



# Update on South Africa's National Space Programme

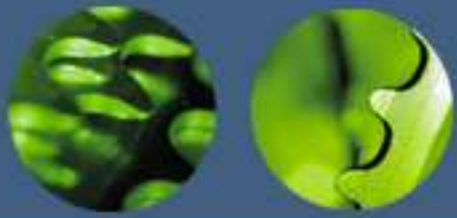
V Munsami

SA-EU Space Dialogue Forum  
18 April 2011



science  
& technology

Department:  
Science and Technology  
REPUBLIC OF SOUTH AFRICA

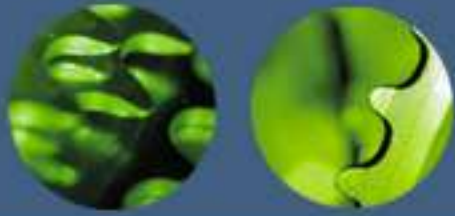


# Presentation Outline

## Policy/strategy instruments

- National Space Policy
- National space Strategy
- South African Earth Observation Strategy
- South African National Space Agency Act

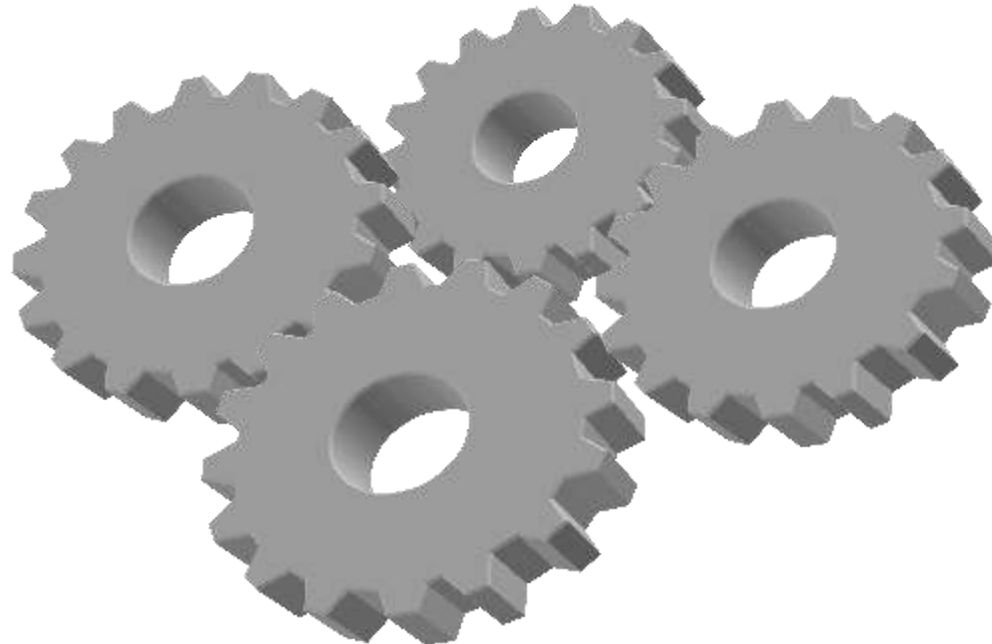




# National Instruments

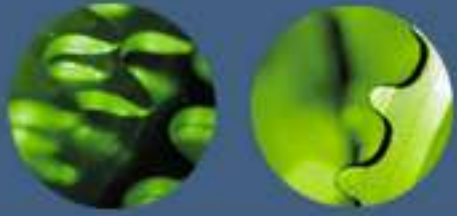
**South African Earth  
Observation Strategy**

