

Introduction to the dimensions of digitalisation

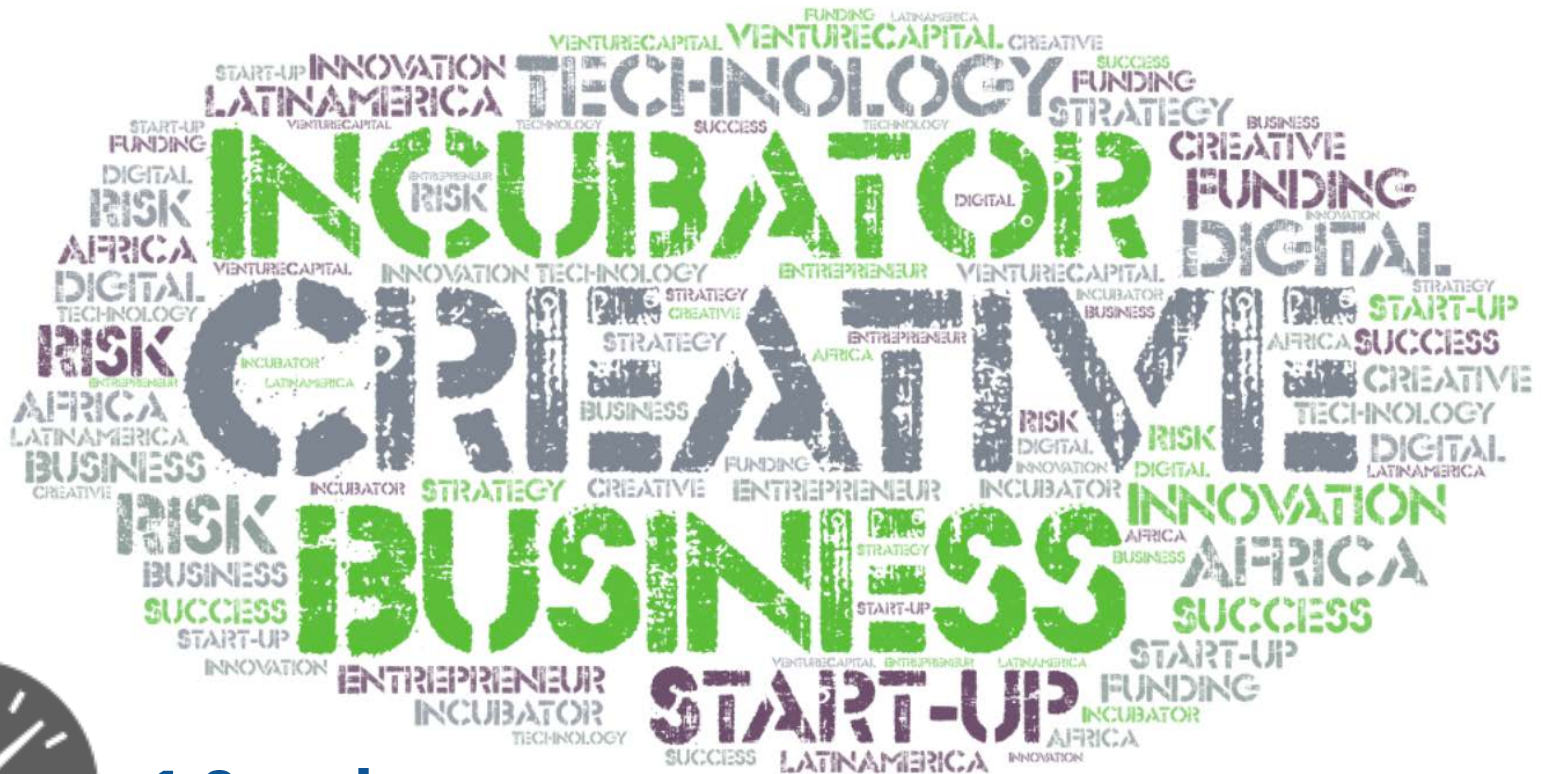
Module 4.2:
Entrepreneurship

Agenda

Module 4.2: Entrepreneurship

- Zoom in: The digital start-up scene
- Opportunities and challenges of digital entrepreneurship for developing countries
- The African innovation hub scene

