



**Perfil de Inovação Digital (DIP) em Moçambique
Encontro Virtual entre as Partes Interessadas
18 de fevereiro de 2025, 11:00h-12:30h (Hora de Maputo)**

CONCLUSÕES

1. Introdução

Ao abrigo do Desenvolvimento do Perfil Nacional de Inovação Digital (DIP) inserido no Projeto “Estabelecendo as bases para VaMoz Digital!”, foi organizado um encontro virtual entre as partes interessadas, onde foram debatidas as temáticas da Inovação Digital no contexto moçambicano e aspirações futuras. Mais de 40 partes interessadas estiveram presentes no encontro virtual, nomeadamente: 32%, Governo; 22%, Banca; 17%, Empreendedores; 17%, Universidades; 12% União Internacional das Telecomunicações (UIT). Dos quais 29%, feminino e 71% masculino.

2. Temas abordados

- Notas introdutórias apresentadas pelo representante do Governo de Moçambique sobre o Projeto “Estabelecendo as bases para VaMoz Digital!”.
- Apresentação do Projeto e da União Internacional das Telecomunicações (UIT).
- Apresentação da importância de apoiar o ecossistema de inovação e Apresentação do Perfil de Inovação Digital em Moçambique, pelas consultoras especialistas em Inovação

3. Questões levantadas pelos participantes:

- Um dos participantes pretendeu saber se o projeto apoia iniciativas no âmbito da transformação digital desenvolvidas pelas universidades.
- Outro alertou para o facto de ao nível das políticas de regulação haver algumas que são contraditórias.

Outro pedido foi o de saber se haveria alguns mecanismos de apoio/política que através da inteligência artificial pudesse prevenir ataques cibernéticos.

4. Principais Conclusões

- As partes interessadas expressaram forte engajamento e apetite pela iniciativa e disposição para participar ativamente nas diferentes fases do projeto.
- O projeto formará uma base para recomendações para o desenvolvimento da capacidade digital e empreendedora no país, que será ainda mais aprimorada por outros resultados no projeto Estabelecendo as bases do VaMoz Digital!.
- A fase de entrevista aprofundadas do projeto DIP está em andamento, estas são conduzidas para avaliar as perspetivas diferentes interlocutores com diferentes perfis.
- Tanto a metodologia de avaliação da capacidade de inovação no país, quanto os principais ingredientes que contribuem para um ecossistema pronto para a inovação, foram apresentados.

5. Próximas etapas

Workshop de Cocriação sobre Perfil de Inovação Digital, será realizado em Maputo, nos dias 31 de março e 01 de abril. Convites serão enviados oportunamente.

Anexo 1: Agenda

DATA: 18 de fevereiro de 2025, 11:00-12:30 (Hora de Maputo)		
HORA	ACTIVIDADE	ORADOR
10:45 - 11:00	Registo de Participação e Teste de Som	Todos
Abertura da Sessão		
11:00 – 11:05	Notas introdutórias apresentadas pelo representante do Governo de Moçambique sobre o Projeto “Estabelecendo as bases para VaMoz Digital!” ,	Dr. Horácio Parquinio Diretor no Ministério das Comunicações e Transformação Digital, Governo de Moçambique
11:05 – 11:10	Apresentação do Projeto “Estabelecendo as bases para VaMoz Digital!” , e da União Internacional das Telecomunicações (UIT)	Dr. Christine Sund, UIT, Escritório Regional África
11:10 – 11:20	Apresentação da importância de apoiar o ecossistema de inovação	Ms. Uditia Chaturvedi UIT, Consultora Especialista em Inovação
11:20 – 12:00	Apresentação do Perfil de Inovação Digital em Moçambique Discussão aberta	Ms. Lucy Antrobus UIT, Consultora Especialista em Inovação
12:00 – 12:30	Próximas Etapas: Entrevistas com especialistas e sessões de trabalho conjuntas (<i>co-creation workshops</i>) em março de 2025 Discussão aberta	Ms. Lucy Antrobus UIT, Consultora Especialista em Inovação

Anexo 2: Documento Partilhado no Evento

Harnessing human centric digital transformation for sustainable development and inclusive growth in Mozambique

‘Estabelecendo as Bases para o VaMoz Digital!’

‘Laying the foundation for VaMoz Digital!’

Mozambique’s Digital Innovation Profile:
Virtual meeting with stakeholders

18 February 2025



Agenda



Time	Topic	Presenter
11:00 – 11:05	Opening remarks by the representative of the Government of Mozambique on the “Laying the foundations for VaMoz Digital!” project.	Dr. Horácio Parquinio Director of the Ministry of Communications and Digital Transformation, Mozambique
11:05 – 11:10	Presentation of the “Laying the foundations for VaMoz Digital!” project and the International Telecommunication Union (ITU)	Dr. Christine Sund, ITU, Africa Regional Office
11:10 – 11:20	Presentation of the importance of supporting the innovation ecosystem	Ms. Uditā Chaturvedi ITU, Innovation Expert (Consultant)
11:20 – 12:00	Presentation of the Digital Innovation Profile in Mozambique Open discussion	Ms. Lucy Antrobus ITU, Innovation Expert (Consultant)
12:00 – 12:30	Next steps: Interviews with experts and co-creation workshops in March 2025 Open discussion	Ms. Lucy Antrobus ITU, Innovation Expert (Consultant)

Dr. Horácio Parquinio

**Diretor, Ministério das Comunicações e Transformação Digital,
Governo de Moçambique**

Dr. Christine Sund

Project Manager

ITU, Africa Regional Office



ITU Radiocommunication

Coordinating radio-frequency spectrum and assigning orbital slots for satellites

03

Sectors



ITU Standardization

Establishing global standards



ITU Development

Bridging the digital divide

Membership

194

Member States

+1000

Companies, Universities,
Research Institutes,
International and
Regional Organizations

+160

Academia
Members

ITU Regional Initiatives 2023-2025

Africa

Learn more at
www.itu.int/africa

AFR1

Supporting digital transformation to usher a rapid transition to digital economy while accelerating innovation in Africa

AFR2

Implementation and expansion of broadband infrastructures, connectivity and emerging technologies

AFR3

Building trust, safety and security in the use of telecommunications/information and communication technologies and protection of personal data

AFR4

Fostering Emerging Technologies and Innovation Ecosystems

‘Laying the foundation for VaMoz Digital!’ project

*The project aims to contribute to the implementation of **specific actions to harness human centric digital transformation for sustainable development and inclusive growth** in Mozambique through **policy and regulatory support, institutional and human capacity development** and targeted actions to foster a vibrant **digital innovation ecosystem** in the country.*

ITU's work is related to **Objective 1: An enabling environment for inclusive digital transformation** and delivered under each of the following Outputs:

Output 1.1: Improved policy making and regulatory capacity of stakeholders

Output 1.2: Strengthened institutional capacity of the government bodies responsible for digital transformation

Output 1.3: Enhanced capacity of training institutions and employment-support services and increased awareness of policy makers on the importance of mainstreaming ICT accessibility

Output 1.4: Strengthened and inclusive digital and innovation ecosystems



DIP contributes to this output



We would love to hear from you as well.

