

ITU Innovation Platform: For Developing Vibrant Ecosystems That Accelerate Digital Transformation Of Society

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What is an innovation?

“An innovation is the implementation of a new or significantly improved product (good or service), or process, a new marketing method, or a new organizational method in business practices, workplace organization or external relations.”

Source: OCED, Oslo manual

Innovation is believed to be the fundamental source of significant wealth generation within an Economy
Joseph Schumpeter-

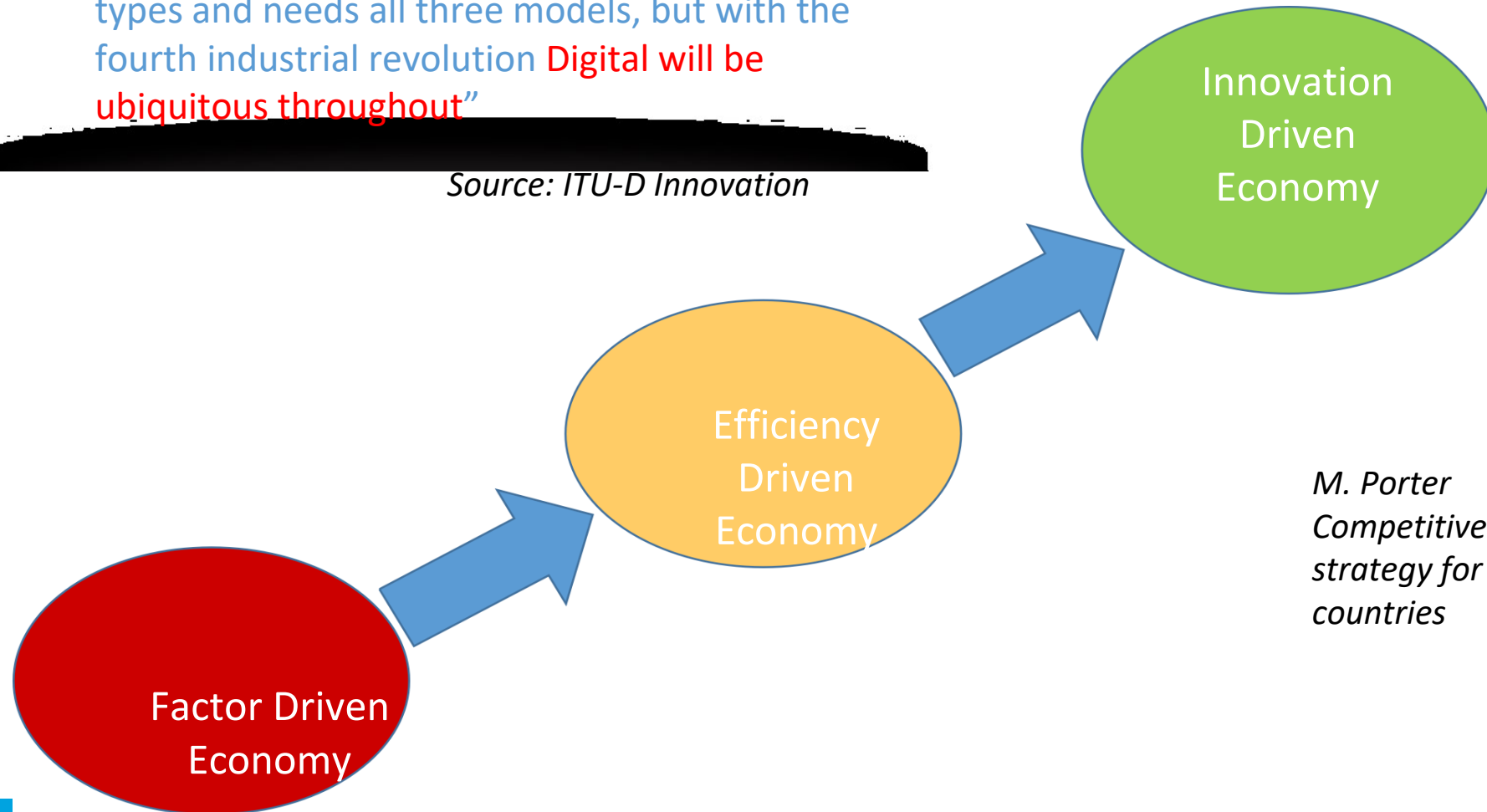
ICT affects business models, mindsets, organizational structures, R&D, markets and networks, contributing significantly to GDP growth. ICT-centric innovation can thus have a significant impact on development

Innovation Driven Economies



“Every country has a combination of all three types and needs all three models, but with the fourth industrial revolution **Digital will be ubiquitous throughout**”

