

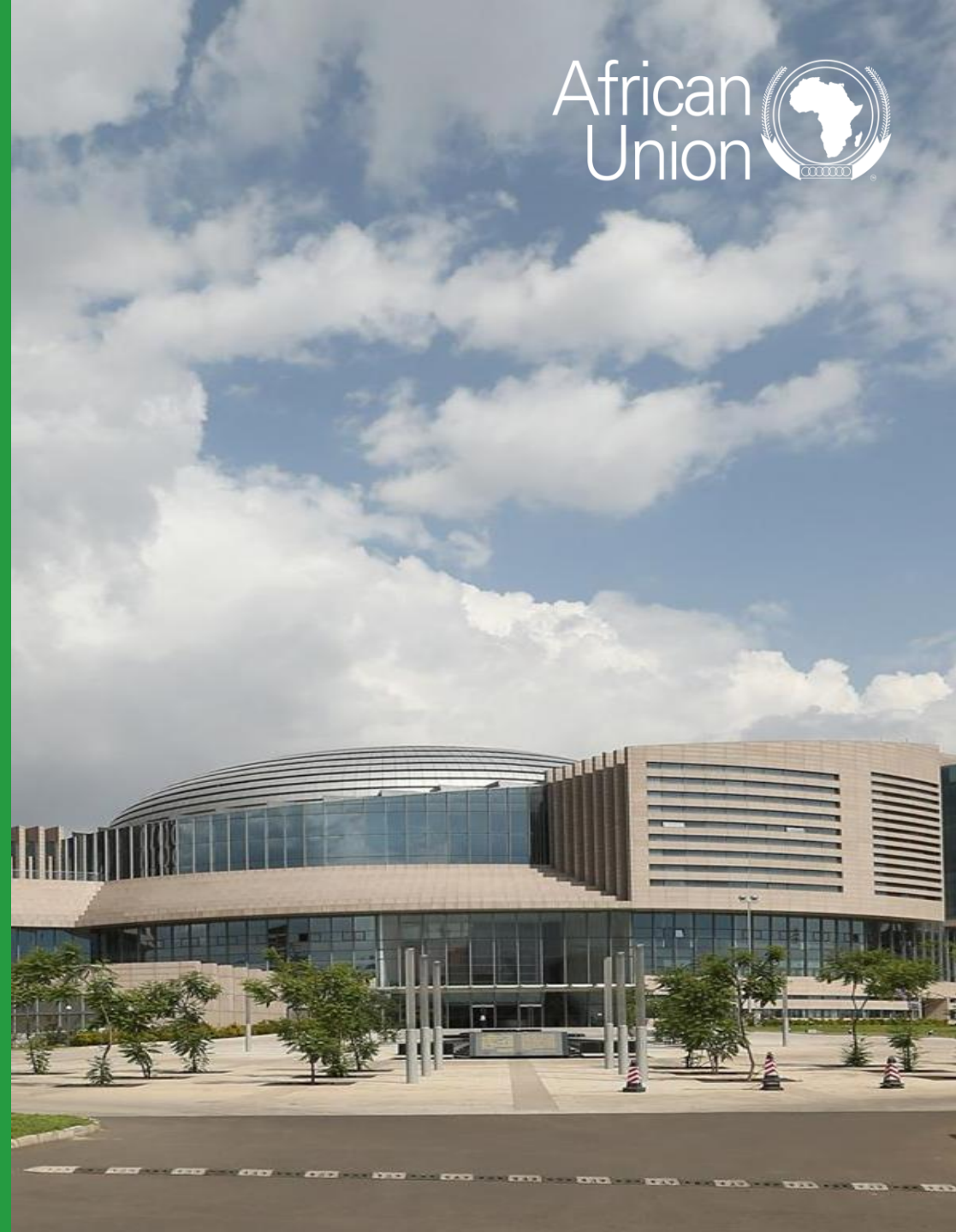
AFRICAN UNION COMMISSION

Department of Education, Science, Technology and Innovation

Geneva, Switzerland
October 23, 2024

Workshop on lessons learned from the
UNCTAD Pilot project on TA in Africa

Mahlet Teshome Kebede



1. Prosperous Africa based on Inclusive Growth and Sustainable development
2. An integrated continent, politically united and based on the ideals of Pan Africanism and the vision of Africa's Renaissance
3. An Africa of good governance, democracy, respect of human rights, justice and the rule of Law
4. A Peaceful and Secure Africa
5. An Africa with strong cultural identity, common heritage and values and ethics
6. An Africa where development is people-driven, unleashing the potential of its women and youth
7. Africa as a strong, united and influential global player and partner

