



MALAYSIAN SPACE AGENCY (MYSA)

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)

SATELLITE DATA RECEIVING STATION
TEMERLOH, PAHANG



MALAYSIAN SPACE AGENCY (MYSA) HEADQUARTERS
KUALA LUMPUR



SPACE TECHNOLOGY COMPLEX
BANTING, SELANGOR



LANGKAWI NATIONAL OBSERVATORY
LANGKAWI, KEDAH



MYSA FUNCTION

- SPEARHEADING THE IMPLEMENTATION OF THE NATIONAL SPACE POLICY;
- LEADING RESEARCH AND DEVELOPMENT IN SPACE SECTOR;
- COORDINATE SATELLITE DATA ACQUISITION (REMOTE SENSING), AND PROVIDE SATELLITE IMAGE SERVICES THROUGH A STRATEGIC APPLICATION SYSTEM;
- EMPOWERING THE NATIONAL CAPABILITIES AS A WHOLE IN THE SPACE SECTOR; AND
- STRENGTHEN INTERNATIONAL COOPERATION IN THE FIELD OF SPACE.



NSP2030 (DAN2030)

NATIONAL SPACE POLICY 2030

Policy Objectives:

- To State the Country's Stand and Objectives On Mastering The Space Sector;
- To Coordinate the Country's Space Activities in an Organised Manner ;
- To Recognise the Need For Access to Space Capability; and
- To Determine the Direction of Development of The Space Sector in Malaysia.

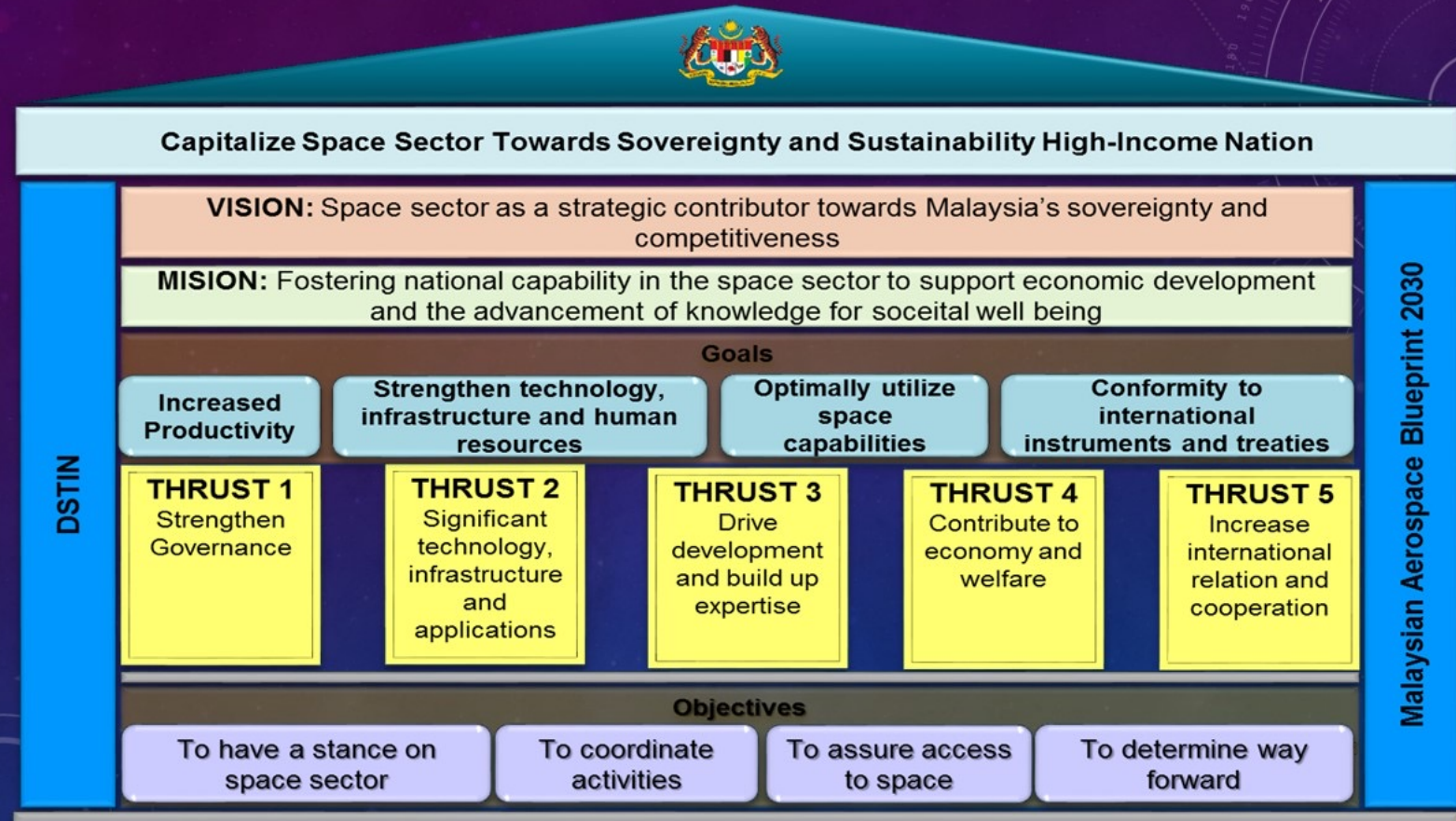
Policy Thrusts:

