



UN Committee on the Peaceful Uses of Outer Space: 2009 - Fifty-second session

Space technology to support sustainable development of Colombia

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**General Director – Agustín Codazzi Geographic Institute (IGAC)
Executive Secretary – Colombian Space Commission (CCE)**

June, 2009



Colombian Space Commission

DECREE 2442, 2006

Space Conference of the Americas (CEA) 2002 - 2006

Legal and Policy Issues

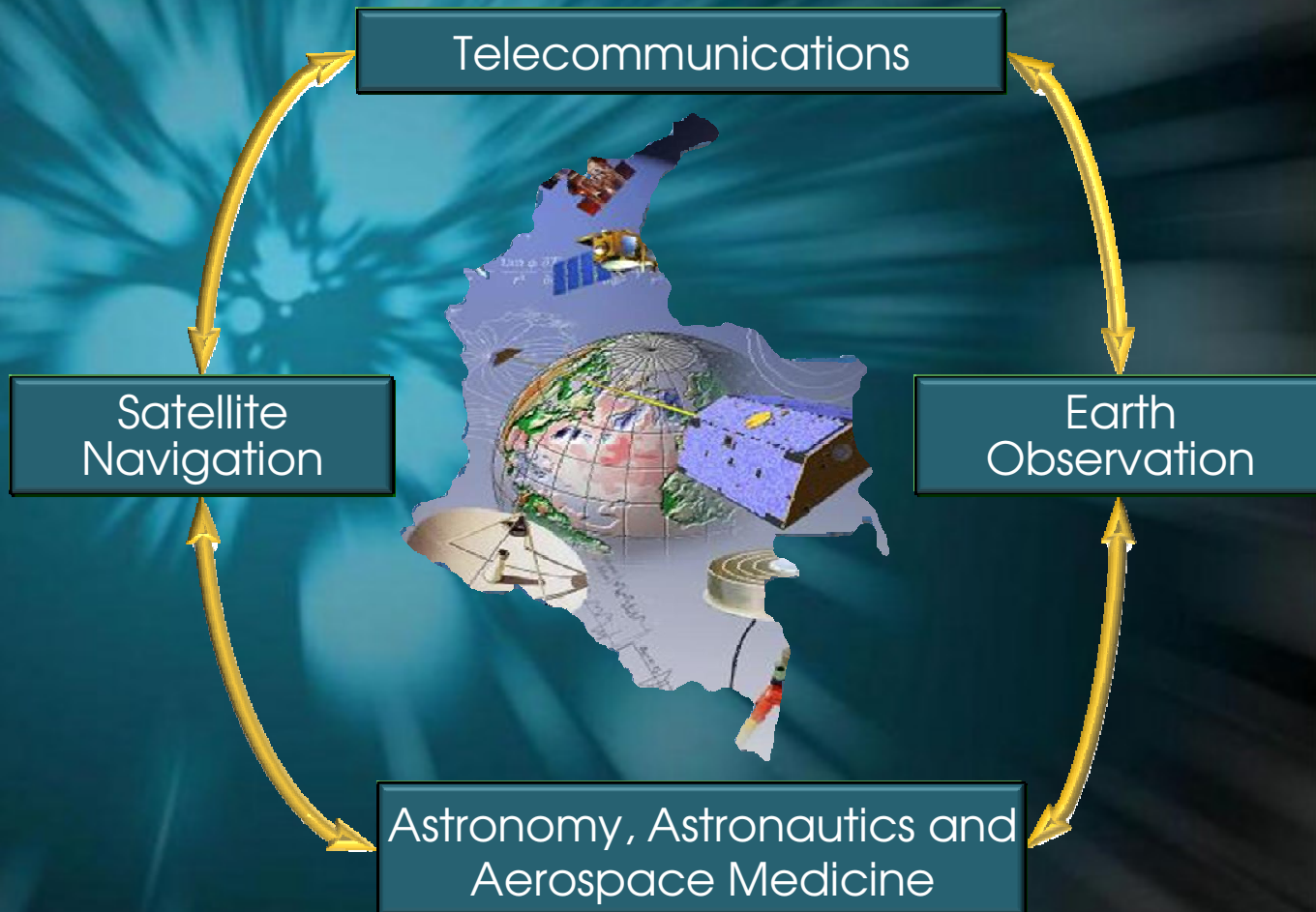
Knowledge Management

Colombian Geospatial Data Infrastructure - ICDE



IGAC
INSTITUTO GEOGRÁFICO
AGUSTÍN CODAZZI

Executive Secretary
2007 - 2010





Colombian Space Commission

DECREE 2442, 2006: VISION

Consolidate access to knowledge about Colombia, the Earth and Space

- Applications of Satellite Technologies
- Research and development projects
- Training and Education programs
- Aerospace Industry development

