



THE ROLE OF INNOVATION AND TECHNOLOGY

IN ACHIEVING AFRICA'S AGENDA 2063 (THE AFRICA WE WANT)

OPPORTUNITIES PROVIDED BY THE UGANDAN
GOVERNMENT FOR ENTREPRENEURSHIP
DEVELOPMENT

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WHAT IS AFRICA AGENDA 2063?

AFRICA AGENDA 2063 IS A STRATEGIC FRAMEWORK FOR THE SOCIO-ECONOMIC TRANSFORMATION OF THE CONTINENT FOR THE NEXT 50 YEARS (STARTING IN 2013).

“An integrated, prosperous and peaceful Africa, driven by its own citizens and representing a dynamic force in the international arena”



KEY DEFINITIONS

The gist of the Agenda 2063 is to attain Socio-economic transformation and sustainable development.




How should it be attained?

- Driven by citizens

Key Outcome indicators

- An integrated Africa
- Peace and prosperity
- Africa is a dynamic force on the international agenda



"When a country adopts innovation, its people produce more with the same amount or fewer resources, thereby increasing productivity which then grows the economy."

INNOVATION AND HUMAN CAPITAL

- Innovation research and development rapidly grow human capital.
- Human capital refers to the production factors coming from human beings creating goods and services
- Human capital: the knowledge, skills, habits, creativity, social and personality attributes- attributes that drive economic growth

WHY DO NATIONS NEED STI

"To Solve their Problems of Poverty and Underdevelopment."



SCIENCE, TECHNOLOGY AND INNOVATION (STI)

Science, Technology, and Innovation (STI) is a crucial driver of economic growth and a prime source of competition in the global marketplace with at least 50% of growth attributable to it. It must therefore be an essential ingredient in the recipe for the attainment of the Africa Agenda 2063



Technology
Importation

Technology
Development

Technology
Transfer

What's Standing in our Way?

1 Unfavorable Ecosystems Religion and Culture.

2 Incomplete Education System

3 Limited Ability to Develop Systems

4 Prioritization Systems



The African Innovation System

While many regions were at the same level as Africa at independence, the continent has lagged in economic development catalyzing ingredients - *Innovation and technology*. This is despite summits, declarations, and initiatives.

A NEW APPROACH

BUILD CAPACITIES

We need to build capacities which address the key barriers.

- *Preach the right things in religion (use a principle-based approach)*
- *provide models for a complete education*

CREATE PROTOTYPES

We need to build functional prototypes that demonstrate a new way of thinking and living

SET PRIORITIES

We need to set priorities and take the risks that come with funding them.

N.S.T.I SYSTEM

Uganda as a prototype

The vision

“ A Transformed Ugandan Society From A Peasant to a Modern And Prosperous Country Within 30 Years.”

STRATEG

Y

**How Do We
Become The Best?**

LEAP-FROG

We must catapult ourselves into the future.

BACK-LOOP

Pick up what has lagged behind and drop what no longer serves us.