- Thrust 1 • Reinforcing Governance in Optimising the Country's Access to Space Capability;
- Thrust 2 • Focusing on Space Technology, Infrastructure and Application Significant to the Nation;
- Thrust 3 • Driving the Development of Space Science and Technology as well as Building Expertise;
- Thrust 4 • Contributing to the Economy and Wellbeing of the Country; and
- Thrust 5 • Improving and Strengthening International Cooperation and Network.



MINISTRY OF ENERGY, SCIENCE, TECHNOLOGY,
ENVIRONMENT AND CLIMATE CHANGE

STRUCTURE OF NATIONAL SPACE POLICY 2030



THE NEEDS OF NATIONAL SPACE POLICY



HARNESSING THE POTENTIAL OF SPACE CAPABILITIES AS A STRATEGIC STEP TOWARDS SOVEREIGNTY, SECURITY AND ECONOMY.



AS A BASIS TO DRAFT OUTER SPACE ACT AND RATIFY INTERNATIONAL TREATIES.



TO COMPLIMENT OTHER EXISTING POLICIES

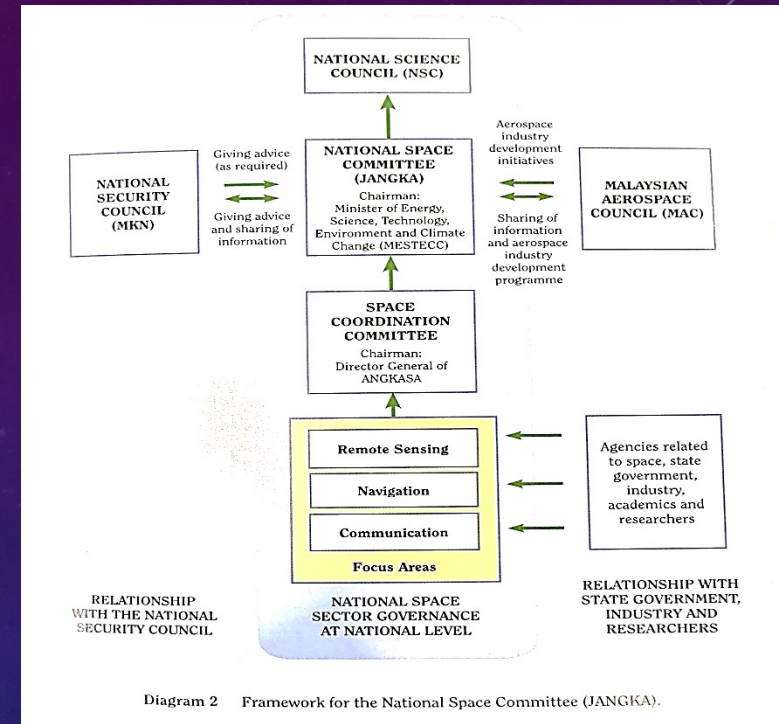


Diagram 2 Framework for the National Space Committee (JANGKA).

INTERNATIONAL OUTER SPACE TREATIES



Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space (1967)



Agreement on the Rescue of Astronauts, the Return of Astronauts and the Return of Objects launched into Outer Space (1968)



Convention on the International Liability for Damage Caused by Space Objects (1972)



Convention on Registration of Object Launched into Outer Space (1976)

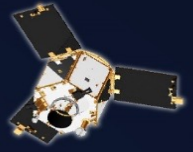


Agreement Governing the Activities of States on the Moon and Other Celestial Bodies (1984)