In order to meet needs of academy, government, productive and private sectors



Strategies to promote CCE Development



**Colombian
Telecommunication Satellite**



**Colombian Earth
Observation Satellite**



**Colombian Geospatial Data
Infrastructure - ICDE**



**Research, Education and Cooperation:
Knowledge Management**



Global Navigation Satellite Systems: GNSS

National Plan: Vicepresidency Agreement N. 12

National Reference System: MAGNA SIRGAS

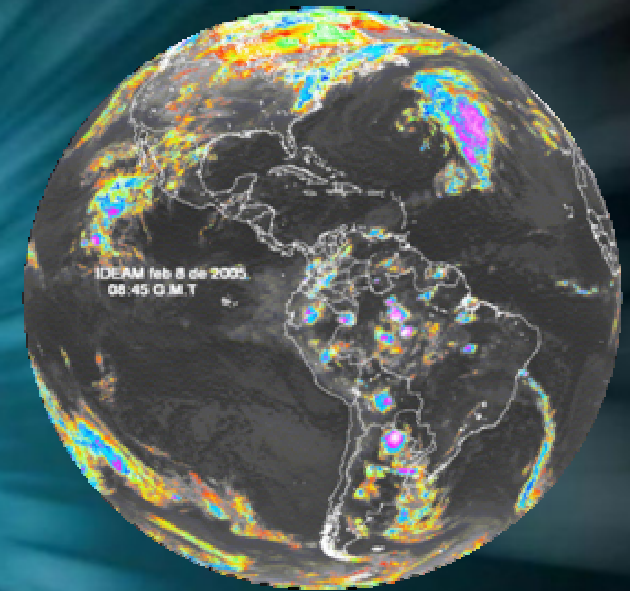
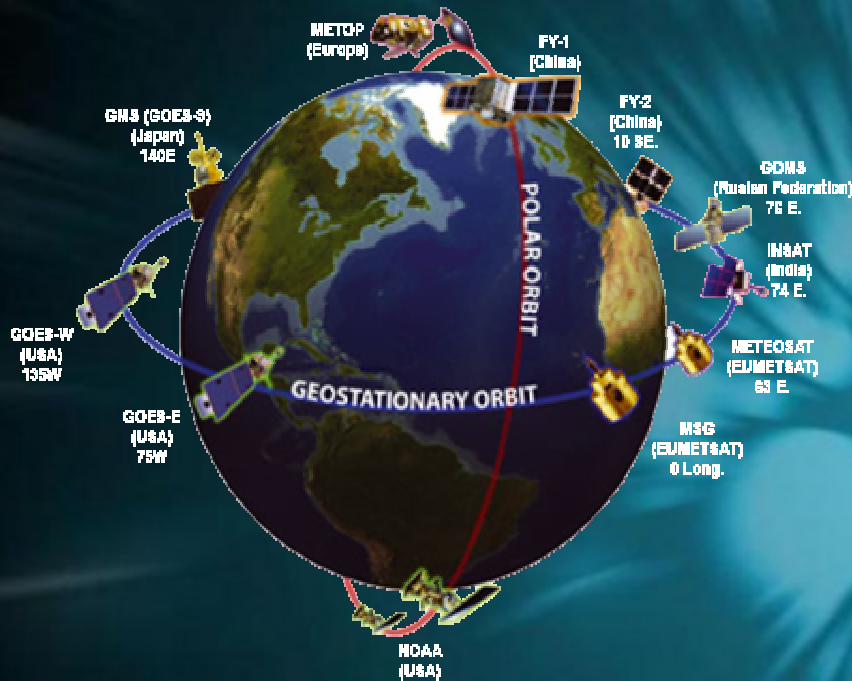
Network Integration: Geodesy and Geodynamics

Applications of GNSS: Common framework for mapping





Remote Sensing: Satellite Imagery



Implementation of Colombian Satellite Programs (Telecom and EO): Vicepresidency Agreement N. 5

