

FEB-21, 2013 UNOOSA



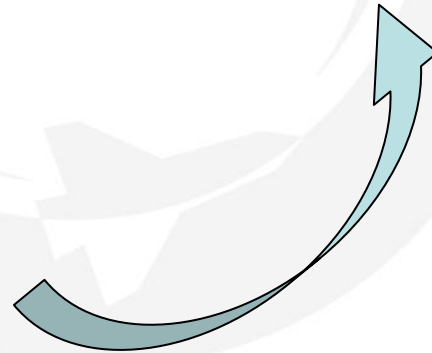
IEE
Instituto
Espacial
Ecuatoriano

SPACE DEVELOPMENT IN ECUADOR



***EDISON LOZANO
HENRY RIVERA***

Ecuadorian Space Institute



CONCLUSIONS



**NATIONAL
CAPACITY**



**SOLVE
PROBLEMS**



**ECUADORIAN SPACE
APPROACH**

BACKGROUND

➤ BACKGROUND



IEE
 Instituto
Espacial
 Ecuatoriano

1995



**AEROSPACE
 CENTRE OF
 RESEARCH
 AND
 DEVELOPMENT**

2006



**V SPACE
 CONFERENCE
 OF THE
 AMERICAS**

2007



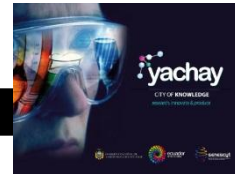
**AEROSPACE
 DEVELOPMENT
 DIRECTION**



19/JUL/2012



**EXECUTIVE
 ORDER N.
 1246**



2013



IEE
 Instituto
Espacial
 Ecuatoriano

1982

1982

**NATURAL
 RESOURCES**



**CENTRO DE
 LEVANTAMIENTOS
 INTEGRADOS DE
 RECURSOS
 NATURALES POR
 SENSORES
 REMOTOS**

1989

**COTOPAXI
 STATION**



1989-2008

**THEMATIC
 INFORMATION
 MANAGEMENT**



2009-2012

**GEOINFORMATION
 FOR TERRITORIAL
 PLANNING**



➤ ECUADORIAN SPACE APPROACH



IEE
Instituto
Espacial
Ecuatoriano

NATIONAL
DEVELOPMENT
PLAN



Ministerio Coordinador
de Conocimiento y
Talento Humano

MINISTRY COORDINATOR
OF KNOWLEDGE AND
HUMAN TALENT



RESEARCH AND
TECHNOLOGY
POLICY



OBJECTIVES AIMED AT GOOD LIVING NATIONAL PLAN

- EQUALITY, SOCIAL COHESION AND INTEGRATION AND TERRITORIAL DIVERSITY.
- IMPROVE THE CAPACITIES AND POTENTIAL OF CITIZENSHIP
- RESPECT FOR RIGHTS OF NATURE, A HEALTHY ENVIRONMENT AND SUSTAINABLE
- GUARANTEE THE SOVEREIGNTY AND PEACE, AND PROMOTING STRATEGIC INSERTION IN THE WORLD AND LATIN AMERICAN INTEGRATION
- AFFIRM AND STRENGTHEN NATIONAL IDENTITY, DIFFERENT IDENTITIES, THE PLURALITY AND MULTICULTURALISM
- ENSURING ACCESS TO PUBLIC AND POLITICAL PARTICIPATION
- ESTABLISH A SOCIAL ECONOMIC SYSTEM, SOLIDARITY AND SUSTAINABLE
- BUILDING A DEMOCRATIC STATE FOR GOOD LIVING