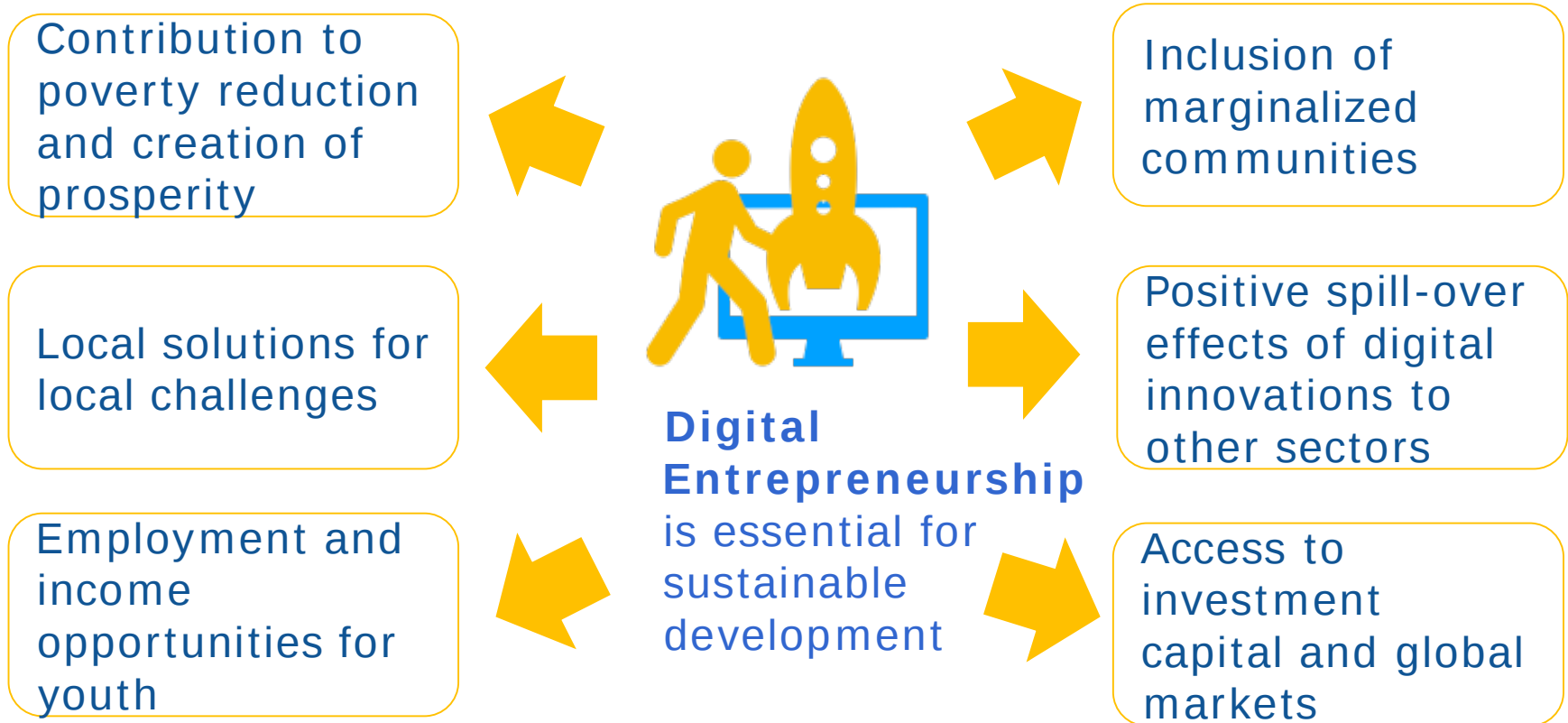
do you know?