Source: ITU-D Innovation

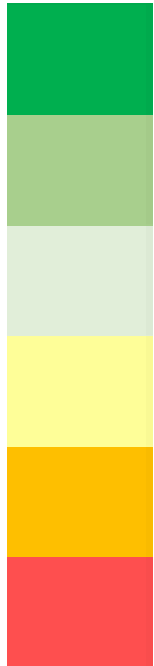


*M. Porter
Competitive
strategy for
countries*



Economies Don't Move Together

High digitization

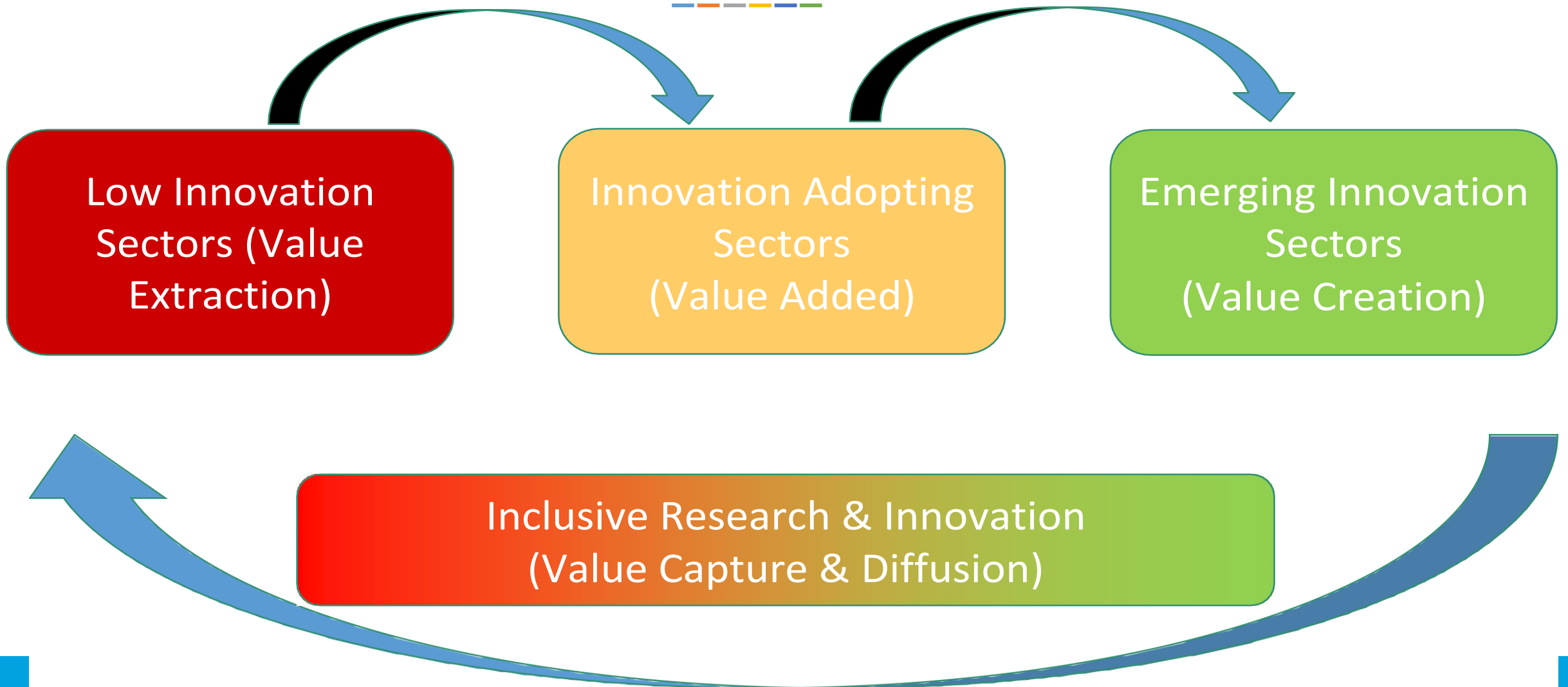


Low digitization

Sector Digitization

Sector	Digitization
ICT	Dark Green
Media	Medium Green
Professional Services	Light Green
Finance and Insurance	Light Green
Wholesale Trade	Pale Green
Advanced Manufacturing	Pale Green
Oil and Gas	Pale Green
Utilities	Pale Green
Chemicals and pharmaceuticals	Yellow
Basic goods manufacturing	Yellow
Mining	Red-Orange
Real Estate	Yellow
Transportation and warehousing	Yellow
Education	Yellow
Retail trade	Yellow
Entertainment and recreation	Red-Orange
Personal and local services	Yellow
Government	Yellow
Health care	Yellow
Hospitality	Red-Orange
Construction	Red-Orange
Agriculture and hunting	Red-Orange