**National  
Space  
Policy**



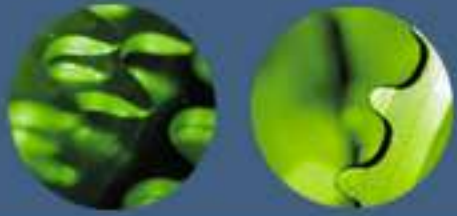
**National  
Space  
Strategy**

**South African National  
Space Agency Act**



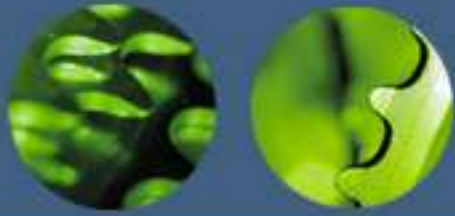
# National Space Policy

- Improve coordination in the South African space arena
- Facilitate the provision of appropriate and adequate space capabilities
- Promote capacity building
- Foster a robust space science and technology base



# National Space Policy

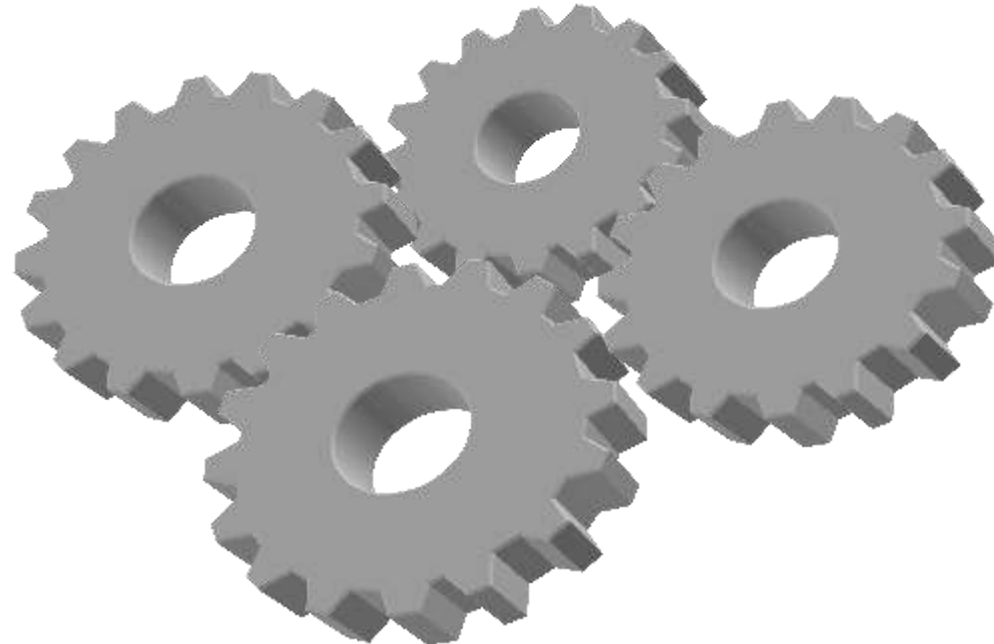
- Promote the development of an appropriate competitive domestic sector
- Improve cooperation with other nations
- Promote greater awareness and appreciation of space science & technology



# National Instruments

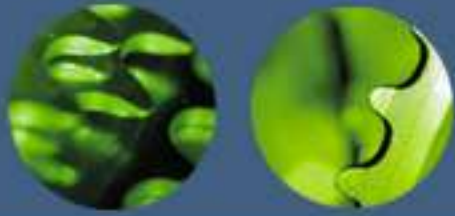
**South African Earth  
Observation Strategy**

**National  
Space  
Policy**



**National  
Space  
Strategy**

**South African National  
Space Agency Act**



# National Space Strategy

## Policy Objectives

## Strategy Objectives

**Improve coordination in the South African Space Arena**

- Organising some of the current space science and technology activities into strategic programmes
- Optimising the organisation of future space activities

**Facilitate the provision of appropriate and adequate space capabilities**

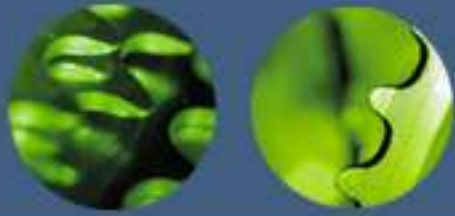
- Developing services and products that can respond to user needs