10 min

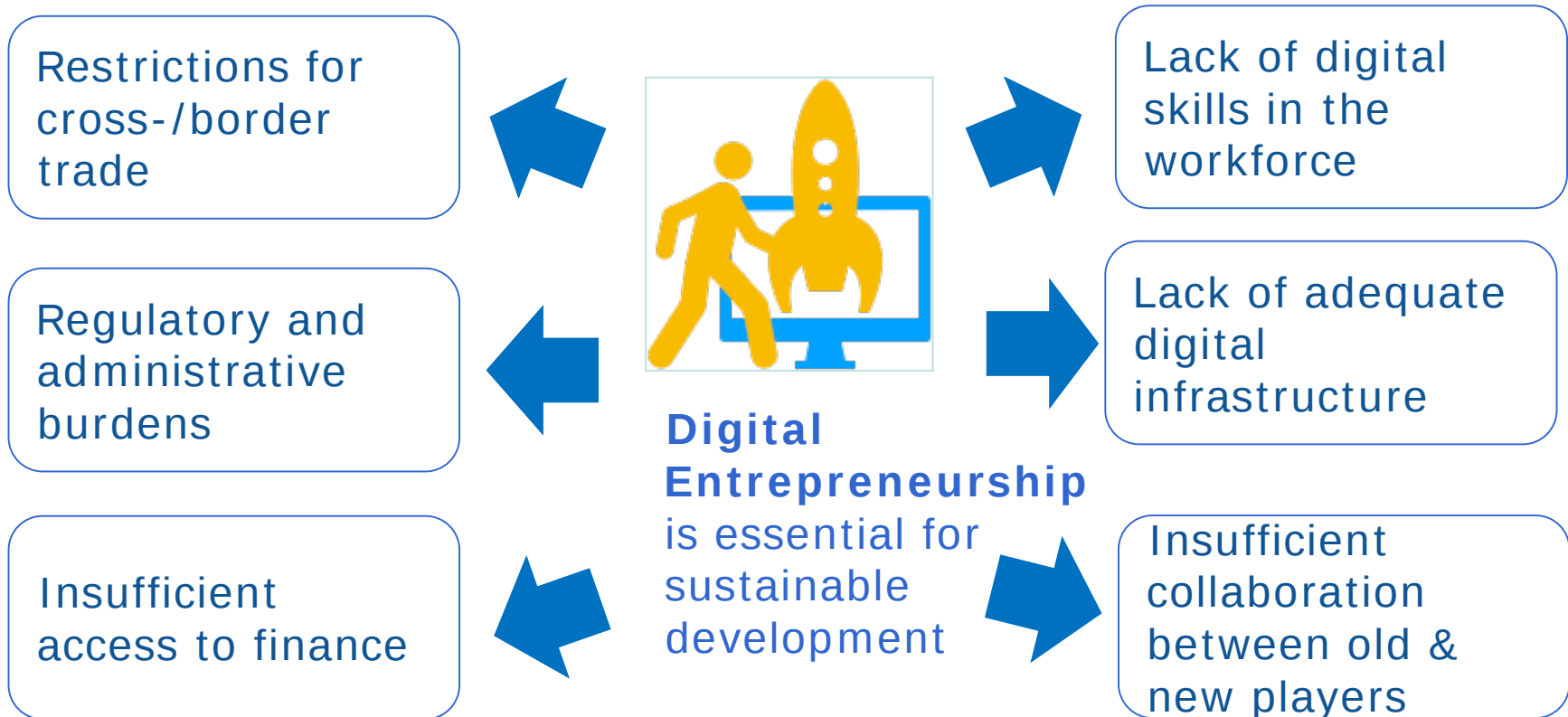
Digital Entrepreneurship

Opportunities for developing countries



Digital Entrepreneurship

Challenges for developing countries



Entrepreneurship Ecosystem

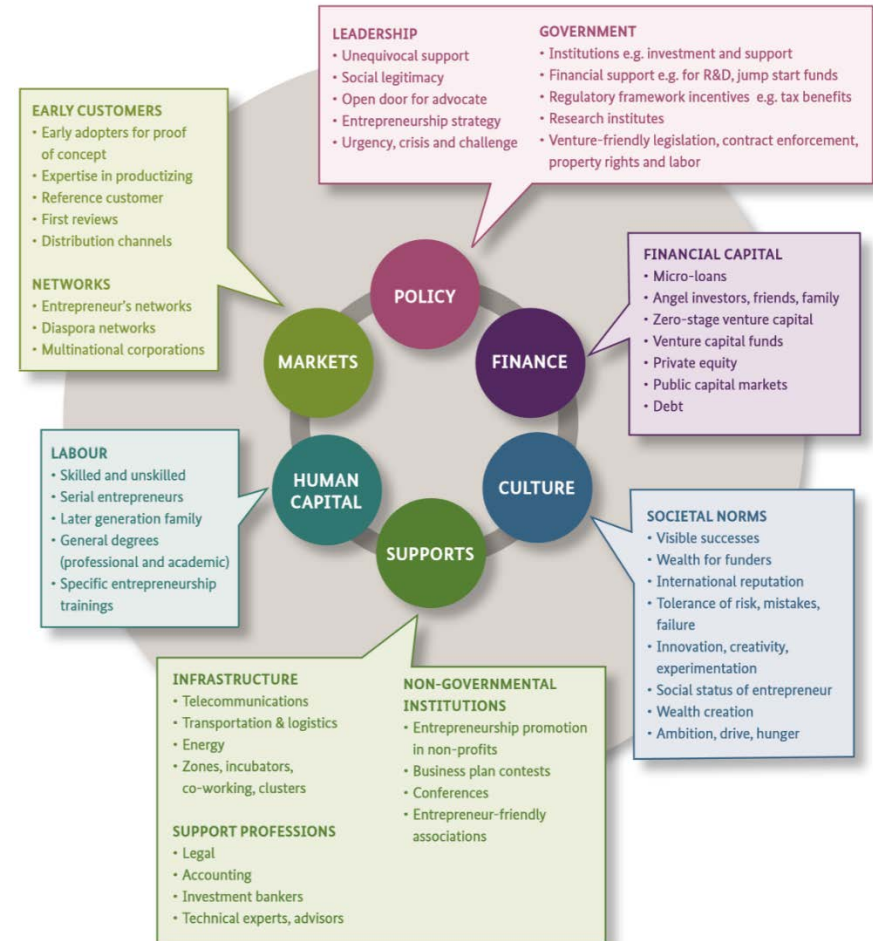
Innovation and
Entrepreneurship requires
access to different
services.

