

# Towards the Development of a Transformed Downstream Earth Observation Industry through NEOFrontiers Programme

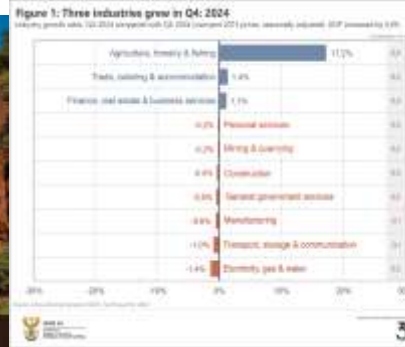
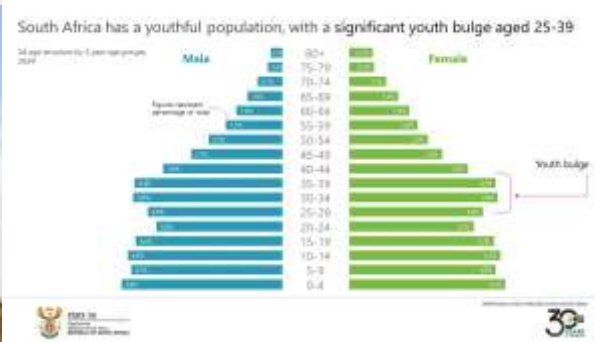
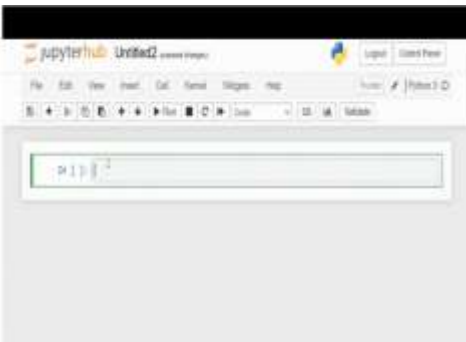
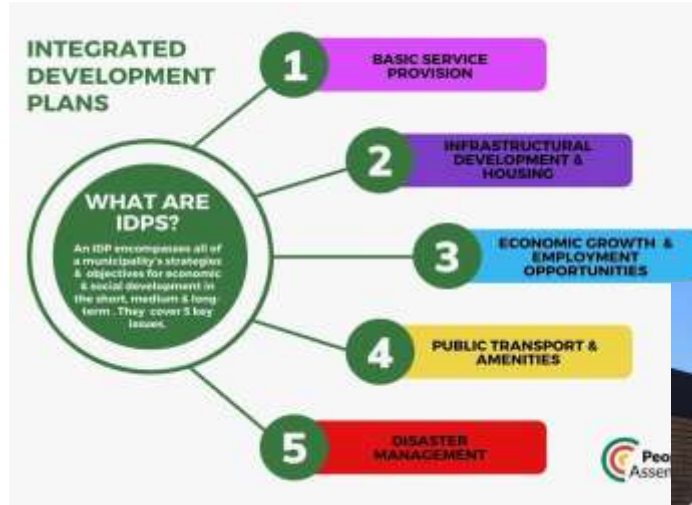
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## Act No. 36, SOUTH AFRICAN NATIONAL SPACE AGENCY ACT, 2008

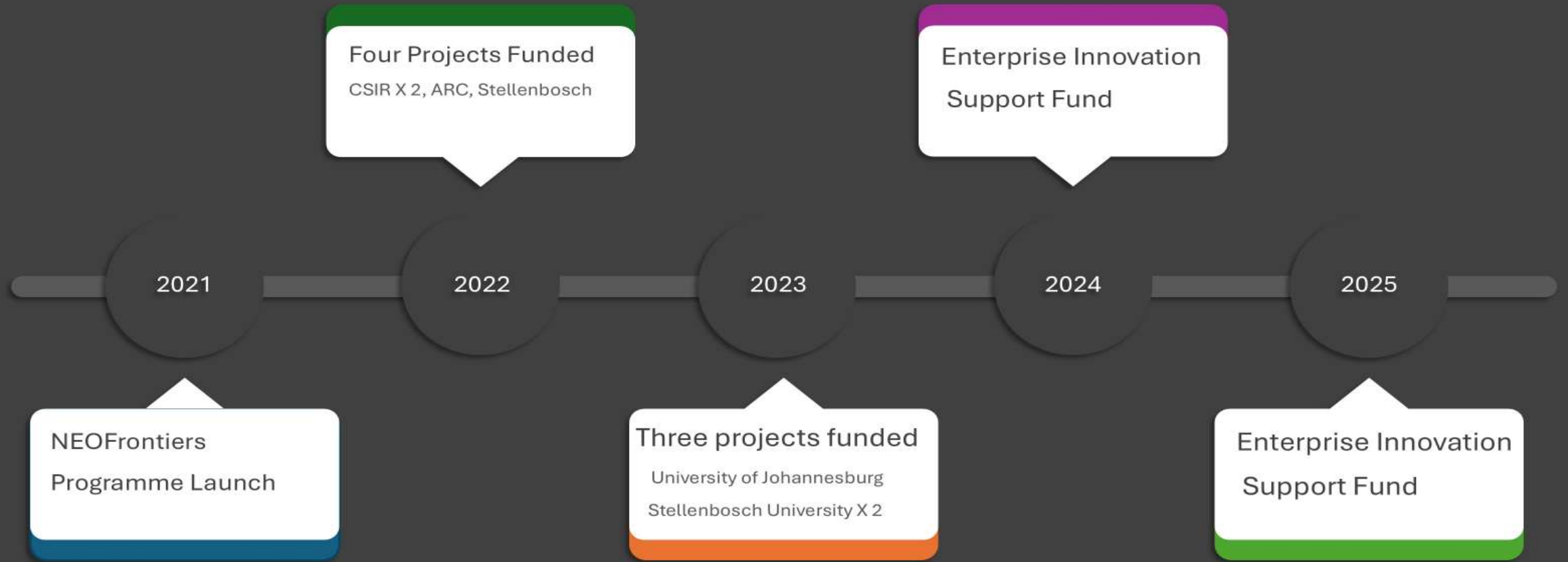
To provide for the promotion and use of space and co-operation in space-related activities, foster research in space science, advance scientific engineering through human capital, support the creation of an environment conducive to industrial development in space technologies within the framework of national government policy, and for that purpose to establish the South African National Space Agency; to provide for the objects and functions of the South African National Space Agency and for the manner in which it must be managed and governed; and to provide for matters connected therewith.