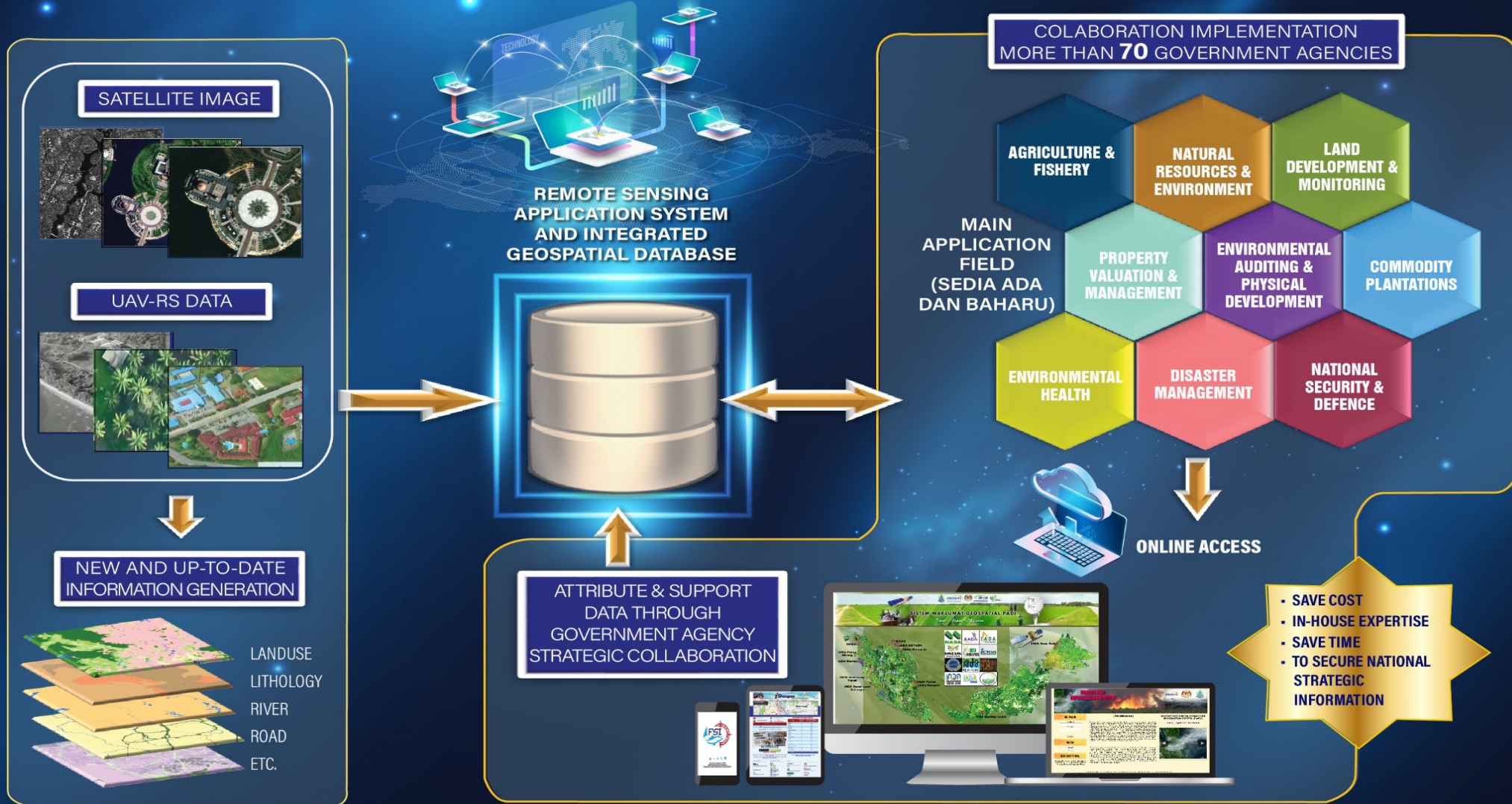
THE WAY FORWARD



RESEARCH AND DEVELOPMENT



Multi-sector remote sensing application System (GovRS-Apps) is a centralized, comprehensive and integrated application system and remote sensing geospatial database containing geospatial information from various sectors such as agriculture and fishery; natural resources and environment, disaster; environmental health; land development, property valuation and management; environmental auditing and physical development; national security and sovereignty.



40 GEOSPATIAL REMOTE SENSING BASED APPLICATION SYSTEM DEVELOPED & OPERATIONALISE SINCE 2012

**DEVELOPMENT
SAVING UP TO
RM49.8 MIL**

(5 new apps each year)



GEOSPATIAL SPACE RS DEVELOPMENT – (R&D, Tech. Adoption, etc..)