PRIORITY RESEARCH AREAS



FOOD SOVEREIGNTY AND TRANSFORMATION AGROPRODUCTIVE



BIODIVERSITY AND NATURAL HERITAGE



HEALTH, SOCIAL SCIENCES AND HUMANITIES



ENERGY AND CLIMATE CHANGE



TRANSPORT AND MOBILITY



SECURITY AND DEFENSE



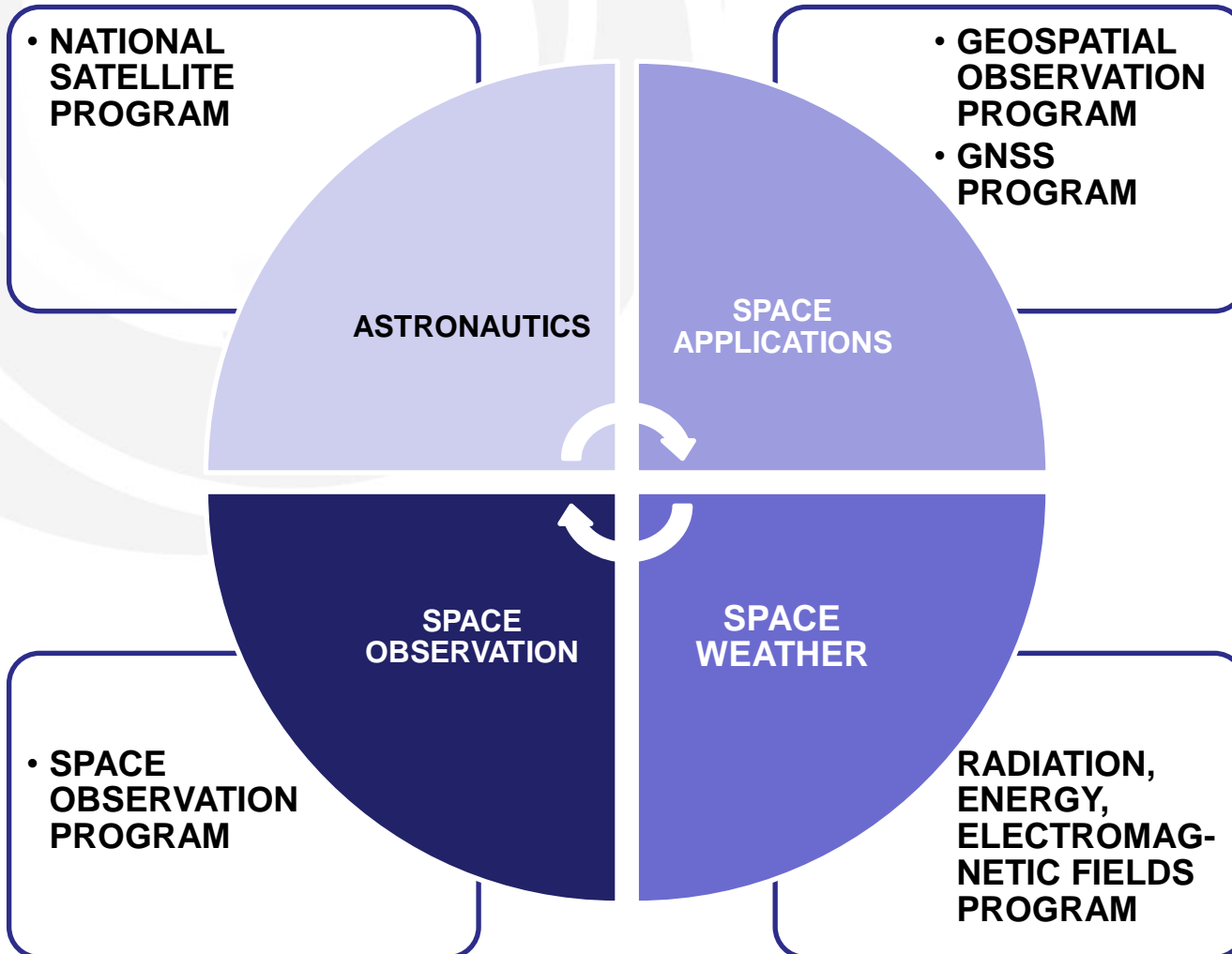
HUMAN HABITAT AND RISK MANAGEMENT

Secretaría Nacional
de Educación Superior,
Ciencia, Tecnología e Innovación

➤ ECUADORIAN SPACE APPROACH



IEE
Instituto
Espacial
Ecuatoriano



➤ SOLVE PROBLEMS



IEE
Instituto
Espacial
Ecuatoriano

ILEGAL
FISHING

DISASTER
MONITORING

PRECISION
FARMING

ILLEGAL
CROPS

ENVIRONMENT

NATURAL
RESOURCES



SECURITY AND
DEFENSE

CIVIL
ENGINEERING

URBAN
PLANNING

COASTAL
STUDIES

SURVEILLANCE

WEATHER/OCEAN