How about we take 30 seconds each to introduce ourselves?

Tell us your name, your company/organisation/institution.

The big picture: Supporting the digital innovation ecosystem

Ms. Uditā Chaturvedi

ITU, Innovation Expert (Consultant)



*Everyone has the potential to
unlock socio-economic
opportunities in their respective
communities.*



VAMoz
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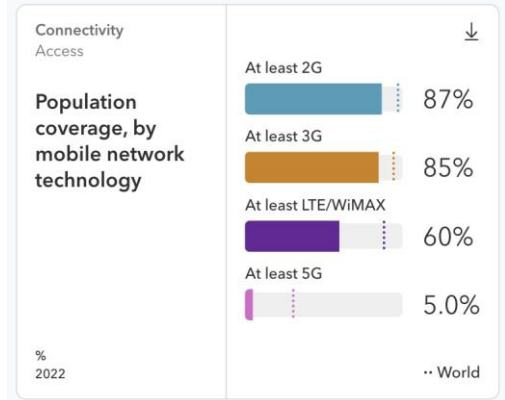
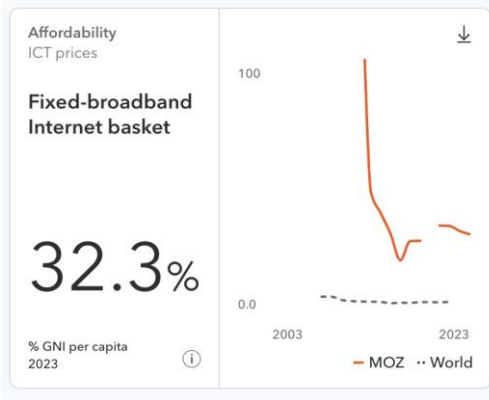
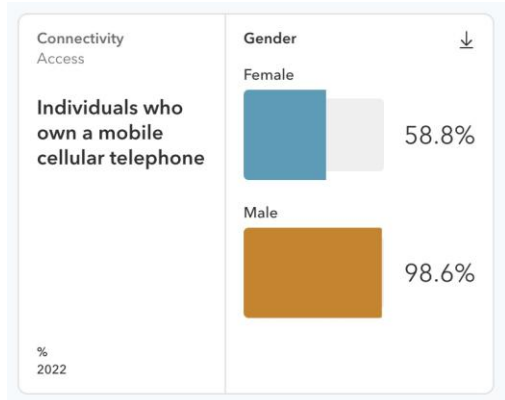
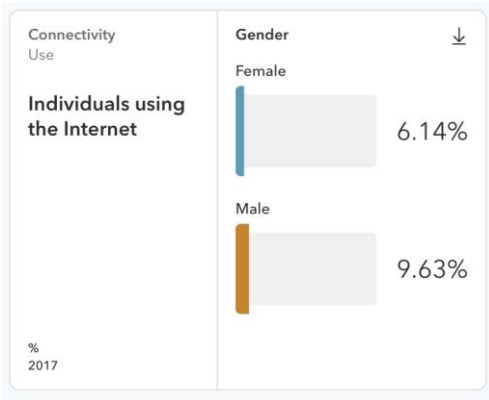


Innovation capacity of Mozambique



ITU Development Index [2024]	Score: 32/100
Global Innovation Index [2024]	Rank: 126/133
Human Development Index [2022]	Rank: 183/193
Global Gender Index [2024]	Rank: 27/146

Individuals using the Internet	21.2↑
Households with Internet access at home	15.6%
Mobile broadband subscriptions per 100 inhabitants	23.2



Mozambique moving towards an innovation-driven economy?