**Promote capacity building**

- Strengthening training and technology transfer programmes

**Foster a robust science and technology base**

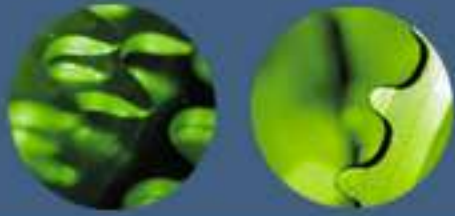
- Promote space science and technology in academic institutions and science centres



# National Space Strategy

Policy Objectives	Strategy Objectives
<p>Promote the development of an appropriate competitive domestic sector</p>	<ul style="list-style-type: none"><li>• Developing the local private space science and technology industry sector</li><li>• Developing and export market for specific equipment for satellite services</li></ul>
<p>Improve cooperation with other nations</p>	<ul style="list-style-type: none"><li>• Partnerships with established and developing space-faring countries</li><li>• Responding to challenges and opportunities in Africa</li></ul>
<p>Promote greater awareness and appreciation</p>	<ul style="list-style-type: none"><li>• Advocating the importance of space science and technology</li><li>• Building local awareness of space science and technology and its benefits</li></ul>

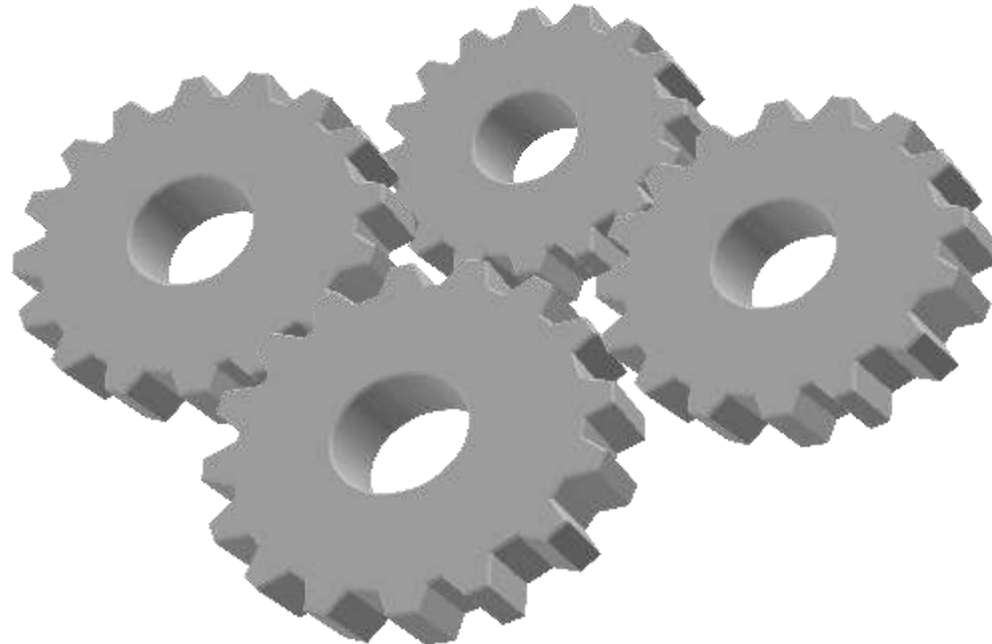




# National Instruments

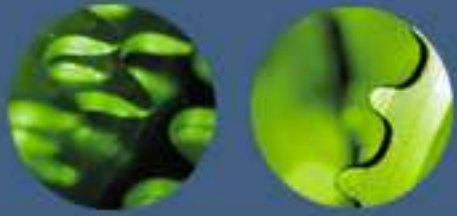
**South African Earth  
Observation Strategy**