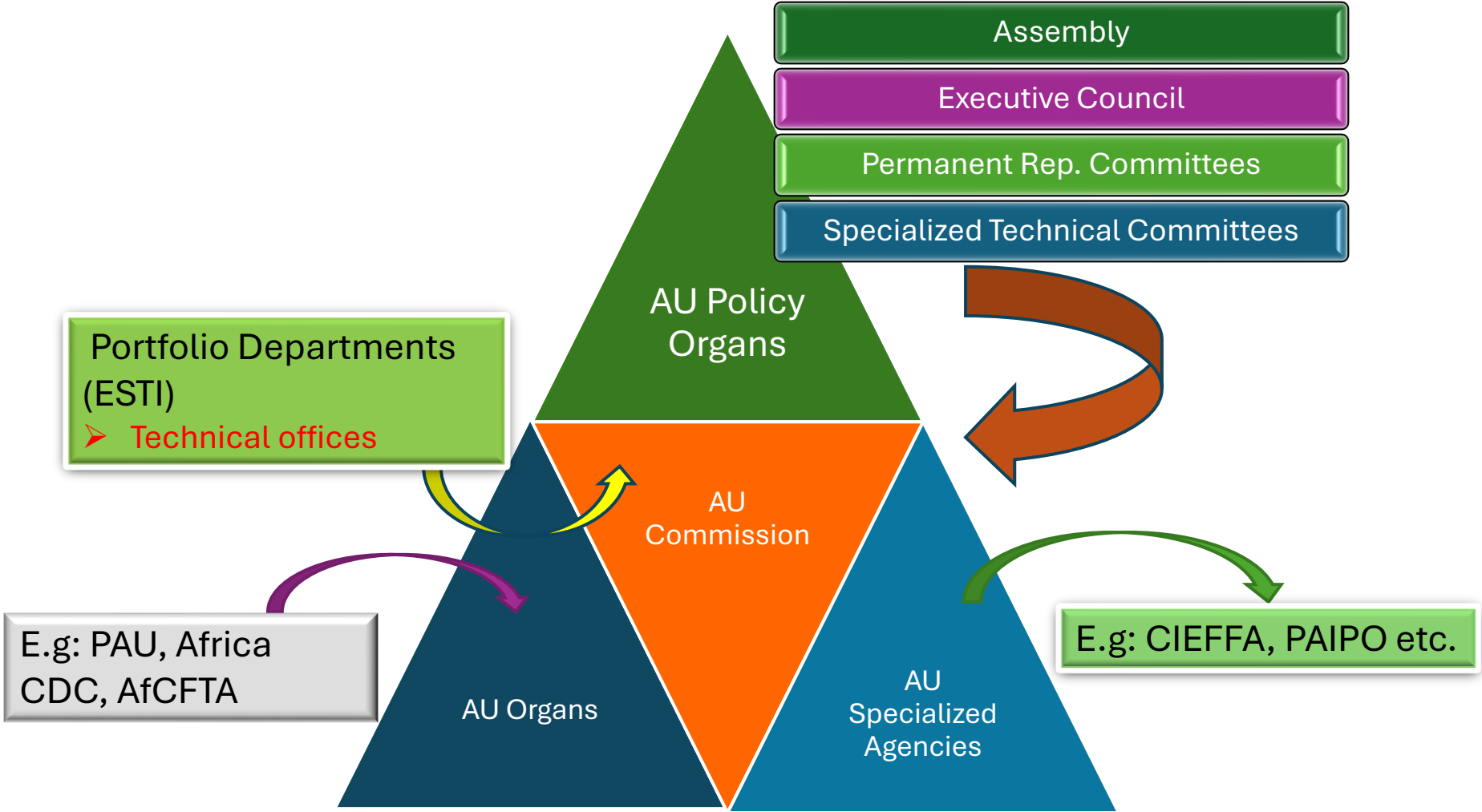
Agenda 2063

The Africa we Want



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

The African Union



Department of ESTI

- **Mandate:** to undertake the development and harmonization of policies and programs in Education, Science, Technology, and Innovation for ***inclusive growth*** and ***sustainable development of Africa*** and contributes towards AU Agenda 2063 and the Global Sustainable Development Agenda.
- The department has the following two Divisions:
 - **Education Division;** and
 - **Science, Technology, and Innovation Division**



Department of ESTI

...cont'd

Strategic direction to achieve its mandate derived from:

1. The Science Technology and Innovation Strategy for Africa (STISA 2024)

➤ *The African Space Policy and Strategy-African Space Agency is Flagship of AU Agenda 2063*

2. The Continental Education Strategy for Africa (CESA 16-25)

➤ *The Pan African University-Pan African Virtual University is a Flagship of the A2063*

3. The Technical Vocational Education and Training (TVET) Strategy

MAIN LINE OF ACTIVITIES ON STI

1. Development and implementation of STISA

2. Promotion of Intra-African cooperation on STI

AU-EU Innovation Agenda

Priorities: Public Health, Green Transition, Innovation and Technology and Capacity for Science

3. Strengthen Science Diplomacy

4. AU Research Grant Program

5. Boosting the African innovation ecosystem

Institutional governance on Intellectual Property

6. African Outer Space Program

GMES and Africa

REVIEW OF THE SCIENCE, TECHNOLOGY & INNOVATION STRATEGY FOR AFRICA (STISA-2024)



