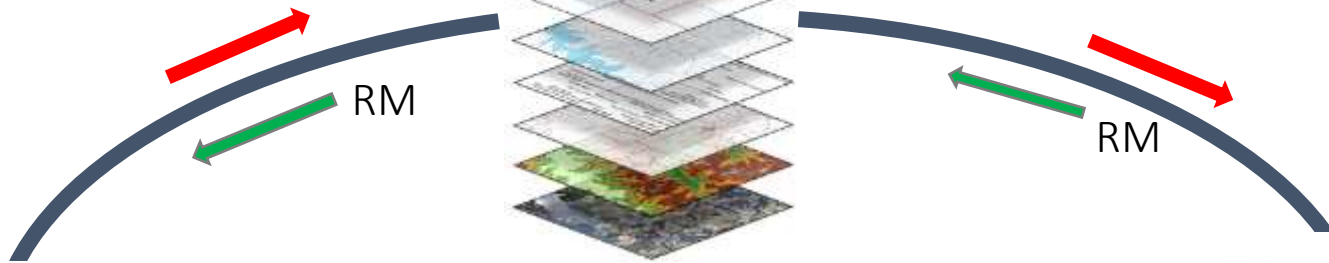
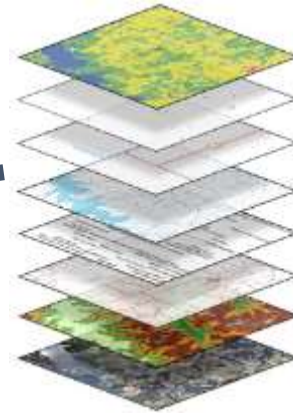
Guarantee of Geospatial Data, Product and Services

Capacity Building and Expertise



GEOSPATIAL BUSINESS MODEL REQUIREMENTS

Collaboration and Commercialization



Supply
Custodians Data/Solution Provider

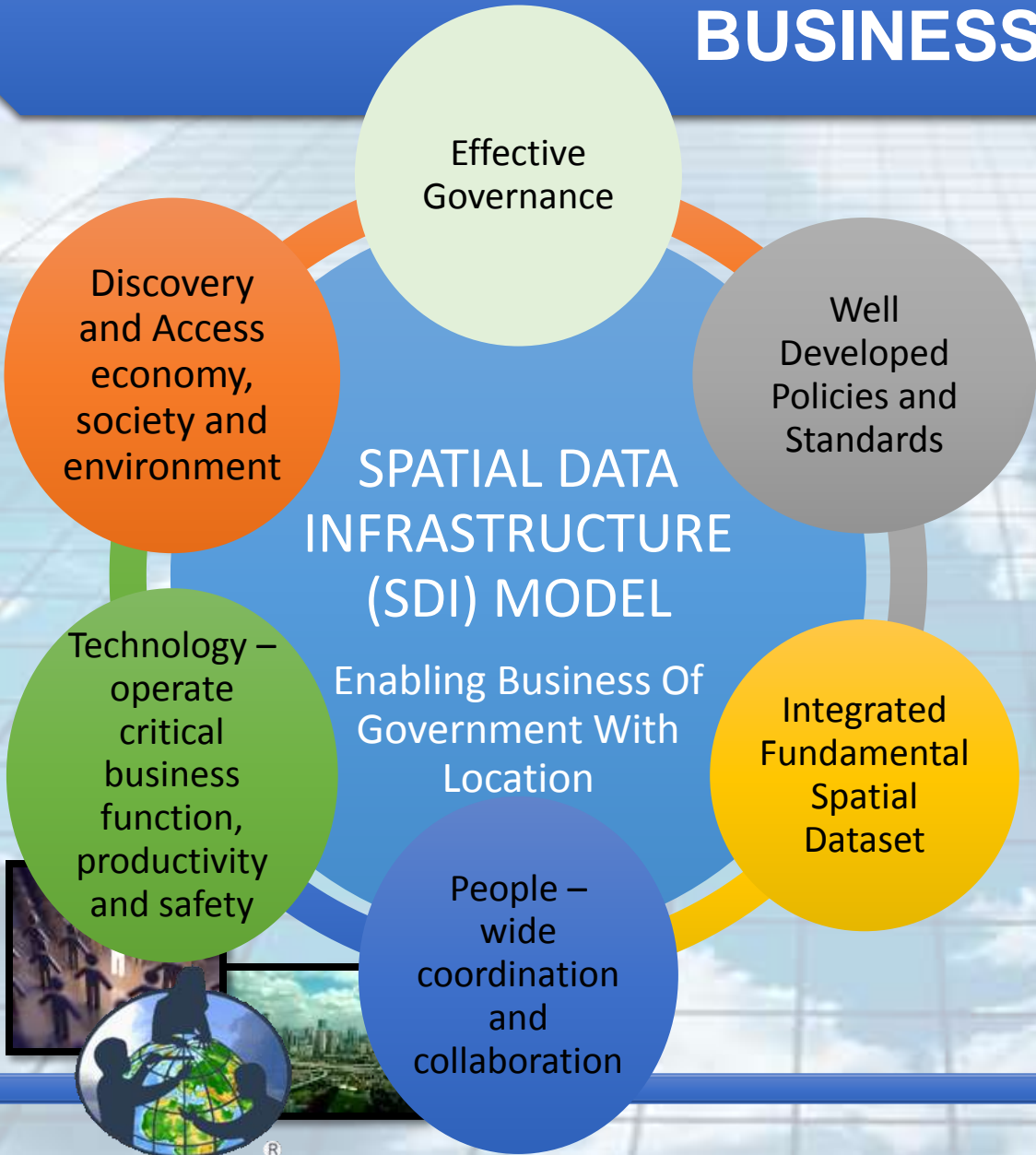


Demand
User/Solution Provider

Data sharing as a Catalyst for Economic Initiatives to Nation



INVESTMENT RETURNS FOR GEOSPATIAL BUSINESS



-  **ECONOMY** 01
- 02 PUBLIC SAFETY** 
-  **ENVIRONMENT** 03

CORE VALUES

QUALITY

Quality of Data



AVAILABILITY

Availability of Data



PROFESSIONAL DEVELOPMENT

Human capital development



COMPLIANCE & ENFORCEMENT

Compliance to guidelines and directives, and enforcement of laws



NATIONAL GEOSPATIAL

EFFICIENCY

Efficiency of governance and management



COLLABORATION

Collaborative governance through stakeholders' inclusiveness



EFFECTIVENESS

Effectiveness of governance and management



SUCCESS FACTORS



Various sources



Data
Sharing

Partnerships
Mutual benefits



*eParticipation
& Co-creation*



Open platform

Innovative and
efficient services



Compliance
and Integrity



Data security



Competency
development

Geospatial analyst
Champions



A close-up photograph of two hands shaking in a firm grip. The hands are positioned in the center of the frame, with the fingers interlocked. The person on the left is wearing a dark suit jacket and a white dress shirt cuff is visible. The person on the right is also wearing a dark suit jacket and a white dress shirt cuff is visible. The background is a vibrant blue and white satellite-style image of the Earth, showing continents and oceans. In the upper right quadrant, there is a large, black, cloud-like thought bubble with a white outline. Inside the bubble, the words "THANK YOU" are written in a bold, white, sans-serif font, stacked on two lines. The overall image conveys a message of gratitude and agreement in a business or global context.

**THANK
YOU**