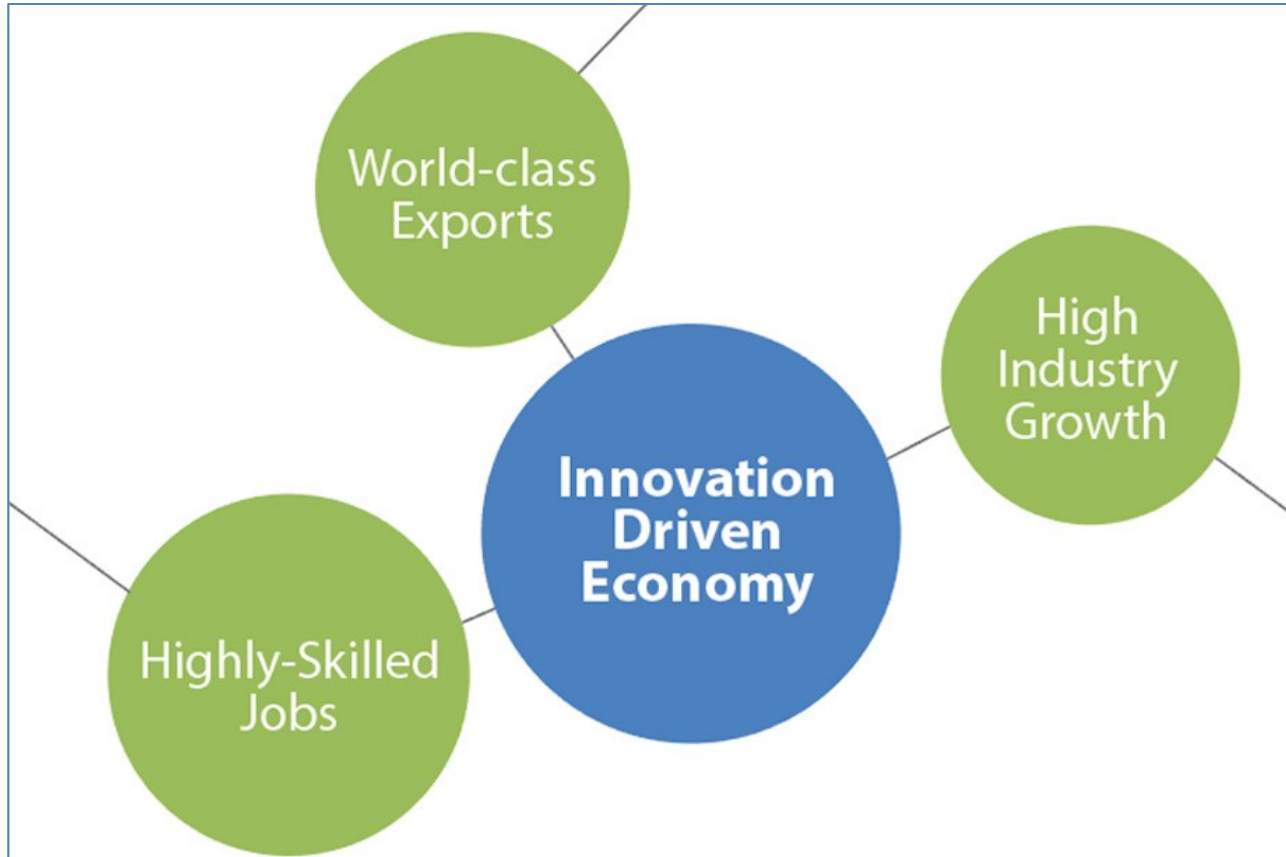
Accelerating Inclusiveness Between Sectors



Result = digital transformation

“When innovation is applied to solve problems through the use of ICT/telecommunication technology. The benefits to a country and its people are immense: significantly increased productivity, economic growth and greater employment opportunities.”

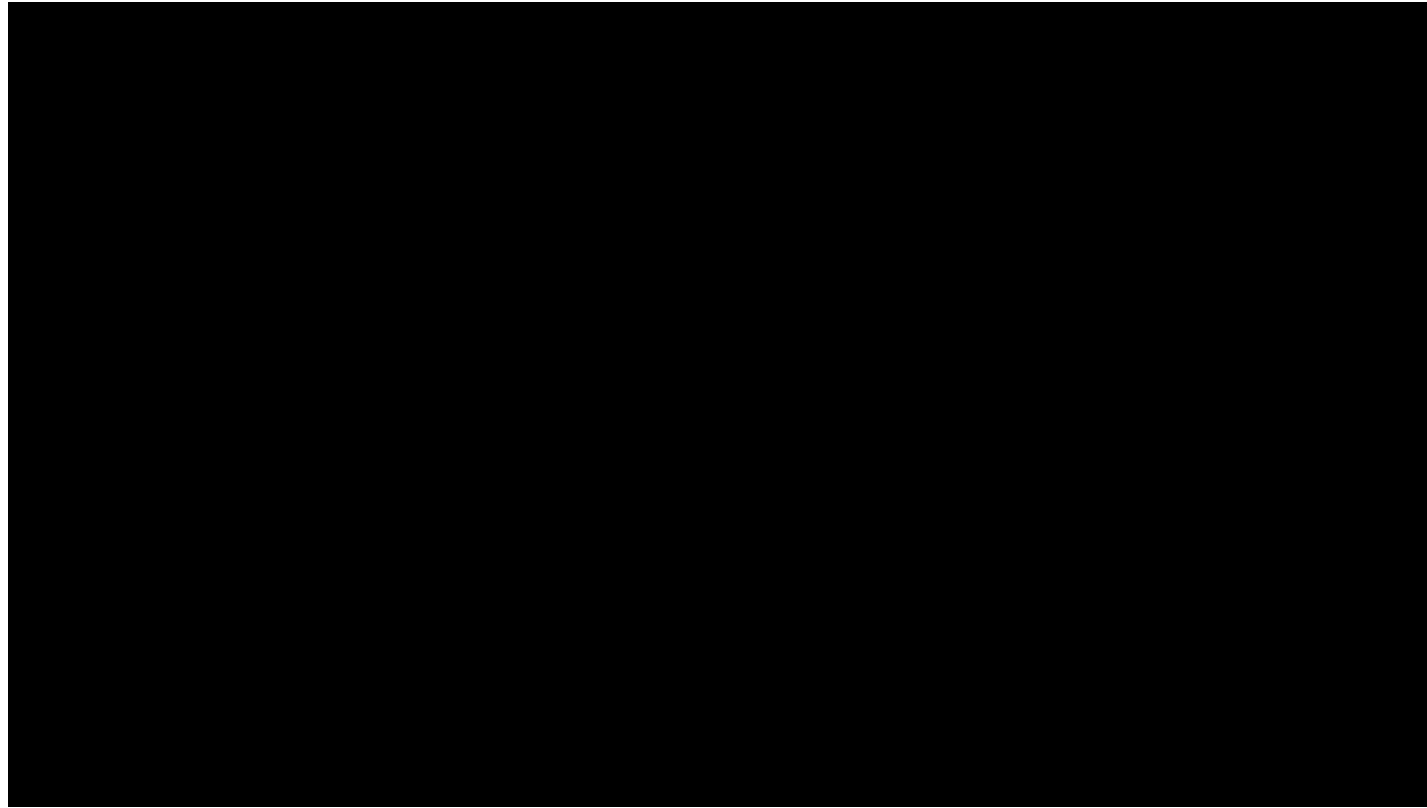




Objective:

To support Member states especially in developing countries to achieve a sustainable digital transformation of society and inclusive economic growth.