# Opportunities





# New Earth Observation Frontiers (NEOFrontiers)



# NEOFrontiers Enterprise Innovation Support Fund

## Objectives

- Provide innovation support to startups, MSMEs and organizations that will transform Earth Observation based ideas to products and/or services
- Develop and transform downstream EO industry
- Increase the competitiveness of the South African EO sector
- Increase the benefits of EO to society

# NEOFrontiers Innovation Enterprise Support Fund 2024

8 start-ups,  
MSMEs

Mining  
Disaster  
management

Up to R1 000  
000.00

4 Black Women

Health  
Agriculture

12 month  
business  
incubation







# Enterprise Innovation Support

- ❖ 1 on 1 mentorship, monthly
- ❖ Technology development and commercialization expertise
- ❖ Professional services (case by case), e.g. legal, finance, HR
- ❖ Milestone driven delivery (max. 3 milestones)
- ❖ Access to innovation ecosystem networks
- ❖ SANSA's support





# NEW EARTH OBSERVATION FRONTIERS ENTERPRISE INNOVATION SUPPORT FUND 2025

CLOSING DATE:  
10 APRIL 2025

I'M INTERESTED

VIEW RULES

The South African Space Agency (SANSA) and the National Research Foundation (NRF) invite start-ups, small, medium and micro enterprises (SMMEs), and entrepreneurs to submit applications for funding through the New Earth Observation Frontiers Enterprise Innovation Support Fund (NEOFrontiersEISF). This initiative is a sub-program of NEOFrontiers, which is funded by SANSA and managed by the NRF to support skills, technology and product development.

The proposals to be considered in the NEOFrontiersEISF will focus on novel uses of Earth Observation in the following areas:

Applications and product development in banking, insurance, mining, health innovation, and community-based services.

Cross cutting service areas/decision support tools to support the circular economy; blue economy; security and defence; food security/precision agriculture; disaster risk reduction; and early warning systems.



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Technology Innovation Agency (TIA), an entity of the Department of Science and Innovation (DSI) was established in terms of the TIA Act, 2008 (Act No. 26 of 2008), with the objective to stimulate, intensify and exploit technological innovation to improve economic growth and the quality of life of all South Africans.

## CALL FOR PROPOSAL

## SPACE TECHNOLOGIES

### PURPOSE OF THE CALL

TIA is calling for the submission of funding applications for the Space Innovation Initiative. This is a strategic initiative by the Department of Science and Innovation (DSI) and Space Infrastructure Hub (SIH), implemented by the South African National Space Agency (SANSa). Its objective is to grow Space Science and Technology infrastructure capabilities for sustainable development and growth of the South African Space economy. The Space Innovation call aims to strengthen the local capabilities in Space Science and Technology; by supporting the development and commercialisation of innovative Space technologies to create products and services that will benefit the country. Solutions supported by this call are expected to advance the space industry development by extending the current efforts of the SIH. This includes investing in the development and commercialisation of innovative solutions that will respond to national challenges and grow the participation of black owned SMEs to transform and grow the South African space economy. Applications are invited from recognised South African legal entities, including start-ups, SMEs, private enterprises, science councils and higher education institutions.



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# The Integrated Earth Observation Solutions

- ✓ Up-to-R 500 000.00
- ✓ 6 months

Targeted initiatives:

- ✓ Citizen Science
- ✓ Establishment of EO data centres for community-level data collection an analysis
- ✓ EO and geospatial solution development





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# CREDITAIS

Unlock Better Decisions with Earth Observation & AI

PROJECT OVERVIEW: EO-DRIVEN FINANCIAL  
CREDIT SCORING SYSTEM FOR AGRICULTURE



**Objective:** Use Earth Observation (EO) data to improve financial credit scoring for farmers, especially in underserved regions.

**Approach:** Integrating EO data (crop health, sustainability practices, climate patterns) with traditional financial data to build accurate, risk-adjusted credit models.

**Impact:**

- Enable financial inclusion for smallholder farmers.
- Support sustainable agriculture and climate resilience.
- Strengthen food security in South Africa.



Thank you

[www.sansa.org.za](http://www.sansa.org.za)



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