Different definitions of such
an entrepreneurial
ecosystem exist.

6 basic elements

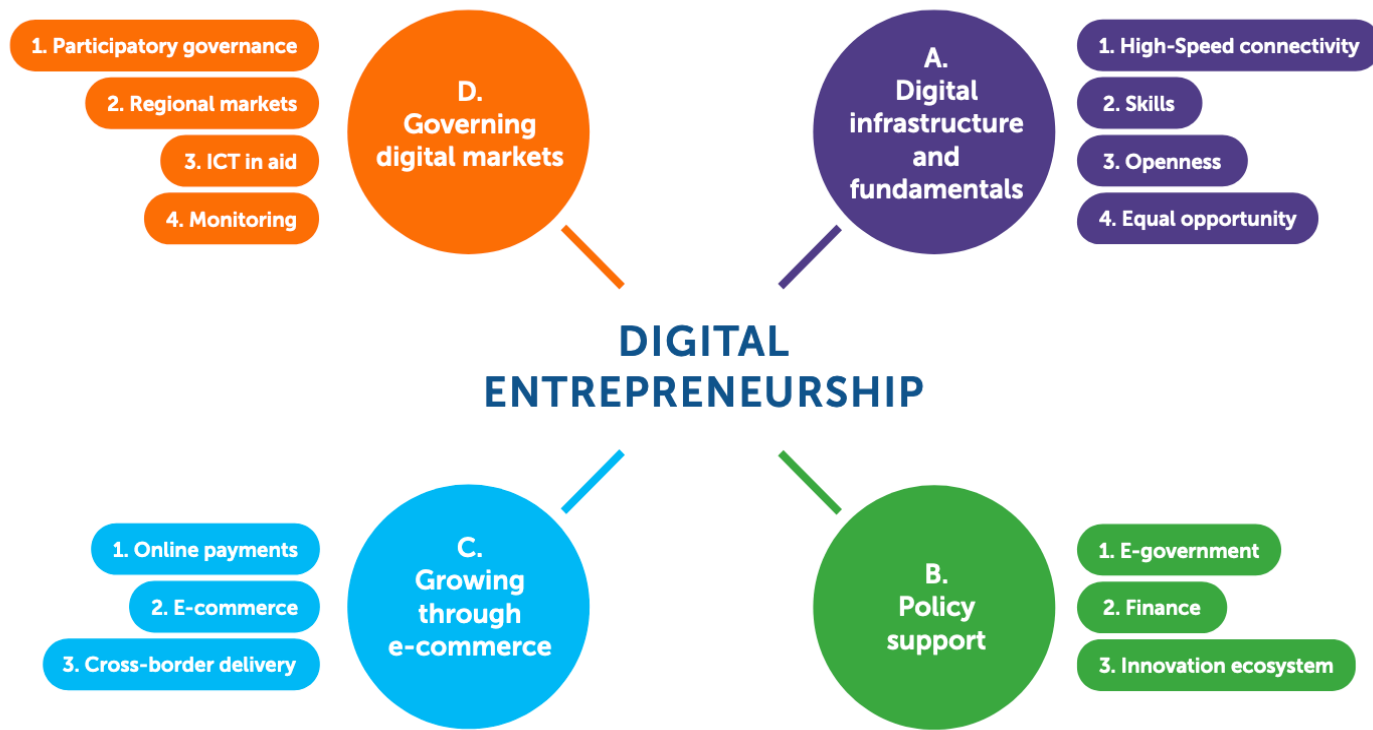
Figure 1: Isenberg's ecosystem domains¹²