Understanding The Digital Innovation Divide

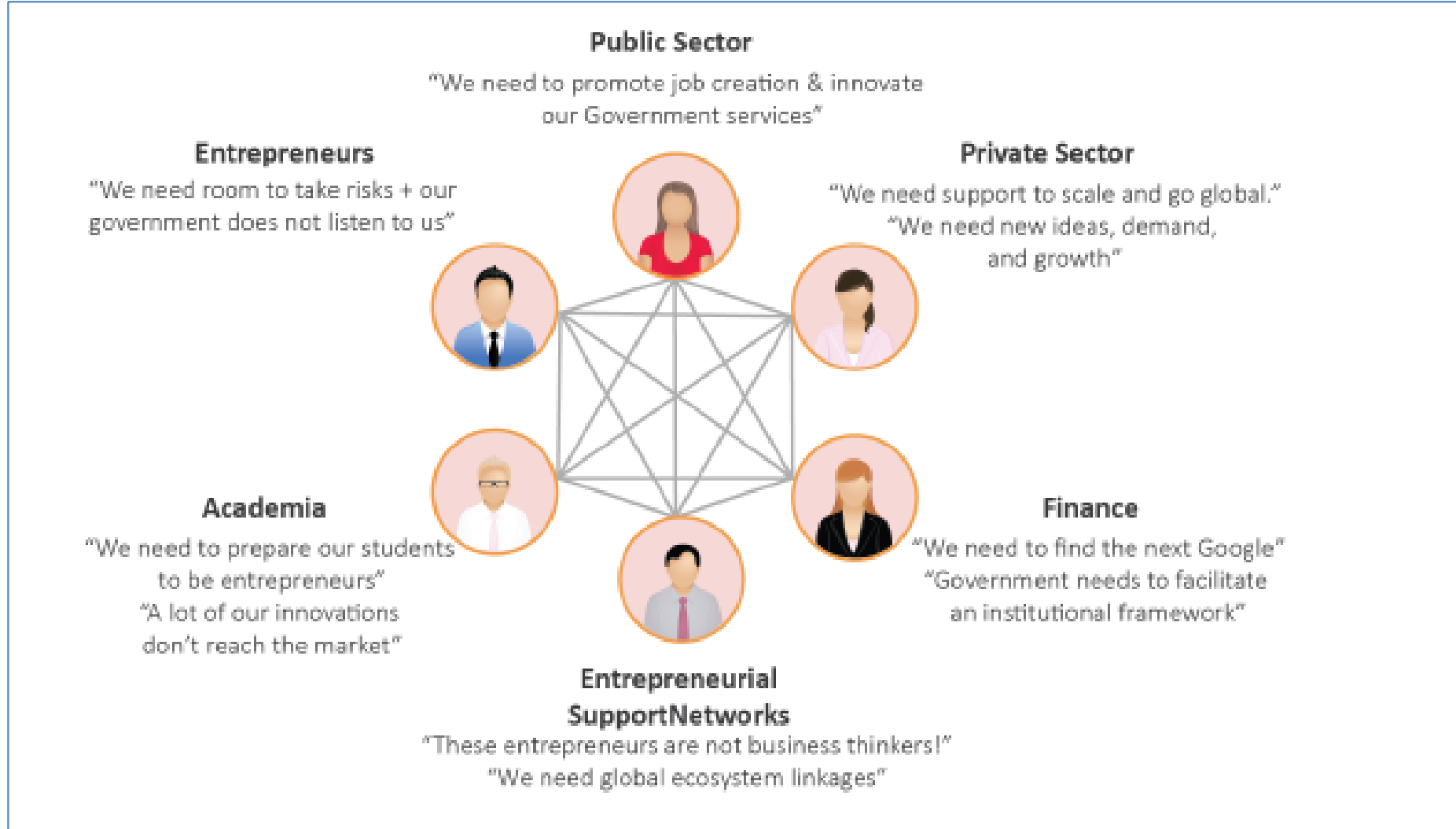


The Desired Goal



To bridge the digital innovation divide (gap) through strengthened ICT ecosystems that are vibrant, innovation driven and supportive of job creation, development of innovative businesses, and the growth of small and medium enterprises, as well as inclusive of all economic sectors and aligned to national development.