National Plan for Earth Observation: Vicepresidency Agreement N. 7

National Imagery Repository: Vicepresidency Agreement N. 8



Colombian Earth Observation Satellite Program

Stage 0
2008

Capacity Building

Technical
Analysis

Stage I
2009 - 2010

National Policy
CoS

Design and
acquisition
processing

Stage II
2011 - 2012

Construction and
launching

Center for Space
Mission Planning
and Control

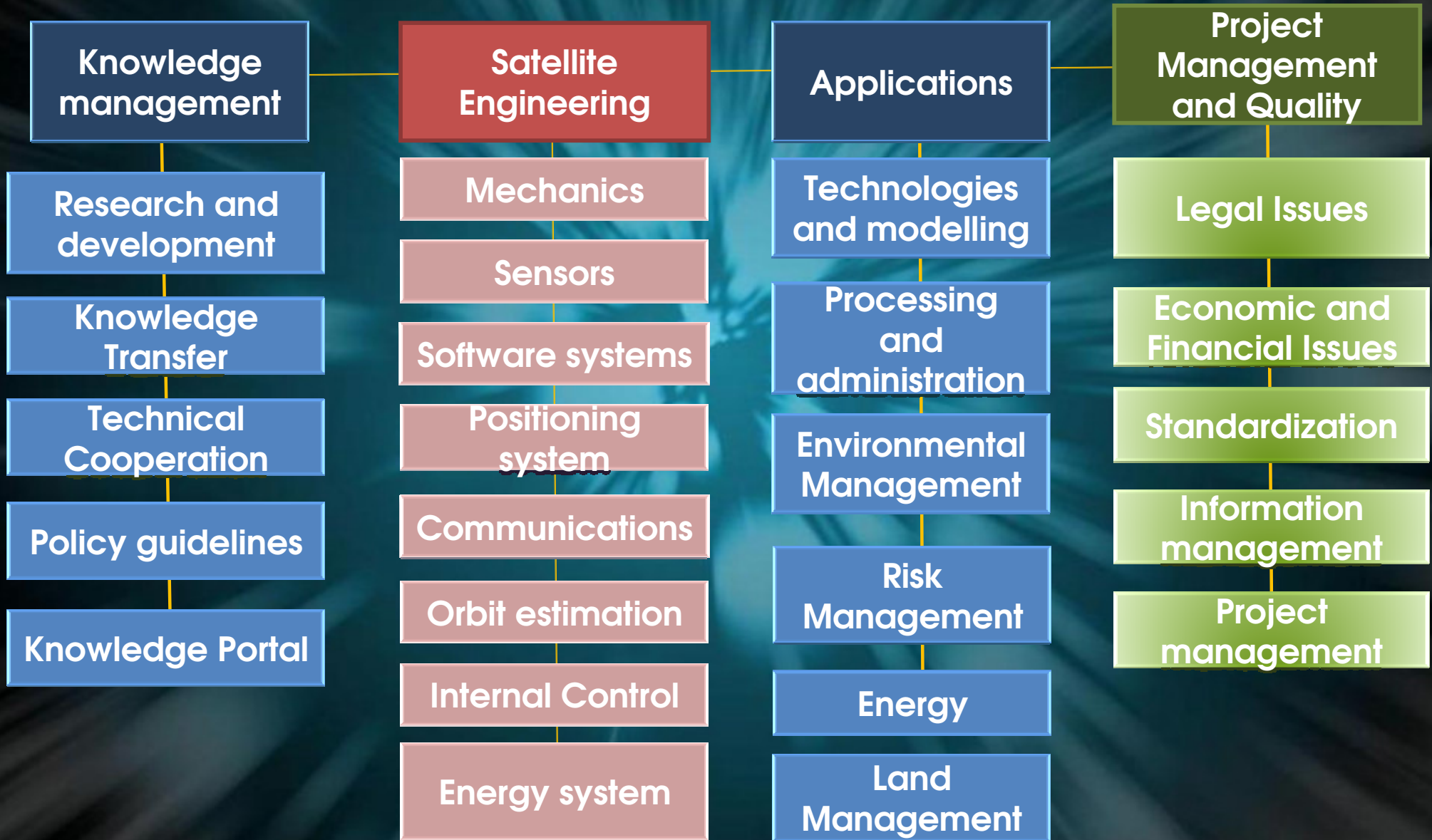
Stage III
2013 - 2014

Agency
Administration
and applications

Knowledge
management



CCE – Executive Secretary





Colombian Earth Observation Satellite Program

Environmental Sector
(16)

Infrastructure Sector
(8)

Agriculture Sector
(10)

Mining and Energy
Sector (11)

Risk Management
Sector (10)

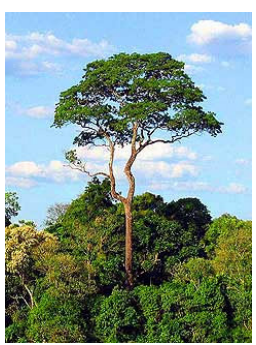
Security Sector (7)

62
INSTITUTIONS

130
REPRESENTATIVES



36 APPLICATION TOPICS



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