Scale up™ Ecosystems for Growth Entrepreneurship



Entrepreneurship

Intervention dimensions for DevCo



Example: Tunisia start-up Act

[Accueil](#)[Le Startup Act](#)[À Propos](#)[Espace Startup](#)[Espace Investisseur](#)[News](#)[FAQ](#)[POSTULER](#)

LE STARTUP ACT

DÉCOUVREZ EN DÉTAIL TOUT L'UNIVERS DU STARTUP ACT

QU'EST CE QUE LE STARTUP ACT ?



- Le Startup Act est un cadre juridique dédié aux Startups en Tunisie. Ce cadre est conçu pour faciliter le lancement et le développement de Startups depuis la Tunisie.
- Ce cadre juridique intègre 20 mesures structurées autour d'un Label de mérite et d'avantages aux entrepreneurs, aux investisseurs et aux Startups.
- Il est matérialisé principalement par : (i) la Loi N°2018-20 du 17 avril 2018 relative aux Startups ; (ii) le Décret N°2018-840 du 11 octobre 2018 portant fixation des conditions, des procédures et des délais d'octroi et de retrait du label startup et du bénéfice des encouragements et des avantages au titre des Startups et de l'organisation, des prérogatives et des modalités de fonctionnement du

Digital Entrepreneurship

Focus Africa



Fastest growing Ecosystems 2016-2018



Democratic Republic of the Congo +200%

Zambia +200%

Cote d'Ivoire +160%

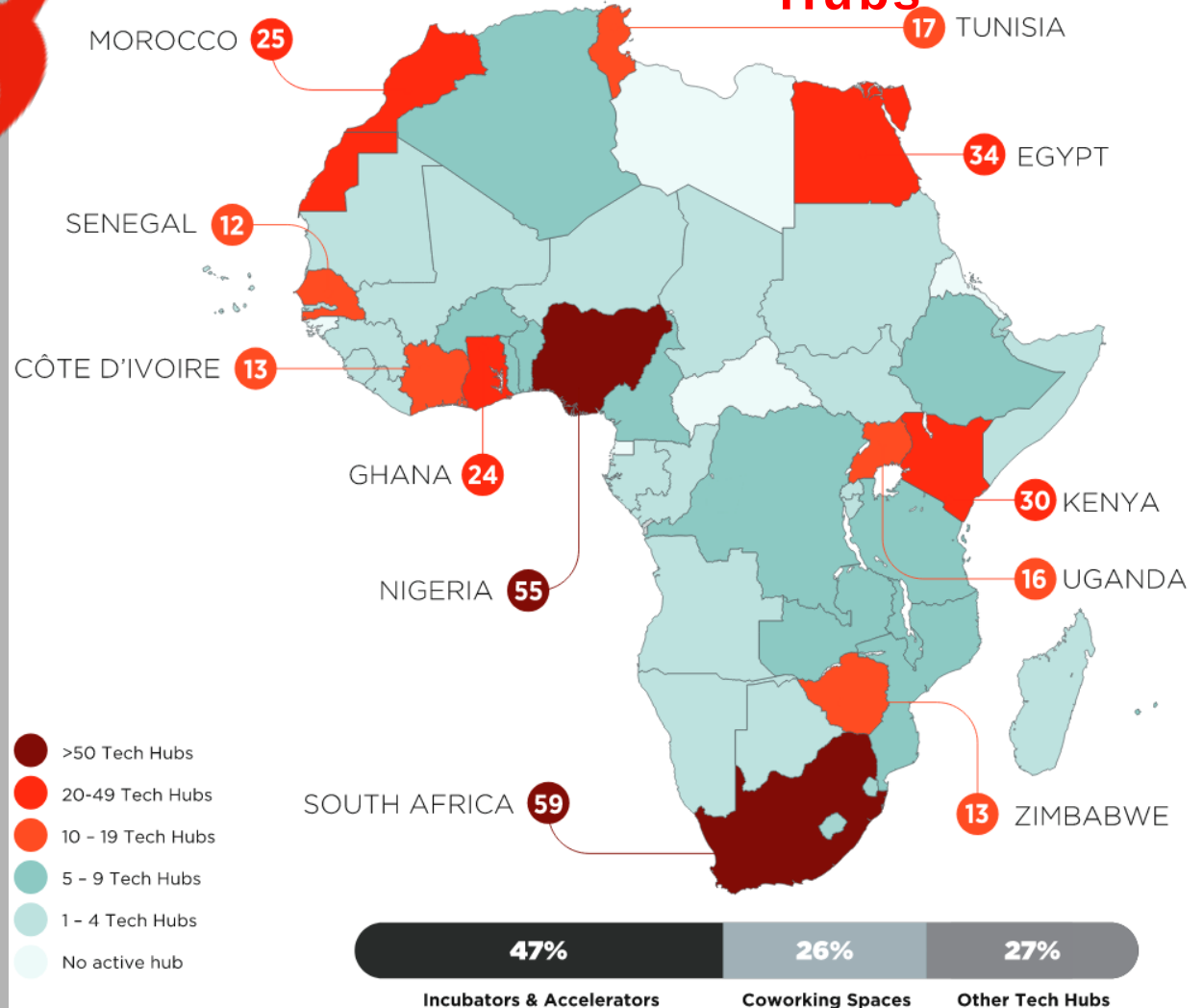
Top 3 Ecosystem Cities, by number of active tech hubs