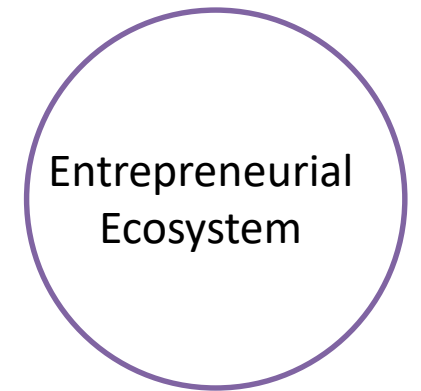
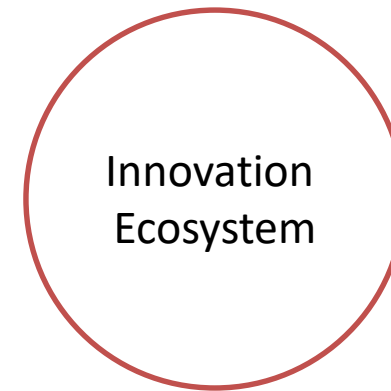
Innovation Is A System's Issue



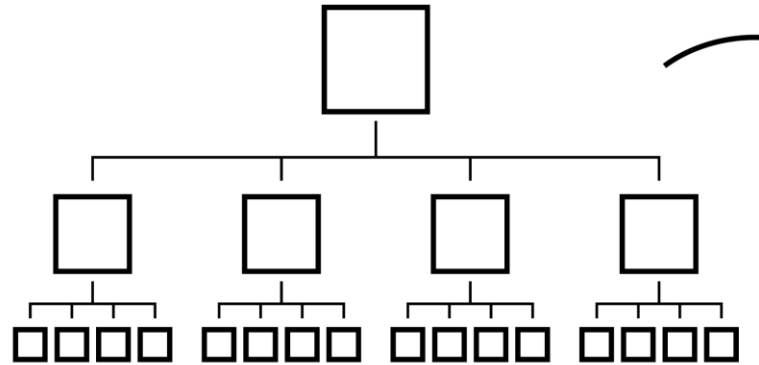
The Critical Components Of Innovation

“An ecosystem is a system or network of interconnecting and interacting organizations and stakeholders, from multiple sectors, who come together and address the problems people are facing within their communities.”

Source: ITU

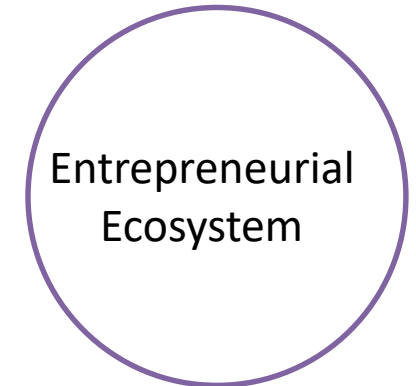
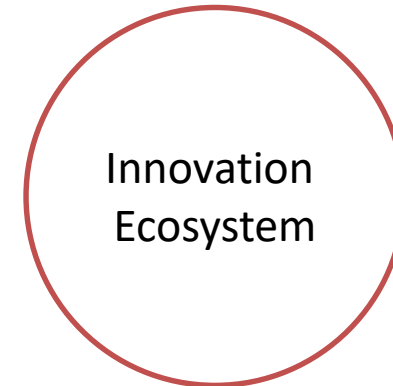
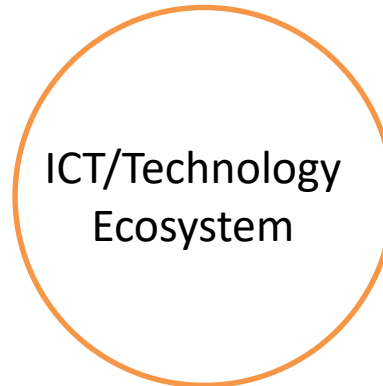