Factor-Driven
Economy



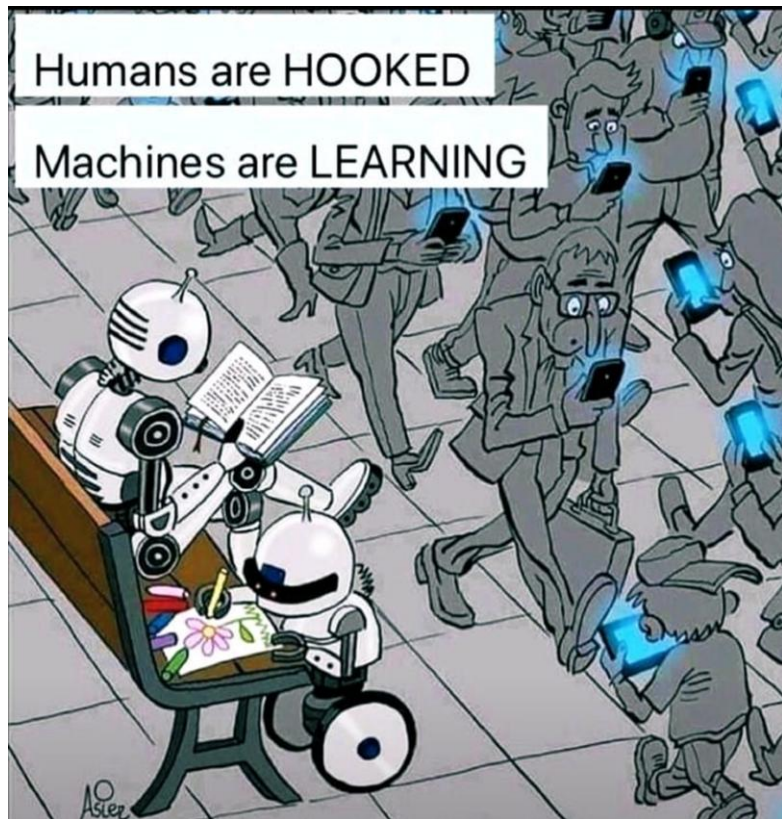
Efficiency-Driven
Economy



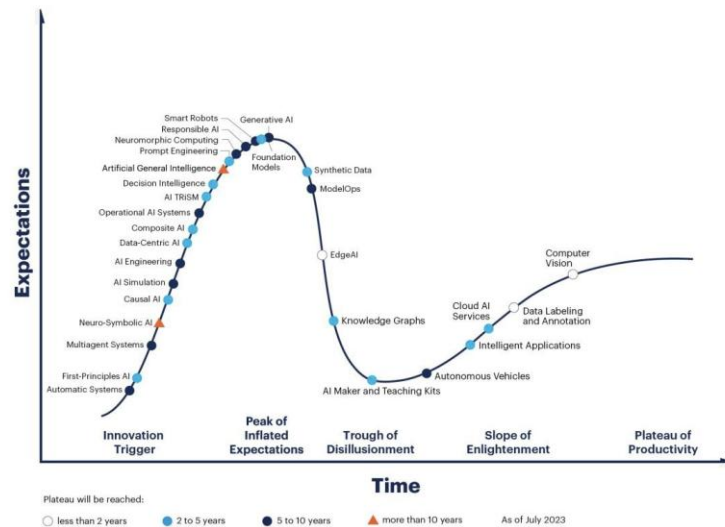
Innovation-Driven
Economy



A key challenge is the inability to absorb tech

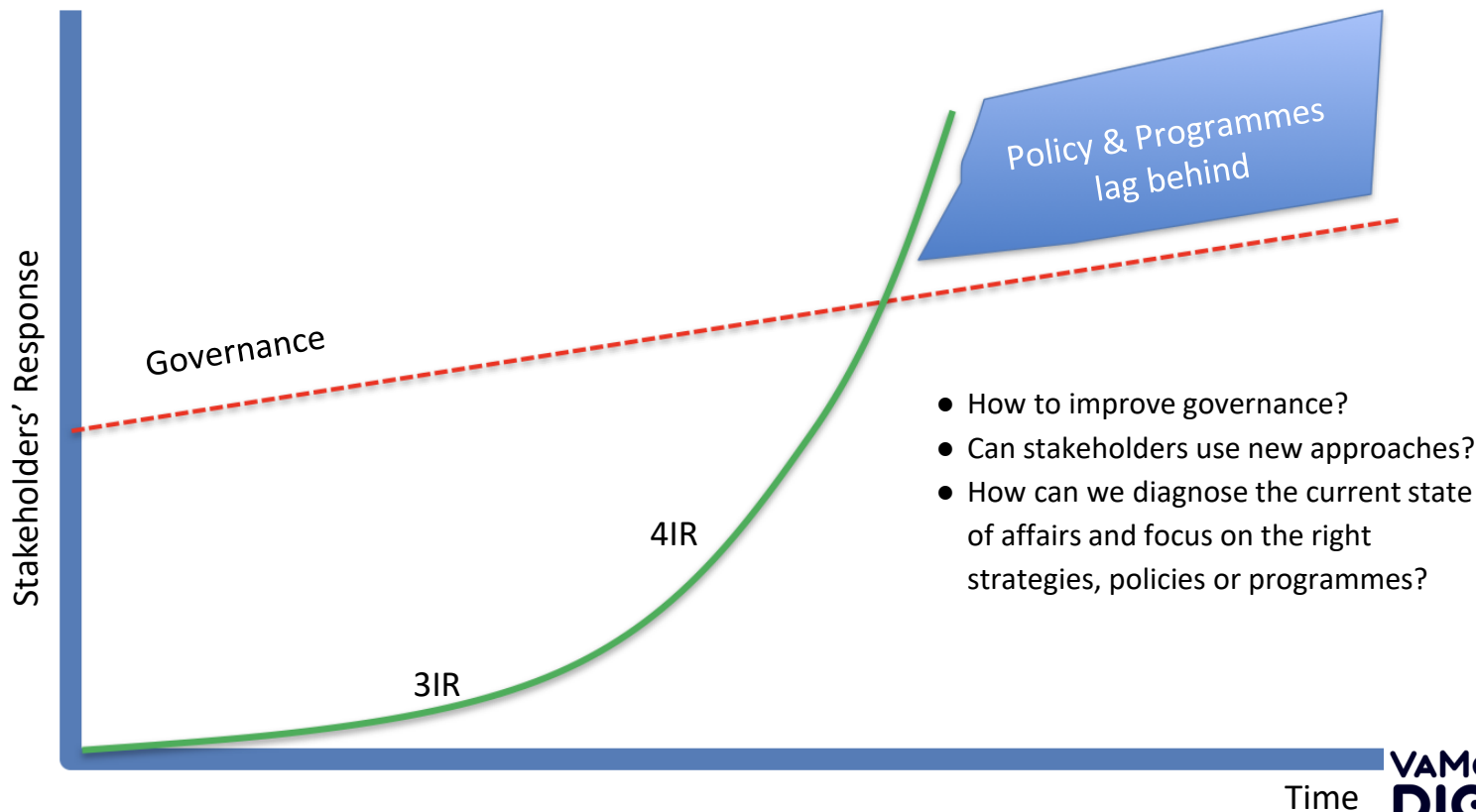


Hype Cycle for Artificial Intelligence, 2023



Source: Gartner
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Policies and programmes often lag behind



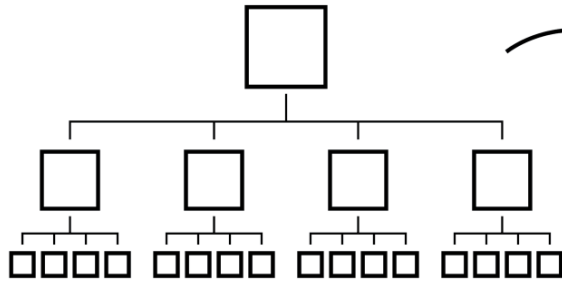
IR = Industrial Revolution

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Institutions need to adapt and evolve

20th Century Organisation

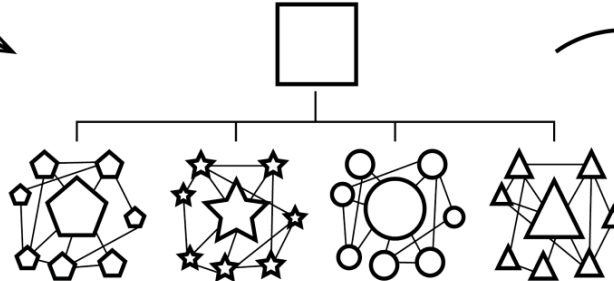


COMMAND

Organizational relationship that is highly efficient but is not adaptive enough for the fast-paced ICT environment

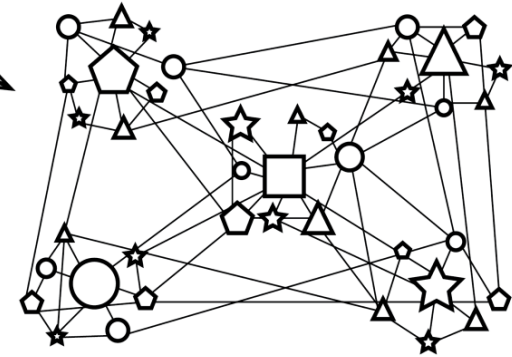
Status Quo

21st Century Organisation



COMMAND OF TEAMS

Organizational relationship that is more adaptive but may not be efficient enough in responding to the fast-paced ICT environment