FINAL REPORT

DEPARTMENT OF EDUCATION, SCIENCE, TECHNOLOGY AND INNOVATION

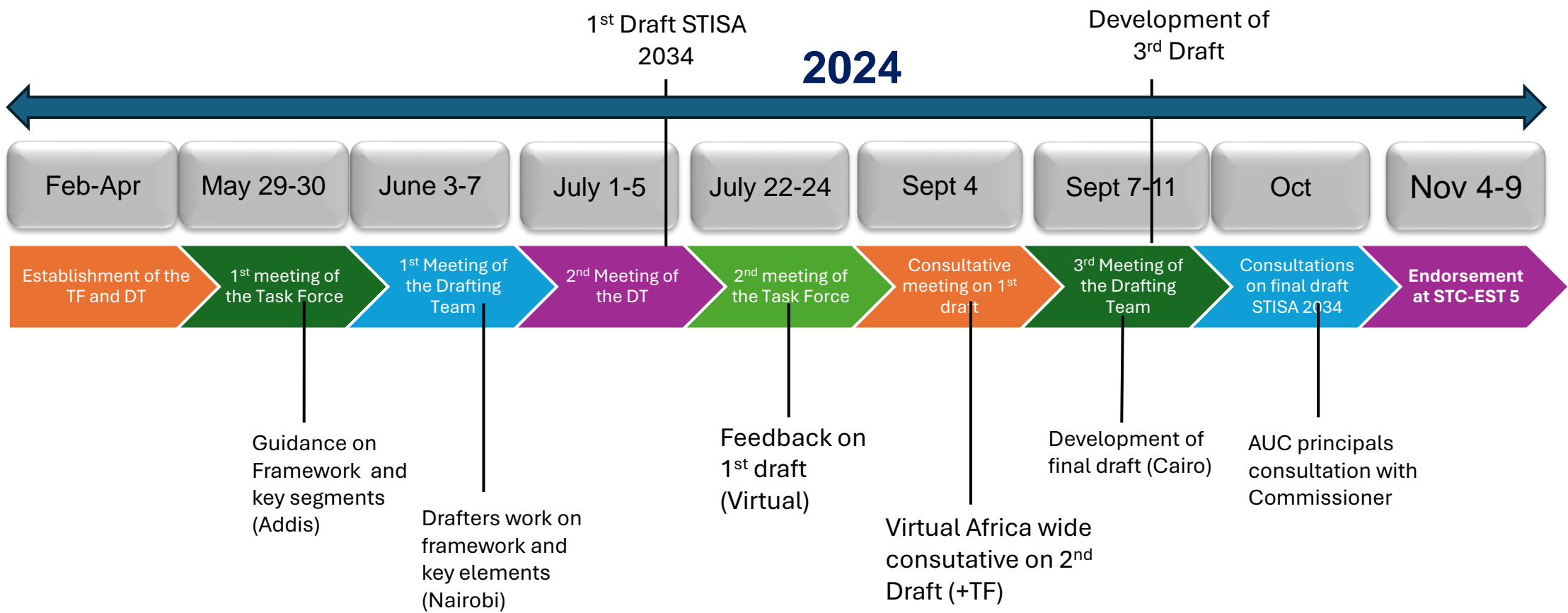
DECEMBER 2023

MAIN LINE OF ACTIVITIES ON STI ...cont'd

- Existing STI instruments-reactive in nature on uptake of technologies and assessments thereof.
- Lack of scientific certainty: **Precautionary Principle** had been the main approach employed in for e.g. positions on application and use of biotechnologies and biosafety measures.
- ***Concept of TA and TF still new in development of STI instruments***
- Development of STISA 2034 has included need for TA and TF in various stages of implementation of the strategic priorities

KEY FOCUS: THE STISA 2034

(the Roadmap, the development process)



The Structure of STISA-2034

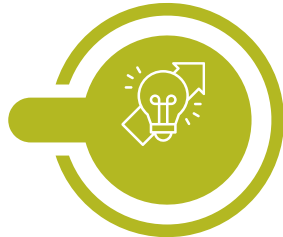
01 Introduction

Includes genesis of STI policy, LPA IN 1980, CPA, STISA 2024, Global trends



02 The Contextual Analysis

Significant changes, New scientific and technological opportunities, Socio economic challenges, continental Initiatives, Africa's comparative advantage in all of these.



03 Vision/Mission

An integrated, prosperous, peaceful Africa where science, technology, and innovation are the drivers of sustainable socio-economic development.



To harness the transformative power of science, technology, and innovation in accelerating Africa's transition into a knowledge-based and innovation-driven continent.



Objective 04

Economic competitiveness, Enabling Environment youth & Women engagement, STI Governance, Public/Private Investment Infrastructures, STEM education and training



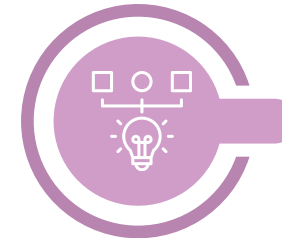
Sectors and Priorities 05

Challenges within the sectors, STI interventions for impact, objectives with proposed actions to achieve the objectives