Silos Inhibit Innovation

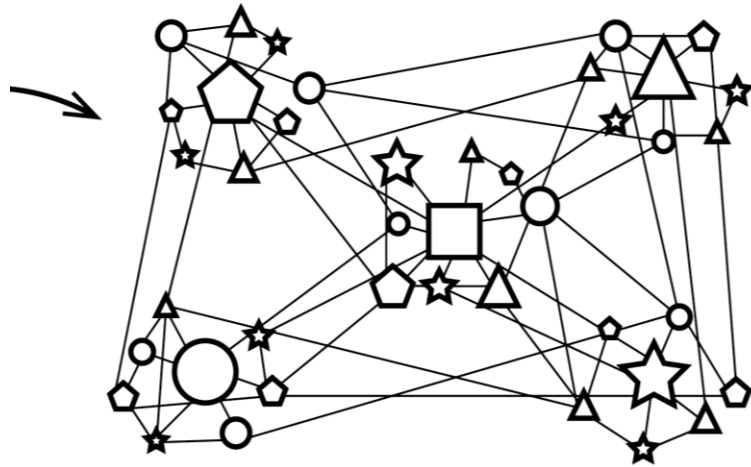


COMMAND

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



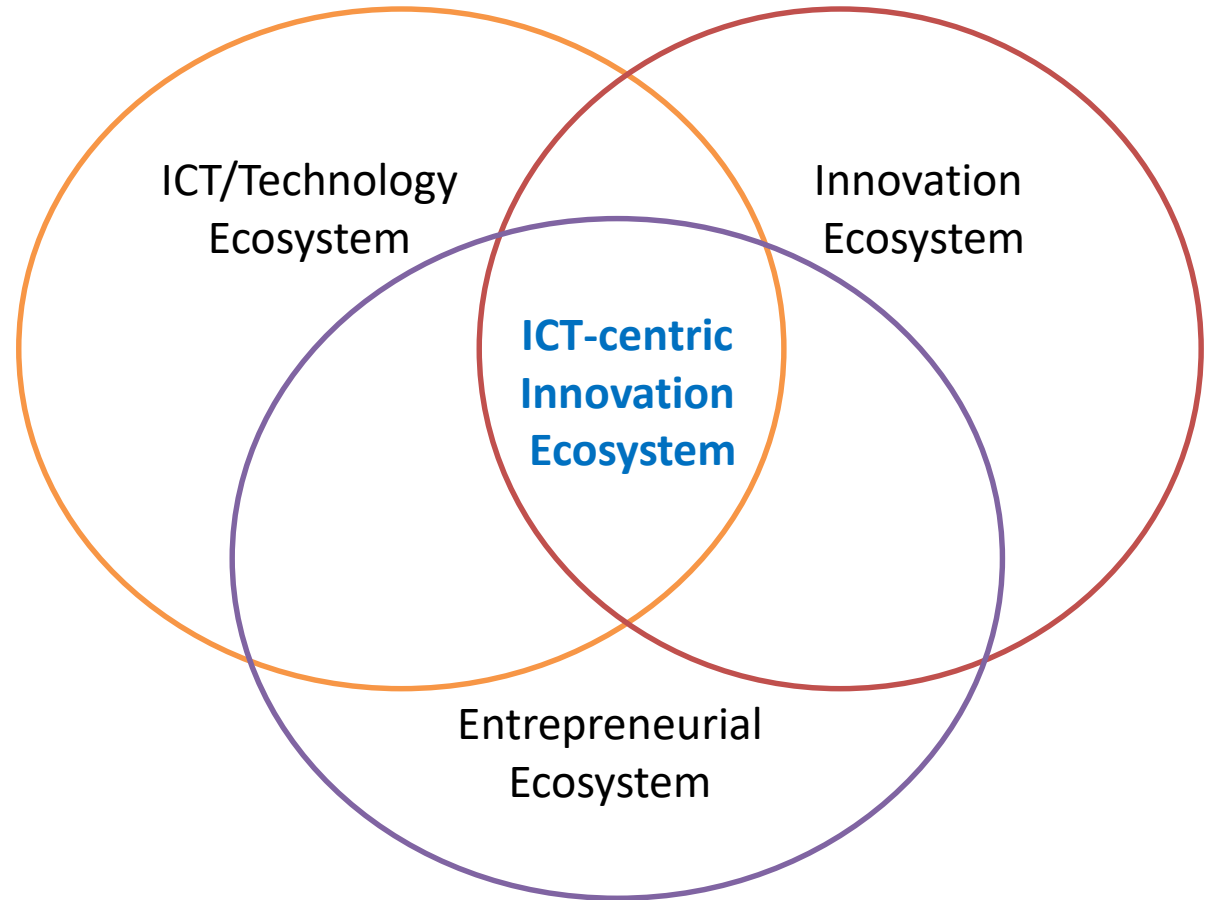
Ideal Stakeholder Collaboration



TEAM OF TEAMS

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

Source: ITU, based on concept of Team of Teams.



