

TECHNOLOGY
FACILITATION MECHANISM



**SUSTAINABLE
DEVELOPMENT GOALS**

***Current Approaches to STI
Policy Making in the
Context of SDGs***

1st session

**Country example:
STI Policy
Ethiopia**



UNITED NATIONS
UNCTAD

Clovis Freire

Economic Affairs Officer
Science, Technology and ICT Branch
Division on Technology and Logistics
UNCTAD
freire@un.org

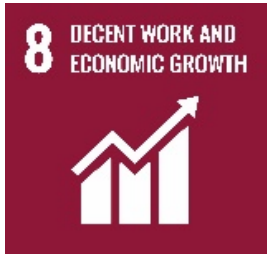
STI Policy Ethiopia Context

- Ethiopia among the fastest-growing economies in Africa and globally since 2003
- But structural transformation has been limited
 - Over 70% of population in agriculture
 - Shift in value-added from agriculture to services and construction



DIRECTIONALITY

Policy objectives:
Alignment between
priority areas and SDGs



STI Policy
objective:
Technology transfer

Priority areas	SDGs
Agricultural sector development	1, 2, 6, 8, 9, 10, 12, 13, 14, 15, 17
Structural transformation through the development of manufacturing	1, 2, 4, 6, 8, 9, 10, 12, 17
Productivity, quality and competitiveness of the productive sectors	1, 2, 4, 7, 8, 9, 12, 15, 17
Rebalance demand and supply by accelerating growth	8, 10, 12, 17
Construction industry policy and strategy framework	8, 9, 11, 12, 17
Accelerate urbanization and structural change	6, 9, 11, 13, 15, 17
Transformation of domestic investors	8, 9, 12, 17
Development of human resources supported with technological capacity-building	3, 4, 5, 6, 8, 10, 12, 17
Build climate-resilient green economy	2, 6, 7, 9, 11, 13, 14, 15, 17
Eliminate rent-seeking and ensure the predominance of a developmental frame of mind	1, 5, 10, 16, 17

Example: Industrial parks

- SDG 8: 45,000 jobs in five industrial parks
- SDG 9: Technology transfer and GVCs
- SDG 12: Zero liquid discharge (ZLD) plant



MULTISTAKEHOLDER

Diagnostics (STIP Review)

- High-level growth but low-level of technological learning and innovation
- Low-level of interaction between firms and other actors of NIS
- A mismatch between 'policy formulation' and 'policy implementation'



Preparation of the new STI Policy

- Shift focus from technology transfer to innovation
- Directed towards policy objectives and SDGs
- Engage all actors of the innovation ecosystem



***Current Approaches to STI
Policy Making in the
Context of SDGs***

Clovis Freire

Economic Affairs Officer
Science, Technology and ICT Branch
Division on Technology and Logistics
UNCTAD

freire@un.org