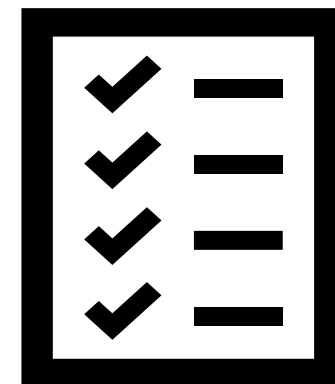
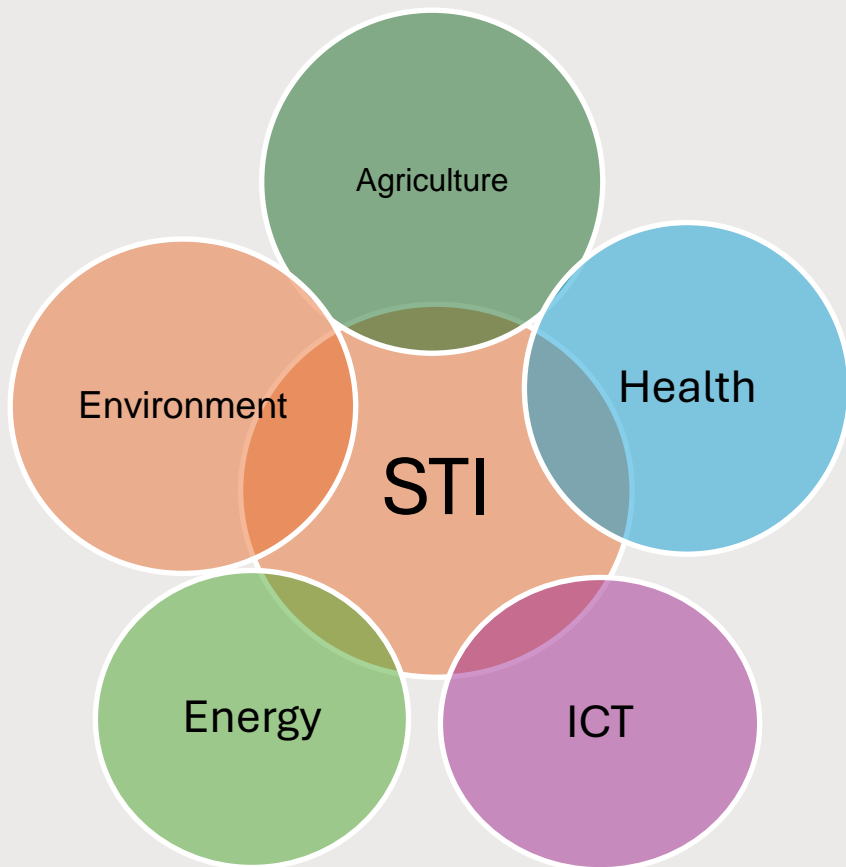
Making it Happen 06

MEL separate Implementation plan including financing and communication,