Comprehensive Enablers Of Innovation

PILLARS

 Vision & Strategy

 Capital

 Market

 Infrastructure

 Talent

 Culture

 Policy

Scope and objectives

Appropriate Demand side resources

Integration of economic sectors

Inclusive digital infrastructure

Talent appropriateness

Sustainable culture of entrepreneurship and innovation

Comprehensive and grassroots innovation policies & programs

Aligned Digital strategies

Continuum of Supply side resources

Market access domestic and international

Resilient & secure broadband Infrastructure

Soft infrastructure

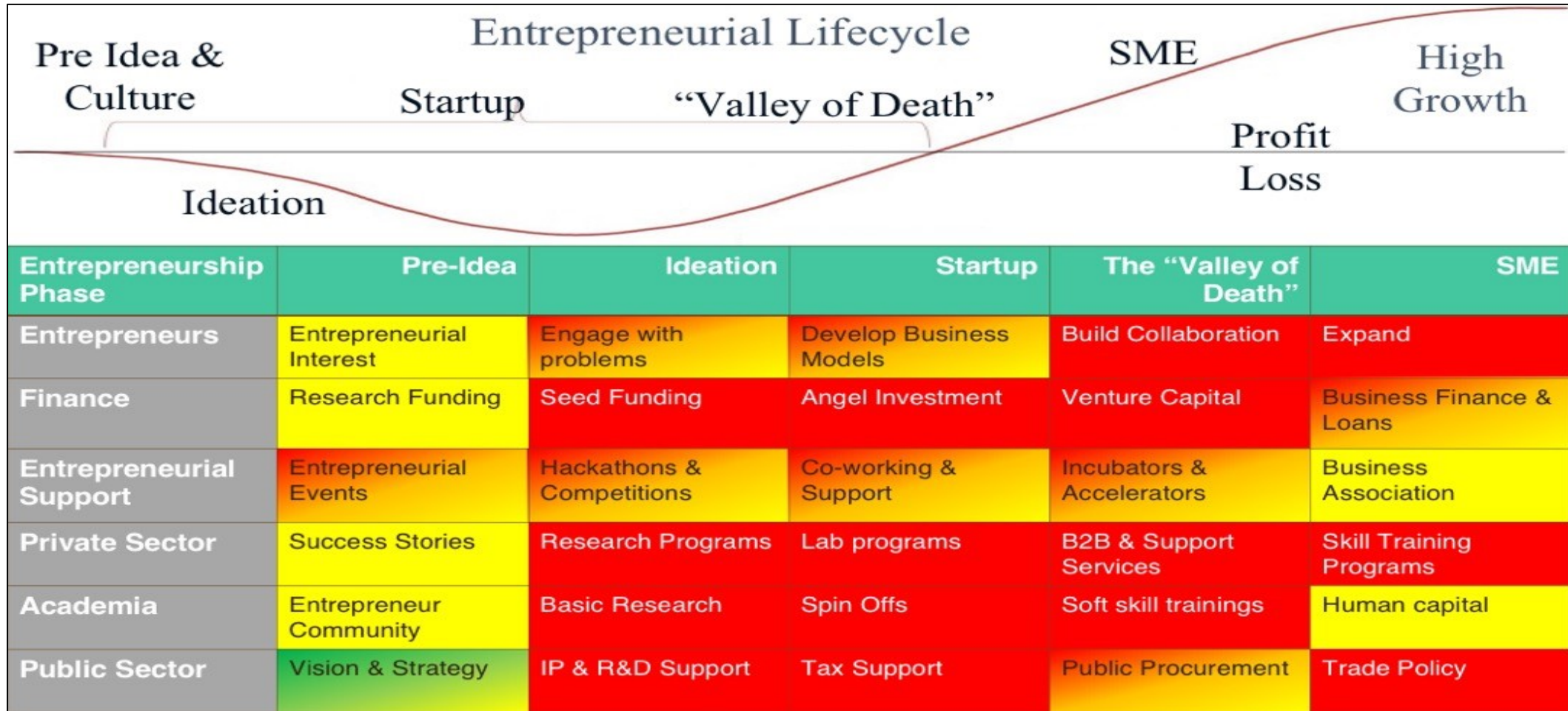
Champions

Communities

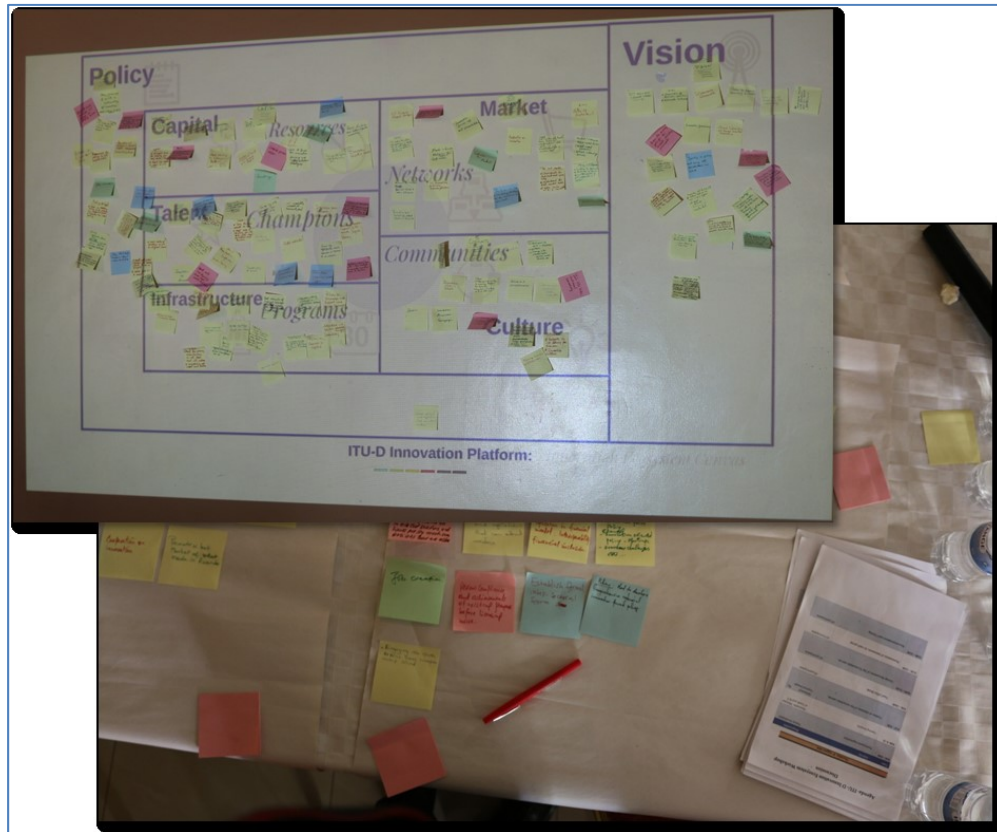
Legal frameworks

ISSUES

The Maturity Model Of An Innovation Ecosystem

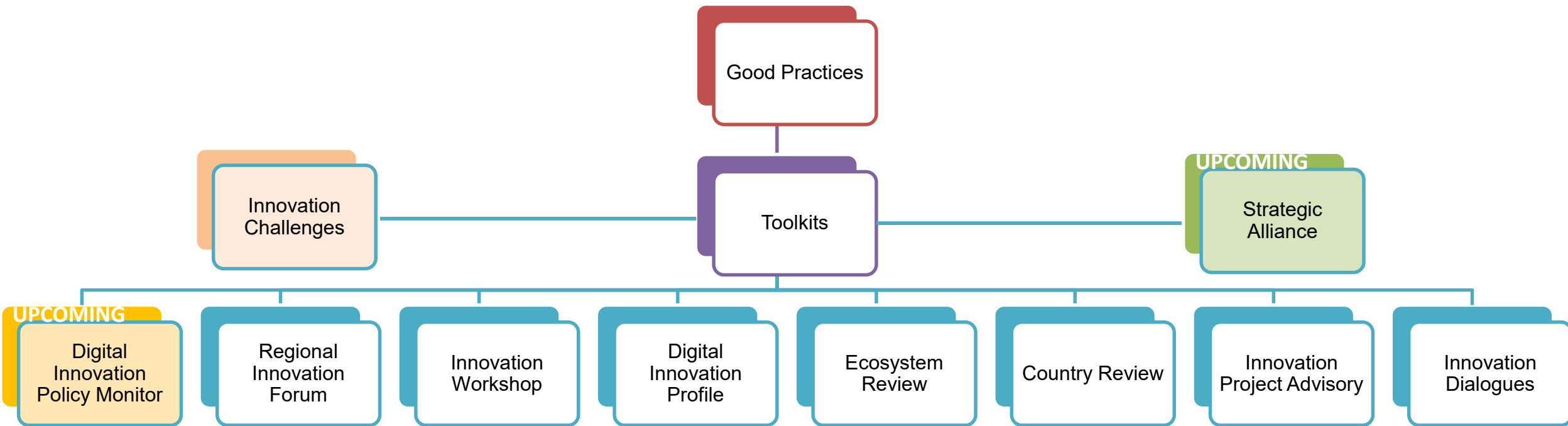
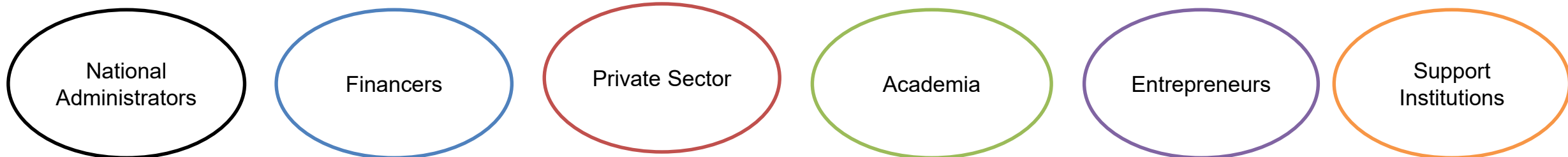


The Atomic Elements Of Innovation



- ❑ User centric approach
- ❑ Private sector led Innovation
- ❑ Efficient resources utilization (e.g. find and invest in working good practices)
- ❑ Replicable every year with fast changing ICT context
- ❑ Common language between all stakeholders (e.g. common understanding)
- ❑ Everyone should have skin in the game (e.g. engaged)
- ❑ Sustainable and predictable (e.g. Stability)

Architecture Of ITU Innovation Platform



Core Products And Services

Regional Innovation Forum

RIF

- Empowers multi-national participants with the essential skills
- Offers evidence based practices and access to expert community to competitively shape their digital transformation journey

Country Review

CR

- Offers a multi-stakeholder and cross-sectoral approach, and a scalable and comparative framework
- Aids users to develop comprehensive recommendations, roadmaps and projects to strengthen their digital transformation capabilities

Ecosystem Review

ER

- An assessment along the 3 key dimensions (*Innovation capabilities to sustain ecosystem, appropriate innovation infrastructure and approaches to sustain innovative ecosystem using the first two factors*)
- Recommends corresponding projects to deliver compelling synergies amongst key stakeholders and quick road maps in order to accelerate the achievements of SDG9

Digital Innovation Profile

DIP