14 NATURAL RESOURCES MANAGEMENT AND ENVIRONMENT



1 ENVIRONMENTAL AUDITING AND PHYSICAL DEVELOPMENT



3 DISASTER MANAGEMENT



5 COMMODITY PLANTATION



4 AGRICULTURE AND FISHERIES



1 EVALUATION AND REAL ESTATE MANAGEMENT



3 MONITORING AND LAND MANAGEMENT



1 SECURITY AND DEFENCE



3 ENVIRONMENTAL HEALTH



2030

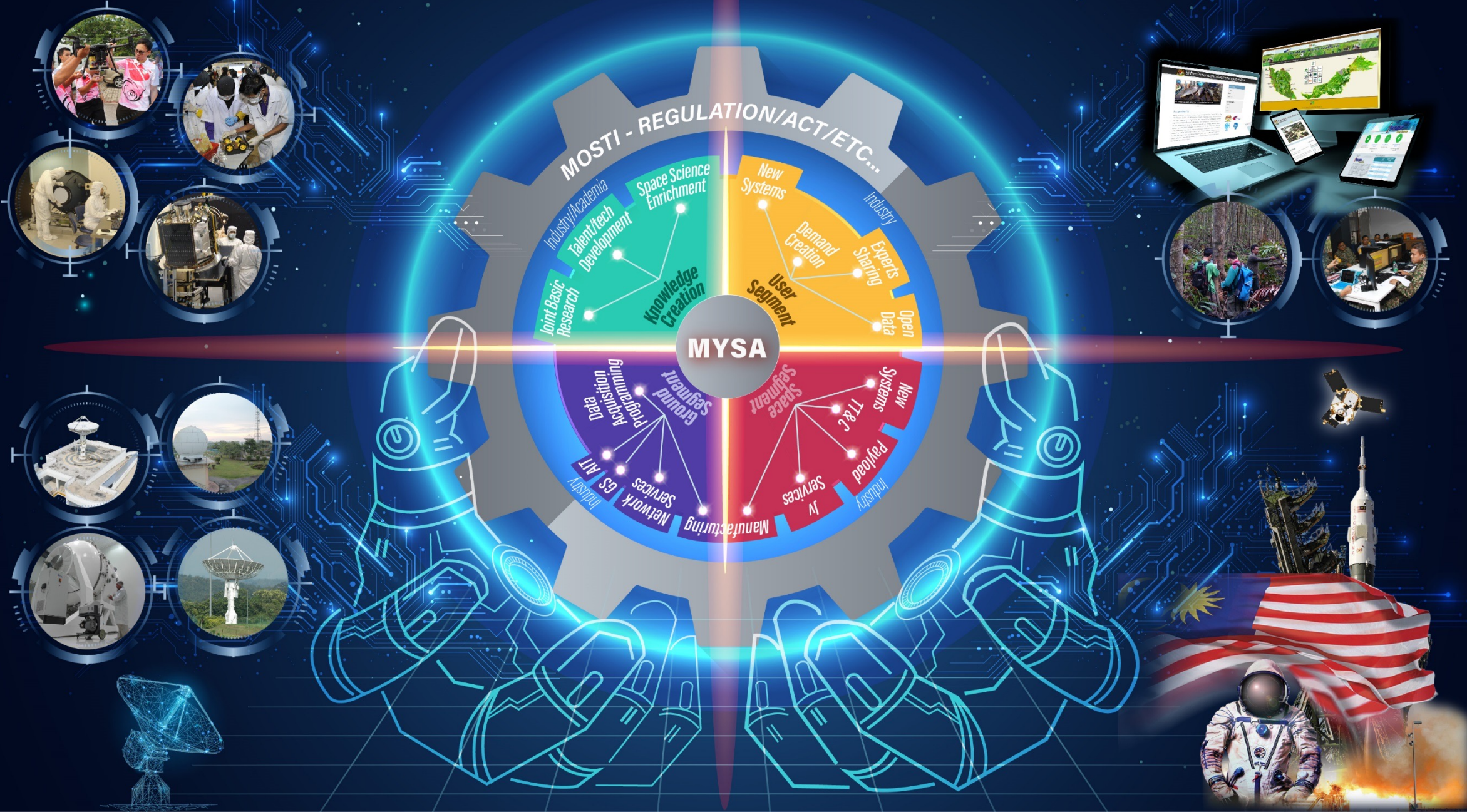
110 AGENCIES AND GOVERNMENT DEPARTMENTS

90 APPLICATIONS SYSTEM



CURRENT

MALAYSIA SPACE EXPLORATION 2030





THANK YOU

- ACE
- TRACE
- SOHO
- Wind
- Voyager 1 & 2
- RHESSI
- Geotail
- Jason-1
- Cluster
- TIMED
- QuikSCAT
- ERBS
- ACRIMSAT
- Landsat 7
- NMP/EO-1
- Ulysses
- Polar
- FAST
- IMAGE
- TOREX/Poseidon
- TRMM
- Aqua
- SAGE III/METEOR-3M
- UARS
- Terra
- GRACE
- EP-TOMS
- Aura
- SORCE
- ICESat