Prioritized Industrial Value Chains



Pathogen
Economy



Mobility



Aeronautics
and Space



Industry
4.0+



Infrastructure
Innovations



Productivity
Acceleration

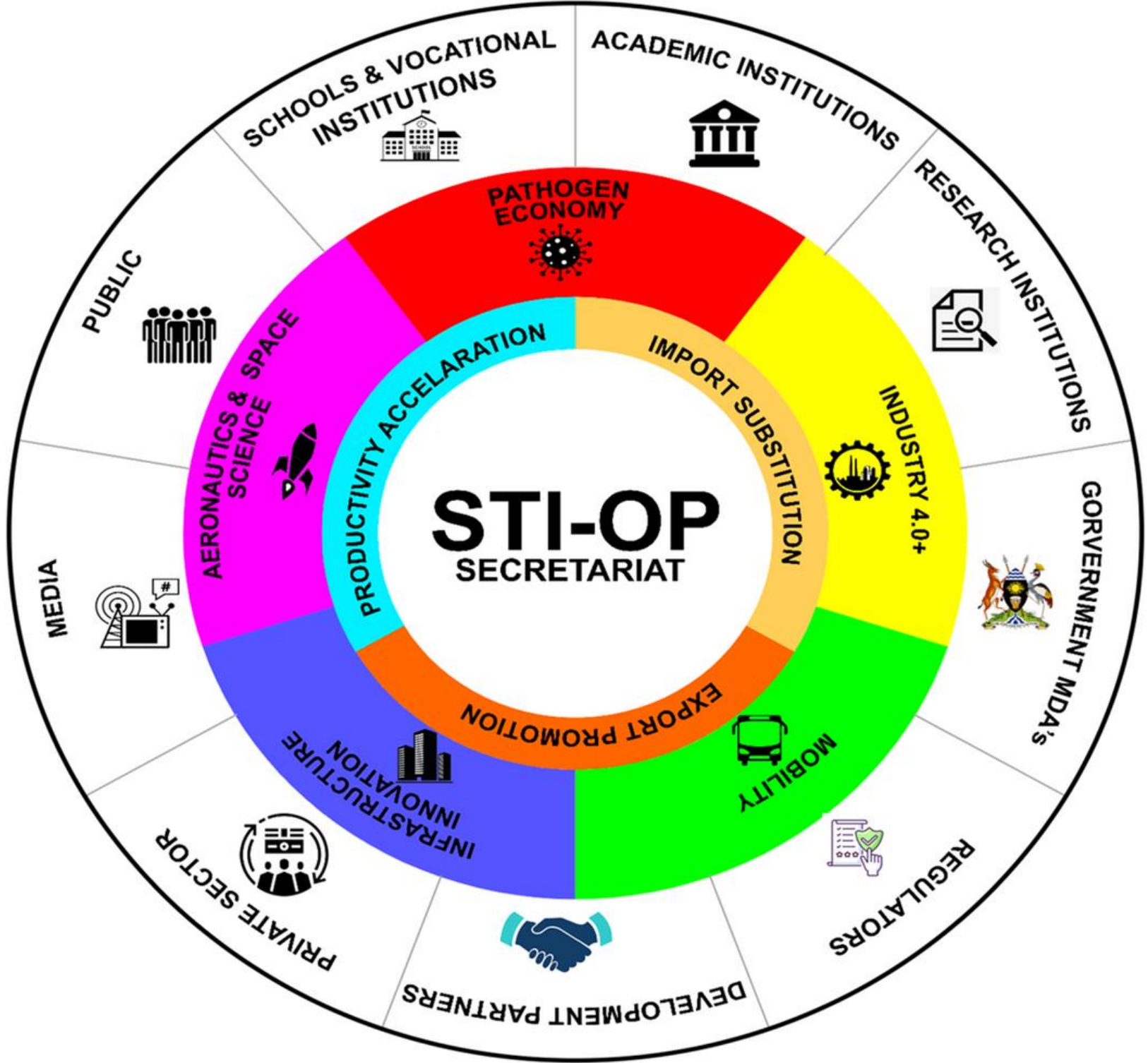


Import
Substitution

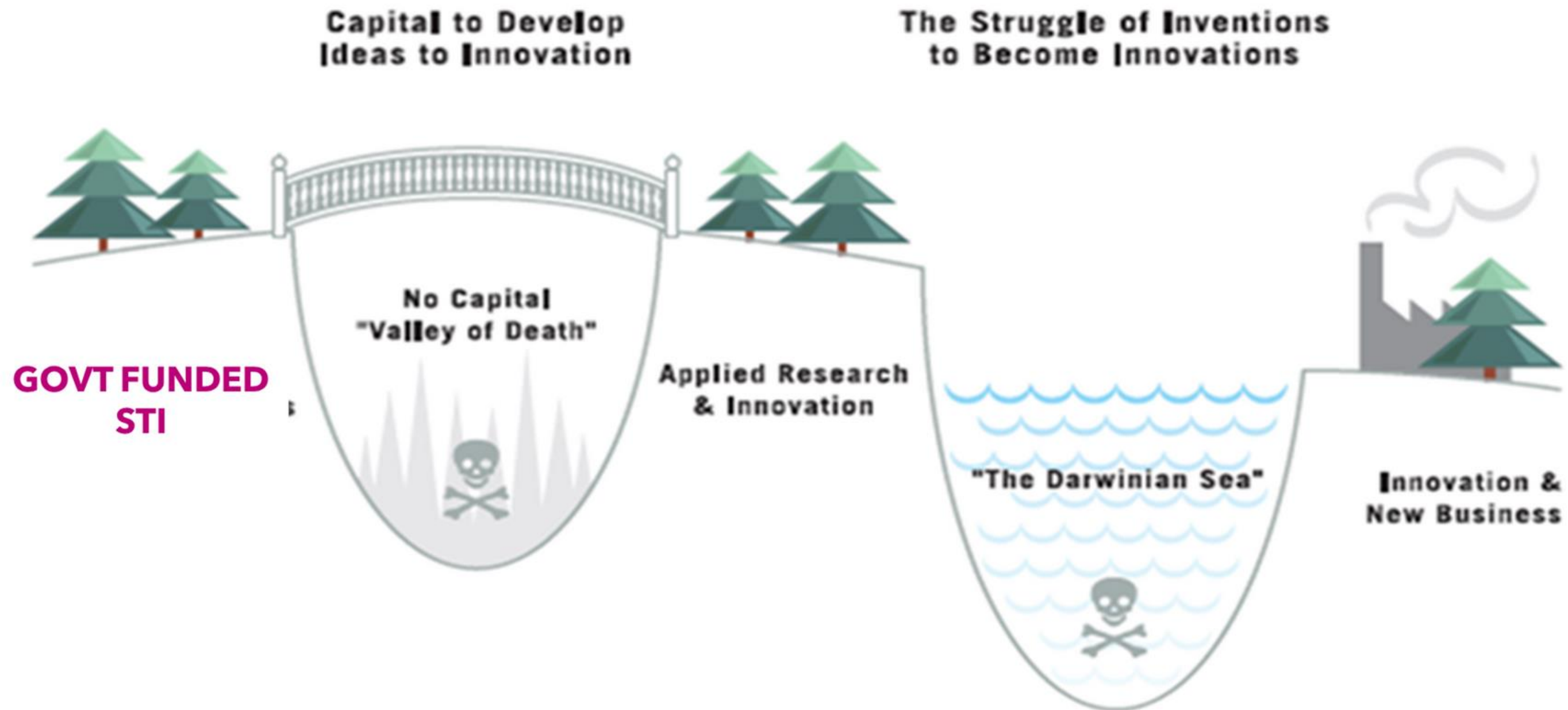


Value Added
Exports

National Science Technology and Innovation System



The End-to-End Pathway



SUMMARY

1

AFRICA ASPIRES TO HAVE SOCIO-ECONOMIC DEVELOPMENT

But continues to lag behind not only the rest of the world but in her own targets and goals

- Proper diagnosis, prescription and administration of interventions is important

2

AFRICA NEEDS TO LEARN PRIORITIZE

We need to provide avenues to re-examine religion to incorporate principles and practices for development

3

WE NEED TO SYSTEMATIZE SKILLING TARGETING IDENTIFIED ROOT CAUSES

Nothing replaces diligence, grit in success

*- We can learn from others but **MUST** have the courage to be original*



LET'S
DO IT !



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