- Offers a snapshot of their innovative ecosystem's "health" and a quick overview of relevant practices and identification of challenges and opportunities
- Addresses critical enablers to develop digital transformation capabilities

Innovation Project Advisory

IPA

- Provides a 360 advisory, risk assessment, good practice transfer, capacity building and recommendations, and/or implement one bankable, sustainable and impact driven project
- Accelerates Sustainable Development Goals 9 (SDG 9).

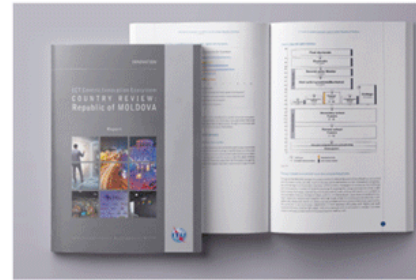
Some Of Our Recent Products And Services



POLICY TOOLKIT – IN SIX LANGUAGES
Bridging the digital innovation divide:
A toolkit for strengthening ICT centric ecosystems



REGIONAL REPORT | EUROPE
Accelerating Digital Transformation:
Good practices for developing, driving and accelerating ICT centric innovation ecosystems in Europe



COUNTRY REVIEW
ICT centric Innovation Ecosystem Country Review
MOLDOVA



DIGITAL INNOVATION PROFILE
BOSNIA AND HERZEGOVINA
ICT centric innovation ecosystem Snapshot



DIGITAL INNOVATION PROFILE
SERBIA
ICT centric innovation ecosystem Snapshot



DIGITAL INNOVATION PROFILE – UPCOMING
TFYR MACEDONIA
ICT centric innovation ecosystem Snapshot

Multi-stakeholder Workshop

BRIDGING THE DIGITAL INNOVATION DIVIDE

ACCELERATING DIGITAL TRANSFORMATION TOWARDS THE 4TH INDUSTRIAL REVOLUTION

11 – 12 DECEMBER 2017
in Gaborone, Botswana

Registration through itu-harare@itu.int
More info via innovation.itu.int



Country-level Innovation, Infrastructure, Industrialization

STORY HIGHLIGHTS

- The UN Industrial Development Organization and the International Telecommunication Union announced a partnership to “fast forward” SDG achievement, focusing on reducing digital and gender divides, creating jobs, improving efficiency of natural resource management and e-waste management, and supporting growth of small and medium-sized enterprises.
- The ITU highlighted the objective of delivering “measurable and sustainable solutions” at country level.

Recent work on Bridging the digital innovation divide (gap) work

Some relevant partnership and actions



The journey of a thousand
miles begins with one step.
Lao Tzu

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