**National  
Space  
Policy**



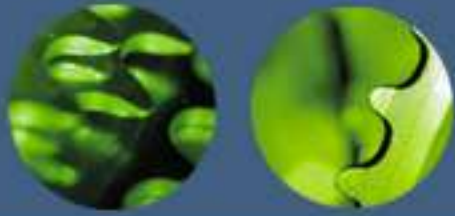
**National  
Space  
Strategy**

**South African National  
Space Agency Act**



# National Space Agency

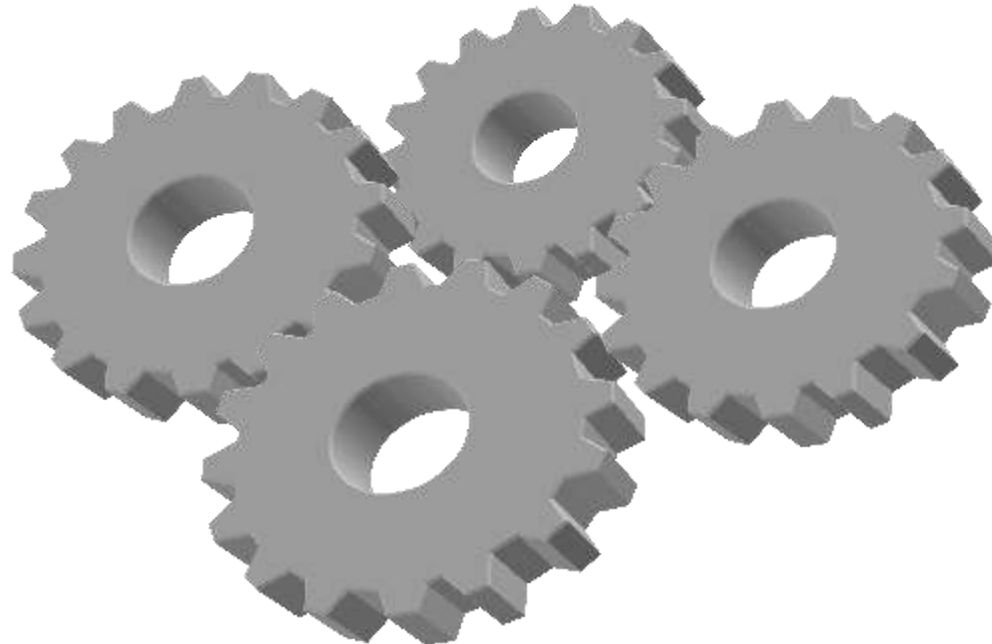
- Promote the peaceful use of space
- Support the creation of an environment conducive to industrial development
- Foster research in space science and technology
- Advance scientific, engineering and technology competencies and capabilities
- Foster international co-operation in space related activities



# National Instruments

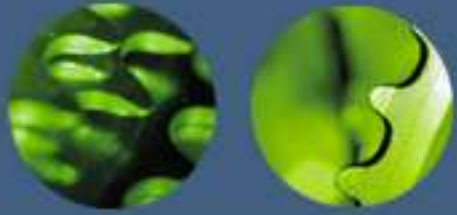
**South African Earth  
Observation Strategy**

**National  
Space  
Policy**



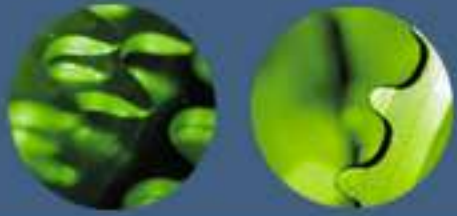
**National  
Space  
Strategy**

**South African National  
Space Agency Act**



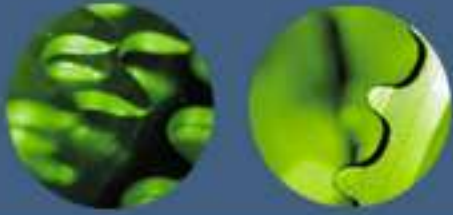
## South African Earth Observation Strategy

- Identification of gaps and opportunities for synergies in sampling, data processing and dissemination processes
- Advocating the development of new observation and information sharing capabilities
- Develop human capital
- Ensuring information needs of users are met



# South African Earth Observation Strategy

- Developing and promoting standardisation
- Creating value-enhanced datasets
- Ensuring crucial datasets are archived
- Interaction with regional and global observation systems



**THANK YOU**