*Guiding principle on 'relevance' - TA and TF

STISA 2034: STI INTERVENTIONS IN PRIORITY SECTORS

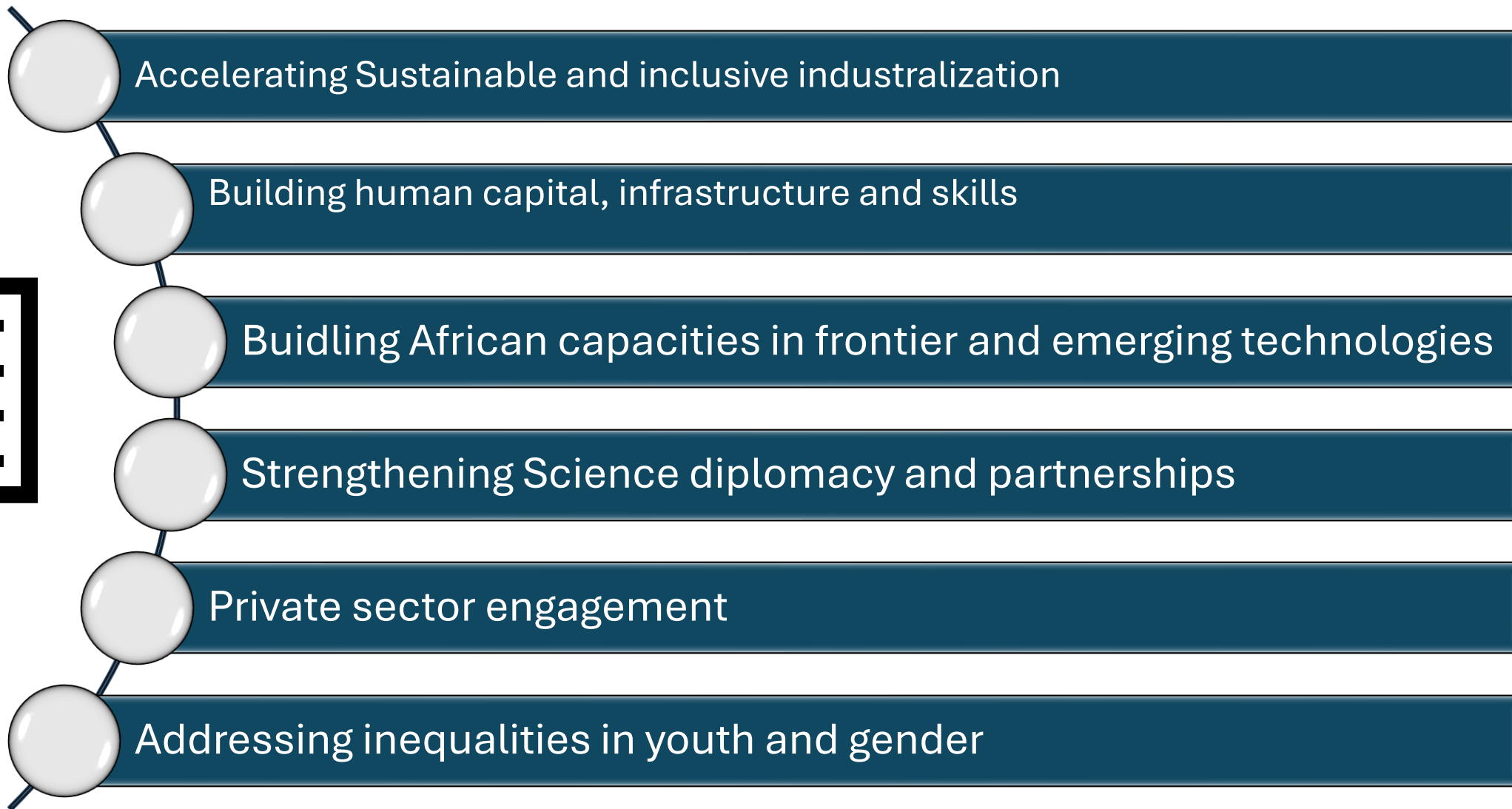
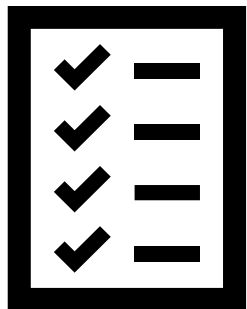