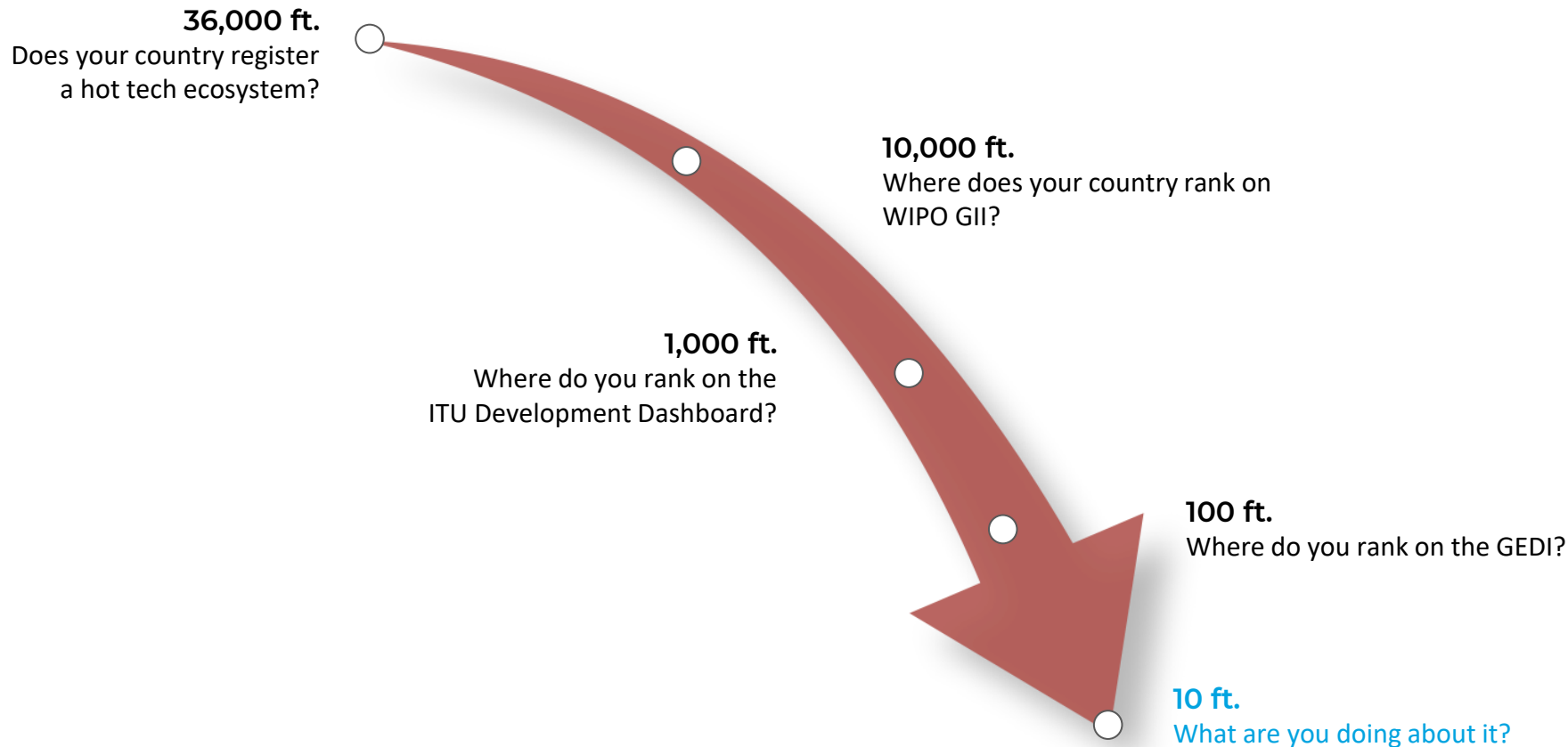


TEAM OF TEAMS

Organizational relationship that is both highly efficient and adaptive to the fast-paced ICT environment

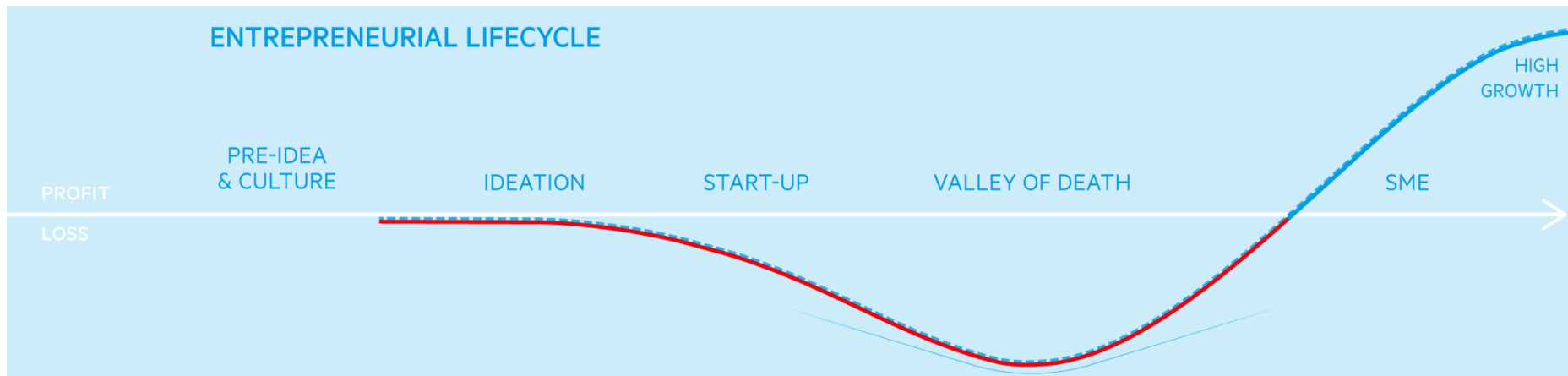
Right governance, structure & processes, and service delivery

What are stakeholders doing at 10 feet?

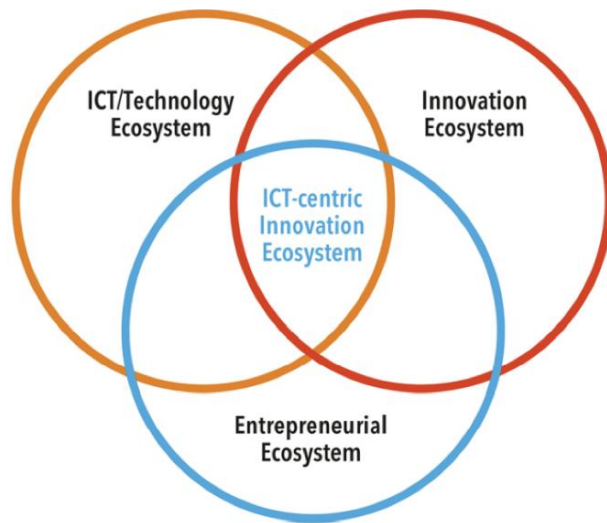


An innovation-driven journey

Digital entrepreneurship and innovation ecosystems are key to achieving the national ambitions. Our biggest failure in digital transformation is the failure of our innovation ecosystems in creating social and economic impact.



