TECHNOLOGY INNOVATION FUNDING

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For: STERG Symposium
18 July 2019

AGENDA

- ➢ TIA Overview

- ➢ TIA Support Instruments

- ➢ Obstacles to Innovation

TIA Mandate

The mandate of TIA is derived from the provisions of the Technology Innovation

Act (Act 26 of 2008), which establishes TIA as an Agency to **promote the development and exploitation**, in the **public interest**, of **discoveries**, **inventions**, **innovations** and **improvements.**

The objective of TIA is to **support the State**, through the DST, in **stimulating** and **intensifying technological innovation** in order to **improve economic growth** and the **quality of life** of all South Africans by **developing and exploiting technological innovations.**

TIA Overview

A national agency that supports the commercialisation of technology ideas for:

- Economic growth
- Improved quality of life

We are in a business of translating an idea or an invention into a good or service that creates value. It is about making money. Nothing to do with bright ideas.

Innovation Enabling Support

- Collaborative programme that aims to leveraging the strengths of partner to drive a technology solution

Technology Innovation Programmes

- Aimed at enabling universities to provide innovative SET solutions to SMEs

Technology Stations Programme

- Facilitate access to key infrastructure and expertise for technology innovation

Technology Platforms Programmes

- YTIP assists young innovators in need of funding, mentorship and enterprise development support

Youth Technology Innovation Programme

- Designed to strengthen the fundamental business skills required by technopreneurs

Innovation Skills Development

- Aims to find and foster (SMEs) with technology solutions that tackle the most pressing energy, environmental and economic challenges in South Africa

Global Cleantech Innovation Programme (UNIDO)

Funding and TRL

- In order to fulfil its mandate, TIA will fund technologies from proof of concept stage (TRL3) to technology development (TRL 4-7) and support the pre-commercialisation stage (TRL8)

- *TRL 3 – Proof of concept*
- *TRL 4-5 – Technology development (prototyping / piloting)*
- *TRL 6-8 – technology demonstration and pre-commercialisation (limited funding; partnerships)*

Technology Development Support

- We provide resources to the investee to:
  - Search for a business model
  - Scalable and repeatable business
  - Customer discovery process
  - Economic costs (product is able to be manufactured or provided)

Technology Development Support

- The aim is to enable technology developers to obtain credible information about:
    - cost
    - reliability
    - dimensions of performance under conditions that approximate actual conditions of use

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Thank You

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technology innovation
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