Challenges within the sectors identified,
STI specific interventions for impact
elaborated

✓ TA key feature

STISA 2034: STRATEGIC PRIORITIES

ROLE FOR TA AND TF

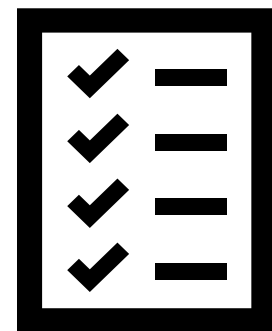


STISA 2034: STRATEGIC PRIORITIES

ROLE FOR TA AND TF

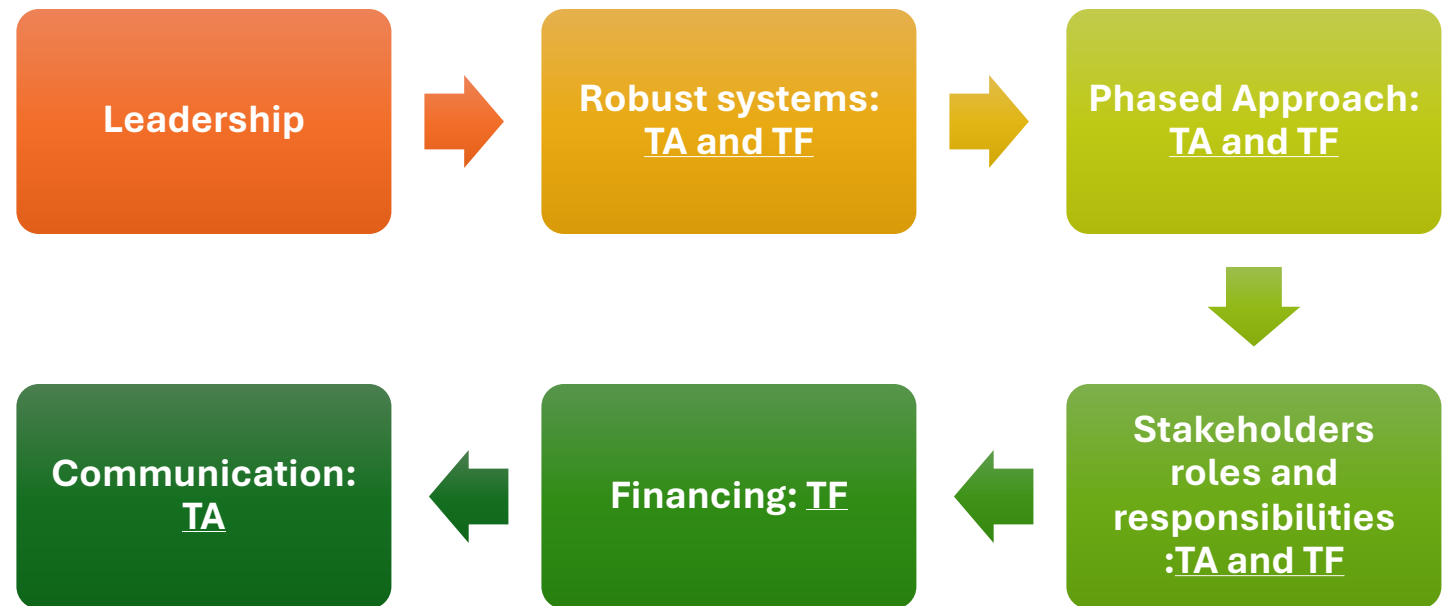
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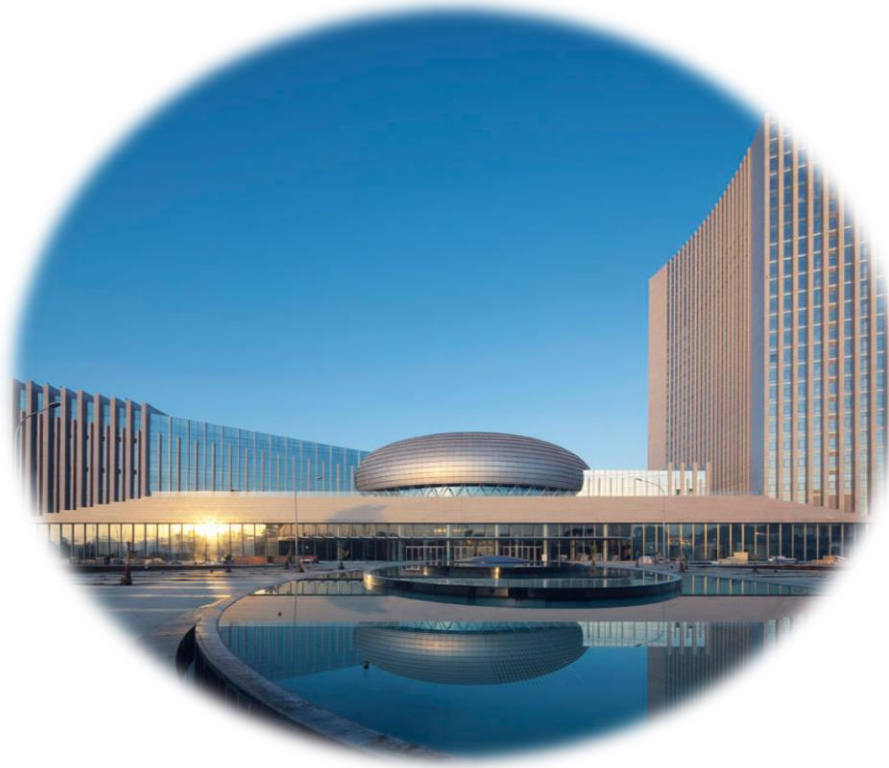
- TA and TF will need to feature in each of the strategic priorities.
 - Objectives- to be implemented by key actions for e.g.;
- 1. On accelerating industrialization: development of tools for TA and TF exercises to assist countries to identify and develop critical technologies to boost efficiency and quality of production
- 2. On capacities in frontier and emerging techs: 1 Objective is 'to build capabilities for data collection and conducting TA and TF to inform decision-making
- **Development of STISA 2034-presented an opportunity to develop capacity in robust strategic planning that requires assessments of alternative futures**





STISA 2034: Implementation Plan





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