Three engines of growth do not work together



Stakeholders



Public Sector



Private Sector



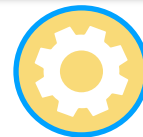
Finance



Academia



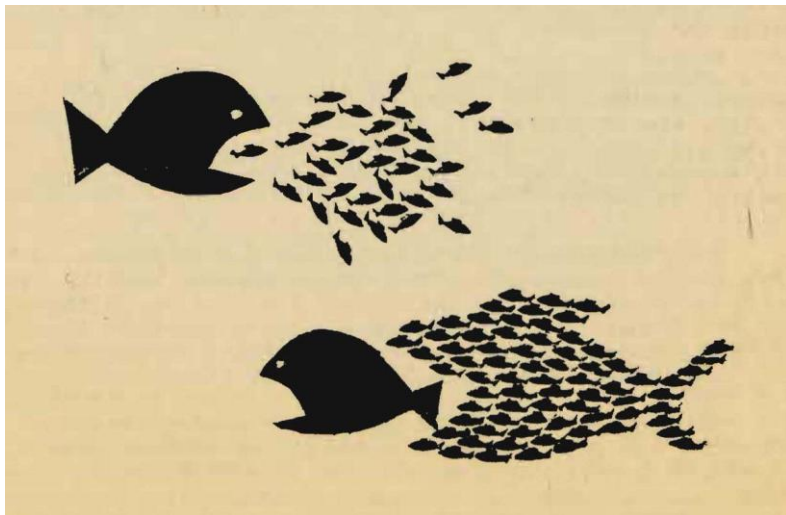
Entrepreneurs



Entrepreneurial
Support Networks

Problem is amplified by global economies

Your ecosystem



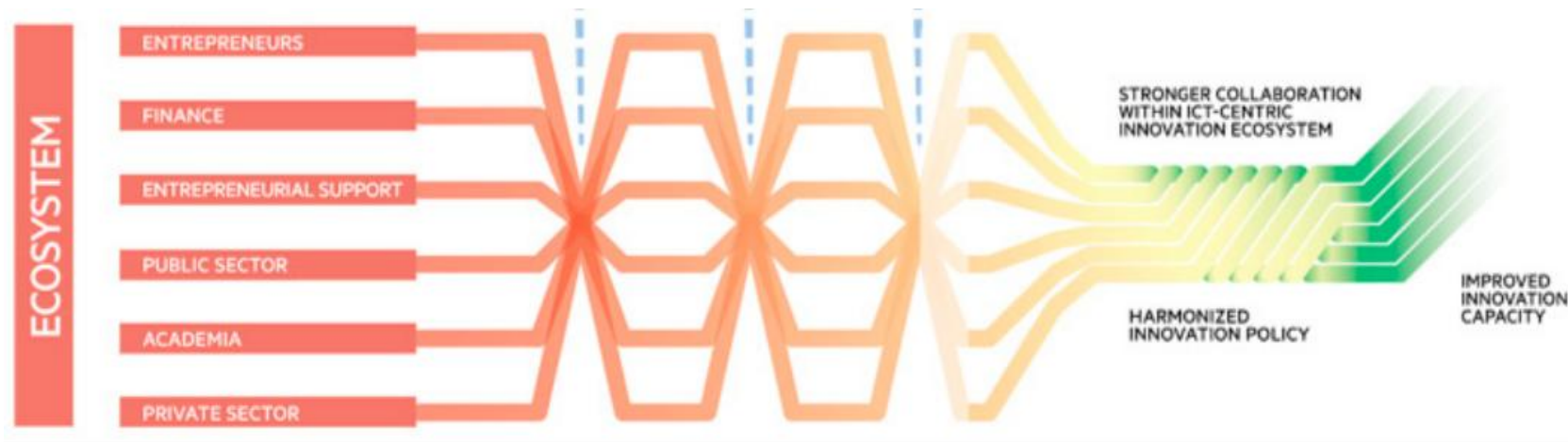
A stronger connected ecosystem



An ecosystem is composed of stakeholders, their environment and their relationships with initiatives, strategies, policies and programmes.

The next frontier is all about nurturing ecosystems

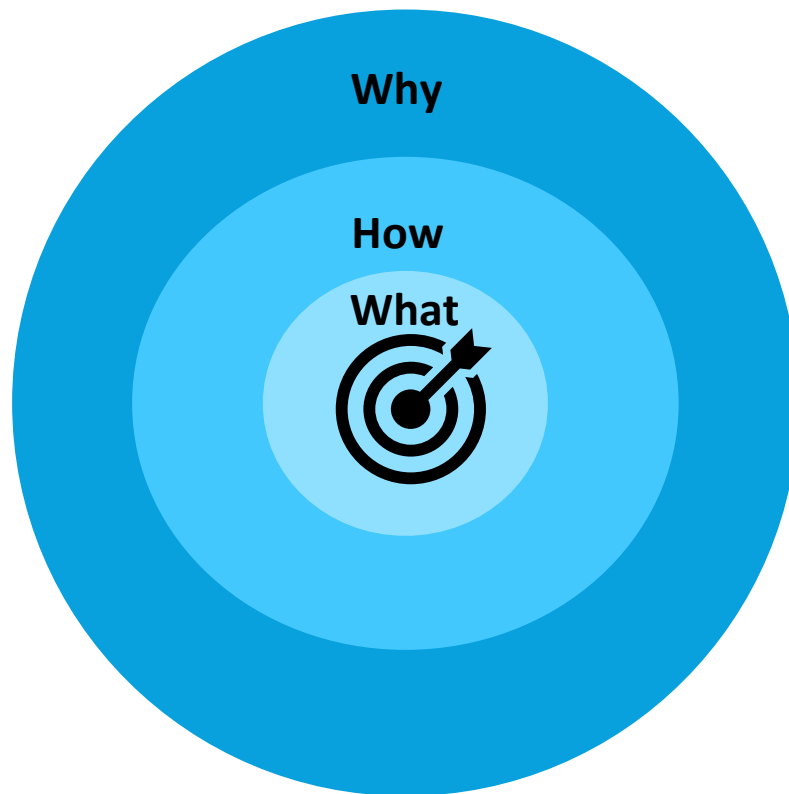
All Stakeholders need to understand their roles and their real capabilities