Lagos, 31 hubs

Cape Town, 26 hubs

Nairobi, 25 hubs

442 active Tech Hubs



Digital Entrepreneurship Africa

Hype or Hope?

"Digital innovation is the best way to provide the solution made by, and for African people" (Macron, 2018)

- Rising numbers of technology hubs and innovation incubators
- Strong entrepreneurial mindset
- Digital entrepreneurs gave rise to a number of ground-breaking innovations (e.g. M-Pesa mobile money revolution)
- Variety of initiatives by philanthropists, development organisations, technology corporations, and local governments



- Lack of evidence regarding effectiveness of hubs and innovations initiatives
- Regulatory and administrative barriers and gaps
- Persistent divides between countries and within countries
- Mixed numbers regarding access to venture capital, disruption of value chains and global scale
- Limited participation in global digital production



Digital Entrepreneurship Africa

Success Story – Kenya

Kenya is home to one of the most established innovation ecosystems in Africa. Homegrown successes such as M-Pesa are driving Internet adoption throughout the country, transforming Kenya into a digital first nation.

- Kenya has one of the most thriving **innovation ecosystems** in Africa
- **New investments** projects are helping to create more sustainable businesses (Venture capital funding for start-ups in Kenya jumped from \$92.7 million in 2016 to \$147 million in 2017)

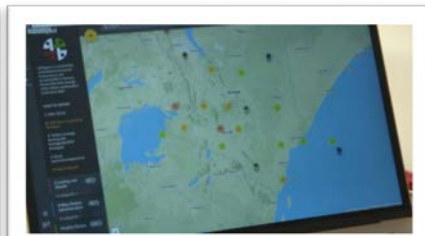
But:

- Kenya's **education system** needs to embrace critical and innovative thinking to meet the demands of the digital society
- **Digital divide** between rural and urban areas needs to be tackled

Digital Entrepreneurship Africa

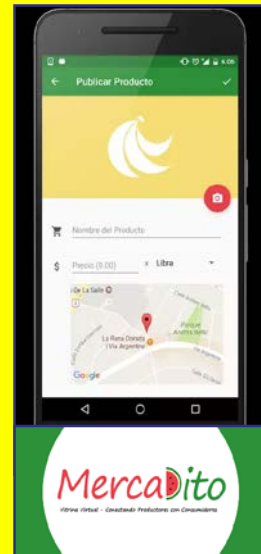
Success Stories

- The Kenyan start-up **BRCK** has developed SupaBRCK and PicoBRCK to bring cost-effective Internet to remote locations and enable data updates from these areas.
- **Ushahidi** is one of the most famous software solutions made in Kenya. It was first developed in 2008 to monitor the Kenyan Elections, but soon became a global provider for crisis mapping and monitoring.
- **Jumia** is the leading pan-Africa e-commerce platform with over 3,000 employees in 14 countries spanning across 6 African regions.
- **Matibabu** is an Ugandan e-health start-up that developed a non-invasive diagnostic kit used to detect Malaria.



Open questions?

Can you think about a Digital solution for agriculture?



Hold it until tomorrow!