➤ NATIONAL CAPACITY



IEE
Instituto
Espacial
Ecuatoriano

GEOSPATIAL INFORMATION

ASTRONOMY

UNMANED SYSTEMS

SPACE EDUCATION

TELEHEALTH

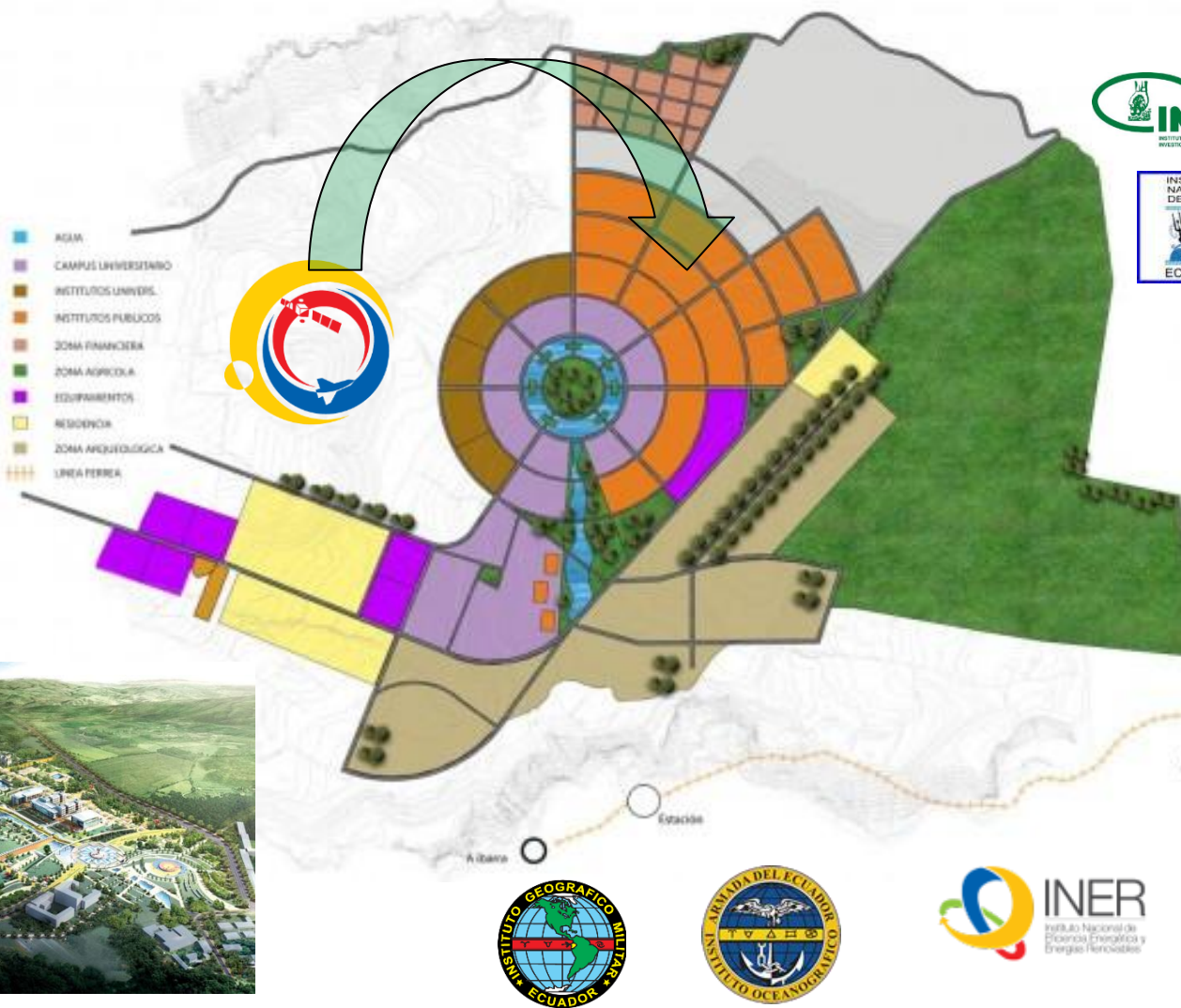
ATMOSPHERIC MODELING

**NATIONAL CAPABILITIES AND
EXPERIENCES**

➤ NATIONAL CAPACITY



IEE
Instituto
Espacial
Ecuatoriano



➤ CONCLUSIONS



IEE
Instituto
Espacial
Ecuatoriano

- ❑ ECUADOR IS DETERMINED TO SOLVE NATIONAL CHALLENGES SUCH AS NATURAL DISASTERS, TELEDUCATION, TELEMEDICINE, ETC THROUGH THE PACEFUL USE OF SPACE TECHNOLOGY
- ❑ ECUADORIAN SPACE INSTITUTE IS FOCUSED TO WORK IN SPACE DEVELOPMENT WITH INTERNATIONAL AGENCIES WITH CLOSE SUPPORT OF UNOOSA.

THANKS FOR YOUR ATTENTION



IEE
Instituto
Espacial
Ecuatoriano



www.iee.gob.ec