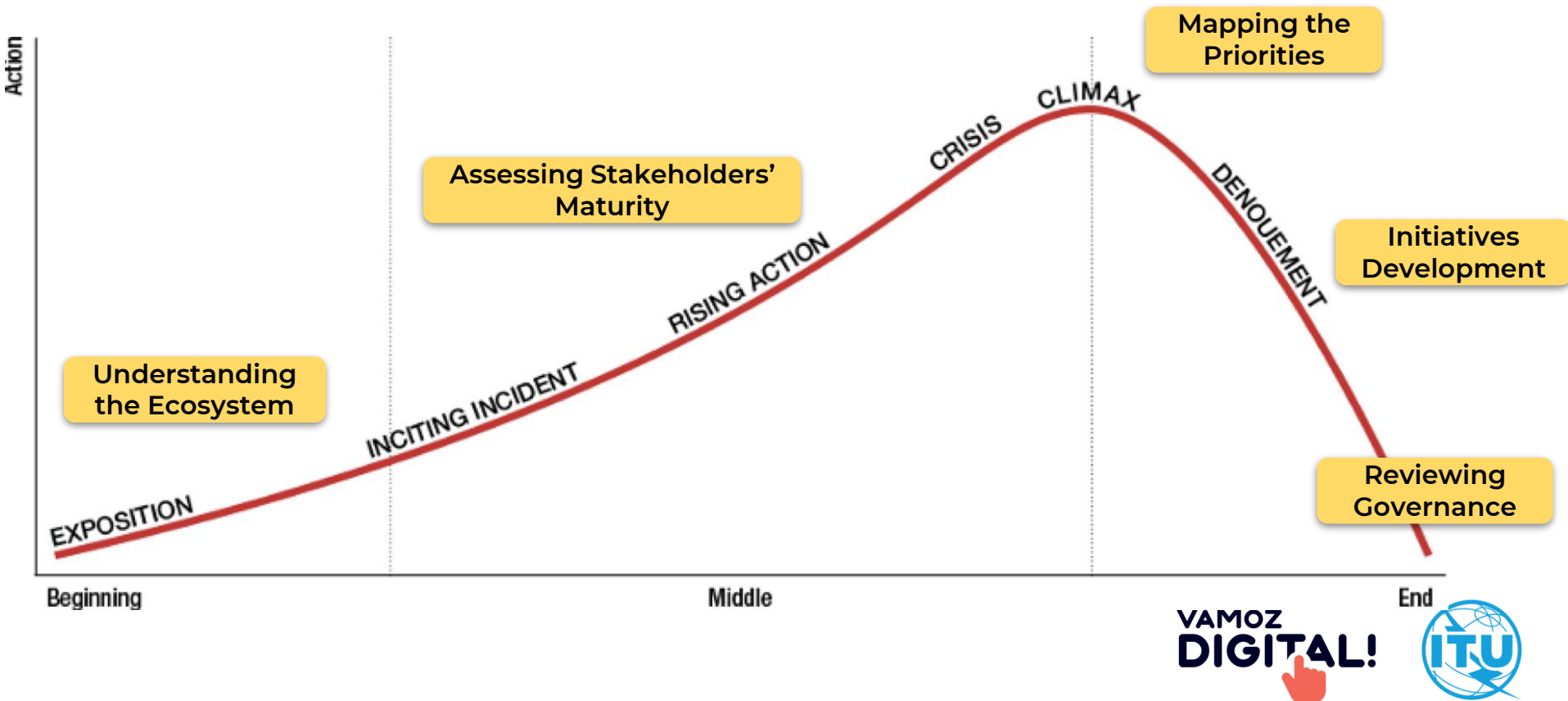
Ms. Lucy Antrobus

ITU, Innovation Expert (Consultant)

The Innovation Journey: Bringing it all together



Our journey: To diagnose and build capabilities



Our approach to the analysis



The objective

Digital Innovation Profile (DIP)
is an accurate diagnosis of digital innovation ecosystems' health to develop strategies and inform national policies for accelerating digital transformation.

A DIP provides an accurate assessment of an ecosystem's capacity and maturity for innovation and entrepreneurship: strengths, areas of development, gaps, detailed recommendations, and projects for transformation. This analysis helps strengthen the ICT industry competitiveness and support the digital economy through leveraging ICT-centric Innovation ecosystem.

The [DIP for Mozambique](#) will be prepared in collaboration with their [Ministry of Communications and Digital Transformation](#), stakeholders from the country and experts from Telecommunication Development Bureau of ITU.



Examples of ongoing and completed DIPs



Albania



Bahrain



Benin



Bosnia & Herzegovina



Brunei Darussalam



Georgia



Kenya



Mali



Moldova



Montenegro



Niger



North Macedonia



Oman



Rwanda



Serbia



South Africa



The Philippines



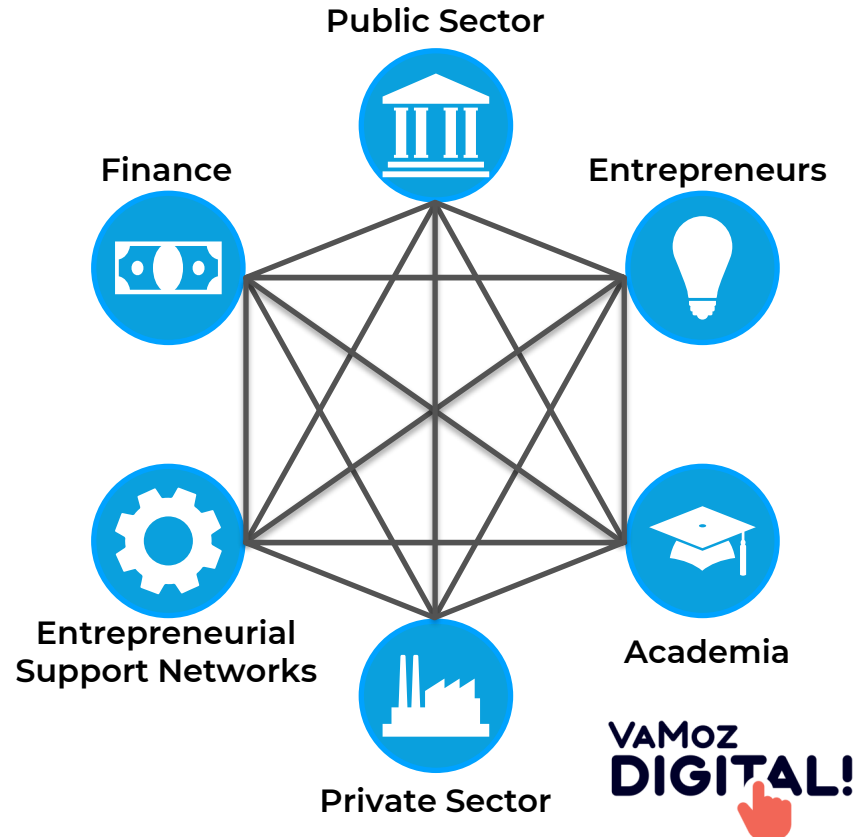
Trinidad & Tobago



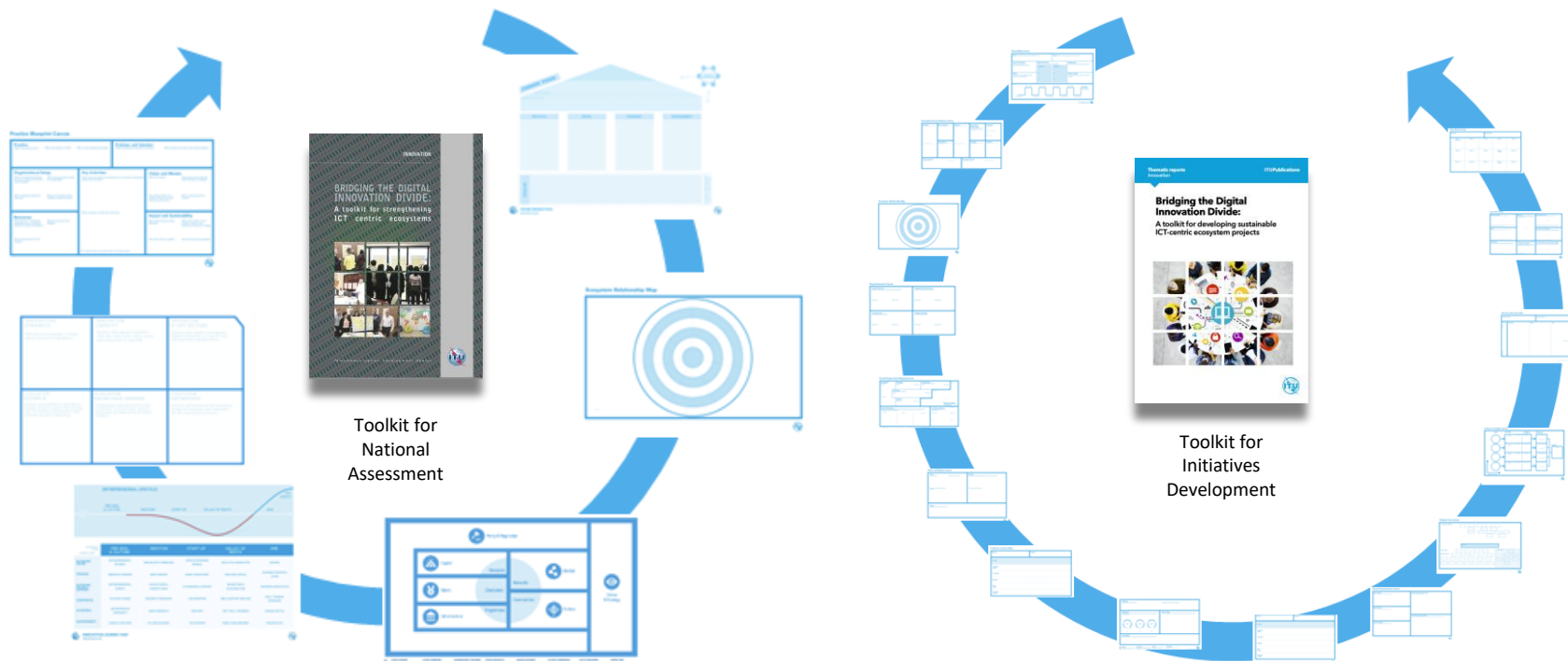
Zimbabwe

Six stakeholder groups

An ecosystem is composed of stakeholders, their environment and their relationships with initiatives, strategies, policies and programmes.



A methodology based on knowledge sharing



Regional good practices

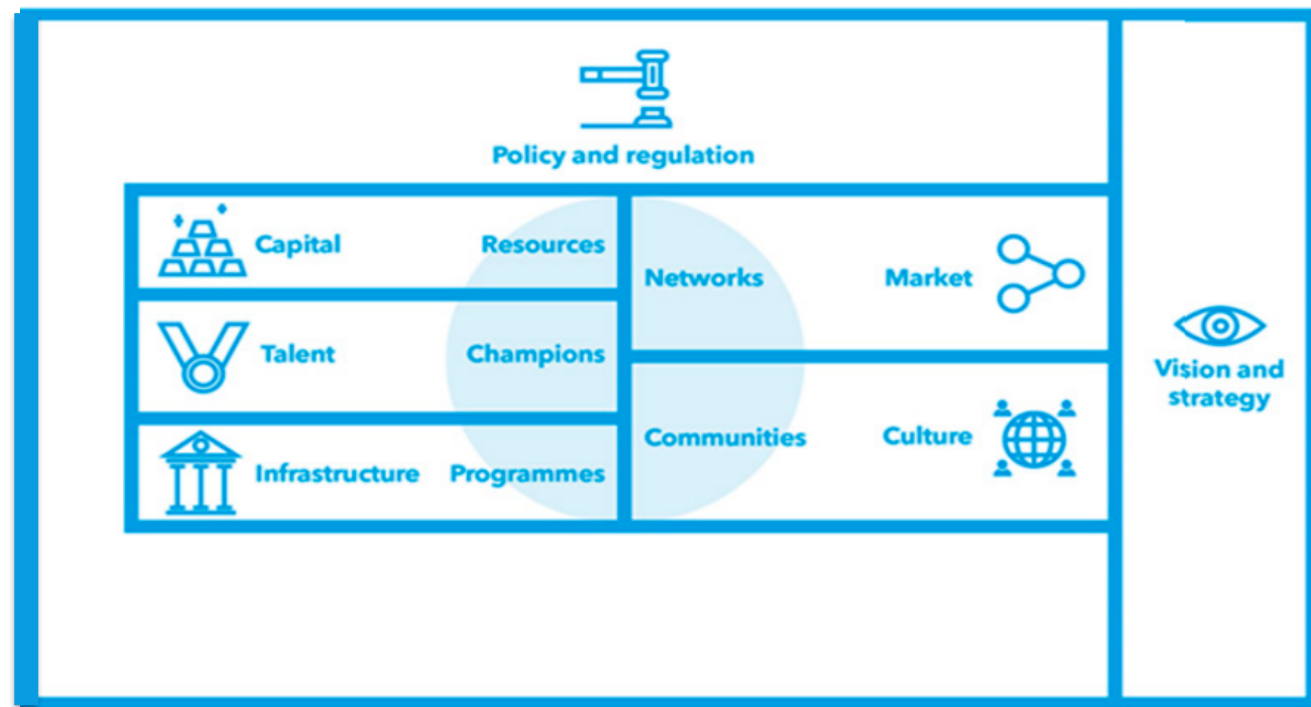
Accelerating innovation, entrepreneurship and digital transformation in the Africa region

Ecosystem learning curriculum

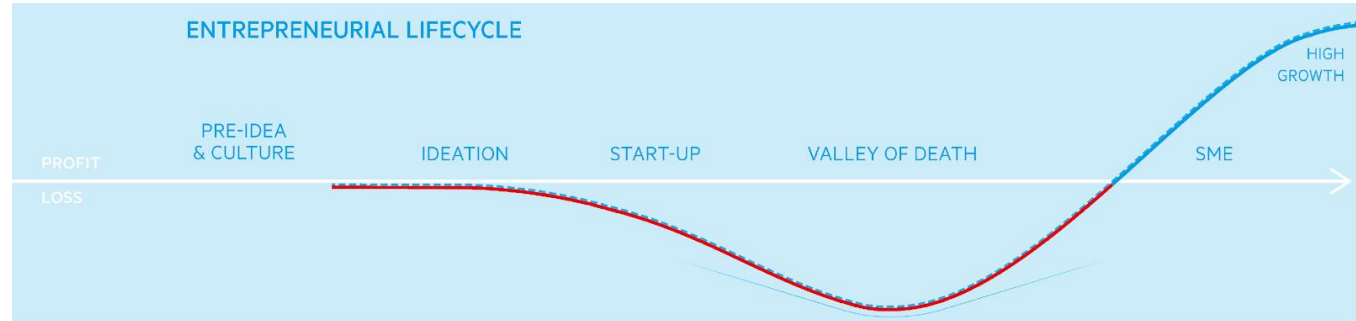
Innovation Forums

Co-Creation #1: Ecosystem Assessment Canvas

This tool helps identify and analyse the enablers (7 key pillars) in the ecosystem that unlock the critical resources to allow digital transformation.



Co-Creation #2: Ecosystem Maturity Map



This tool helps to map out the roles and actions of stakeholders at each stage of the start-up lifecycle.

ENTREPREN. PHASE STAKEHOLDERS	PRE-IDEA & CULTURE	IDEATION	START-UP	VALLEY OF DEATH	SME
ENTREPRE-NEURS	ENTREPRENEURIAL INTEREST	ENGAGE WITH PROBLEMS	DEVELOP BUSINESS MODELS	BUILD COLLABORATION	EXPAND
FINANCE	RESEARCH FUNDING	SEED FUNDING	ANGEL INVESTMENT	VENTURE CAPITAL	BUSINESS FINANCE & LOANS
ENTREPRE-NEURIAL SUPPORT	ENTREPRENEURIAL EVENTS	HACKATHONS & COMPETITIONS	CO-WORKING & SUPPORT	INCUBATORS & ACCELERATORS	BUSINESS ASSOCIATION
PRIVATE SECTOR	SUCCESS STORIES	RESEARCH PROGRAMS	LAB PROGRAMS	B2B & SUPPORT SERVICES	SKILL TRAINING PROGRAMS
ACADEMIA	ENTREPRENEUR COMMUNITY	BASIC RESEARCH	SPIN OFFS	SOFT SKILL TRAININGS	HUMAN CAPITAL
PUBLIC SECTOR	VISION & STRATEGY	IP & R&D SUPPORT	TAX SUPPORT	PUBLIC PROCUREMENT	TRADE POLICY

Co-Creation #3: Strategic Priority Matrix



This tool helps to identify enablers, key actions, policies, platforms, programmes needed to solve the gaps of the ecosystem, and hence, to accelerate the ecosystem following 6 priority areas for intervention.

INNOVATION DYNAMICS Policies and programmes to help guide innovation dynamics	INNOVATION CAPACITY Actions that equip innovators with the right tools, skills, space and know-how to succeed	INNOVATION OF KEY SECTORS Actions that seek to integrate digital innovation in non-ICT sectors and boost competitiveness
ECOSYSTEM RESEARCH Actions and platforms providing research insight about the ecosystem, including stakeholders and existing resource mapping	ECOSYSTEM KNOWLEDGE SHARING Knowledge sharing actions and platforms to accelerate commitment and collaboration of stakeholders	ECOSYSTEM PARTNERSHIP & GOVERNANCE Actions and platforms for enabling access to resources and networks for the ecosystem projects

Open Discussion

Next steps: Interviews and co-creation workshop in March 2025

Ms. Lucy Antrobus

ITU, Innovation Expert (Consultant)



The process

Desktop Research to Understand the Ecosystem and Identify Stakeholders

Qualitative One-on-One Interviews with 30+ Stakeholders

3-Day Co-Creation Workshops with Ecosystem Stakeholders

Discussion on Findings with all Stakeholders at National Stakeholders' Event

Submission of the Digital Innovation Profile Draft

Publication of the Digital Innovation Profile

06 months

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Stakeholder Interviews

The stakeholders will be asked about 40 questions during a one-hour virtual call to understand the current state and enabling environment of the country's ICT-centric innovation ecosystem.



You can book your interview slot as per your convenience and availability by going to

shorturl.at/fcntQ

Or scan this QR code to book:



Summary

- A [Digital Innovation Profile](#) (or a Country Review) is an accurate diagnosis of digital innovation ecosystems' health and develop strategies to inform national policies for accelerating digital transformation.
- This is an opportunity for you to [review what innovation is in your ecosystem to understand and improve your role within it](#).
- Your [participation in the one-on-one interviews and the co-creation workshops](#) is integral and essential to drafting an accurate assessment of your country's ICT innovation ecosystem.
- You are requested to [confirm your individual interview slots](#) with the ITU researcher, Lucy Antrobus, at your earliest convenience.
- We request you to mark your calendars and [save the dates](#) for the upcoming Co-Creation Workshops once these are issued. You will receive a registration email from us.

Additional resources

Representatives from the Authority can deep dive into the detailed methodology of developing a DIP but we highly advise them to take the training course that will help them understand and participate in the co-creation opportunities.

DIP RELATED DOCUMENTS

ITU-D Digital Innovation
Ecosystems: Unlock the
potential to accelerate digital
transformation of society

DETAILED METHODOLOGY

Bridging the Digital
Innovation Divide — A toolkit
for developing sustainable
ICT-centric ecosystem
projects

TRAINING COURSE

Innovation Ecosystem 101:
Fundamentals on building
competitive and innovative
ICT-centric ecosystems

Open Discussion and Q&A

Thank you

We will share this presentation with you after this meeting.

ITU VaMoz Digital! team



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A red hand icon with the index finger pointing upwards, positioned below the 'DIGITAL!' text.