

Building ICT Innovation Capacity

WSIS Forum 2017

Thursday 15th June (14h30-16h15, ITU Montbrillant Room M2)

The power of a digital transformation

- Most companies are optimised for the environment where they already operate
- When anything in that environment changes, they are not equipped to adapt and changes.
- Suddenly, the established ways of working may no longer be delivering the same results.
- Digital transformation frameworks will help the leaders steer the organisation back onto a path that propels the business forward, not backwards.
- The reality is, it's not the largest nor the most currently successful companies that succeed.
- Successful companies are the ones that are the most adaptable.



Companies must innovate or die

- Vimpelcom is undertaking the telecom industry's most radical overhaul to date, weaning itself from declining revenues from voice and data to focus instead on mobile Internet services such as banking, taxis and messaging.
- It will mean a shift for Vimpelcom from selling data and voice calls to offering a single, app-based platform where users can communicate for free.
- VEON is a revolutionary internet platform that integrates powerful data analytics and artificial intelligence to finally put the user in control.
- VEON allows the user to stay connected for free, no matter the status of their data plan - even when they are out of credit.
- Vimpelcom plans to revenue share through partnerships with recognized Internet names, such as Uber and others.



Investing in Innovation is Crucial

- Singtel is Southeast Asia's largest telecommunications company, with more than 600 million subscribers.
- A shift from voice calls to messaging and data services was a boon for new competitors like Skype, WhatsApp, and Facebook.
- From 2010 to 2015, Singtel successfully branched into new markets and strengthened its culture of innovation by splicing curiosity into its corporate DNA.
- Singtel started an investment vehicle (Singtel "Innov8") to invest in dozens of startups and connect to the venture ecosystem.
- It created a new arm called Group D!gital L!fe designed to incubate and build new growth businesses, and committed to spend up to \$2 billion to acquire new digital businesses.

Singtel
innov8

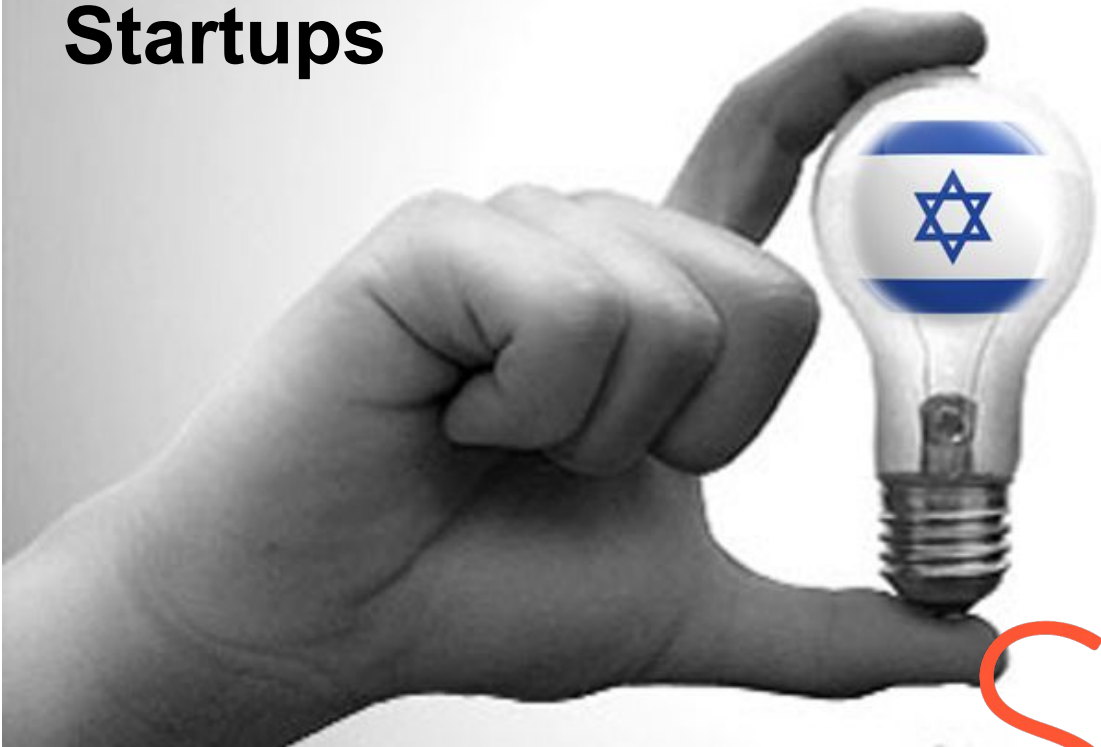
Startups competing with Countries

Denmark Creates the World's First Ever Digital Ambassador

Big companies “affect Denmark just as much as entire countries,” Foreign Minister Anders Samuelsen said in an interview with Danish newspaper *Politiken*. “These companies have become a type of new nations and we need to confront that,” he added

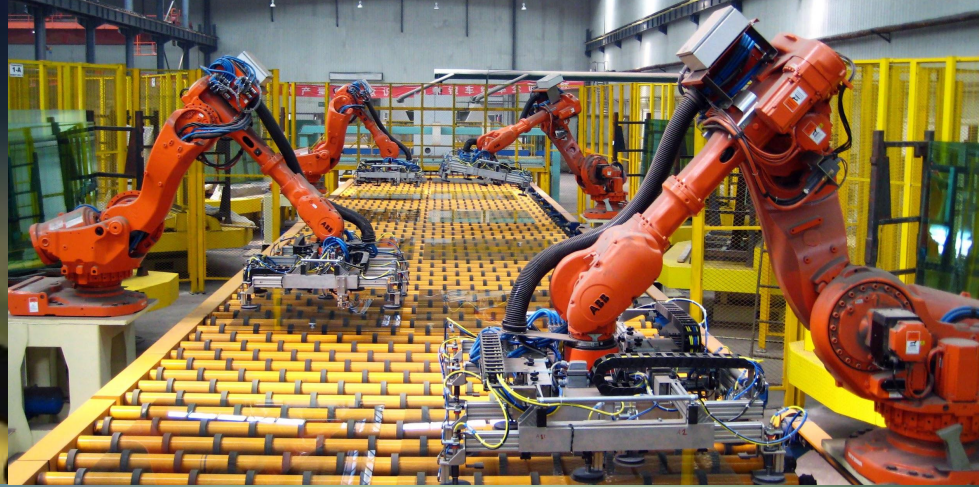


Nations Can Be Startups



STARTUPTM
ESTONIA

Nations Should Be Startups



Innovation is crucial for countries like Georgia

Year	2015	2016	Change
Georgia's Rating - Doing Business	23	16	+7
Starting Business	10	8	+2
Dealing with Construction Permits	9	8	+1
Registering Property	3	3	-



Reforms for Innovation ecosystem development in Georgia

INSTITUTIONAL FRAMEWORK



Georgia's Innovation and Technology Agency (GITA)
Establishment in 2014 under Ministry of Economy and Sustainable Development



Research & Innovation Council
Created in 2015 Chaired by Prime Minister

Strategy	
Social-Economic Development Strategy of Georgia "GEORGIA 2020"	"Innovative Georgia 2020"



Innovation Ecosystem Building Blocks



FabLab Global Map - Georgia in Top10 (22 Fablabs in 2 Years)



Georgia - First FabCountry in the World



ABOUT

ROAD MAP

NEWS

GET INVOLVED

CONTACT

FAQ



CITY

BARCELONA
BOSTON
SOMERVILLE
CAMBRIDGE
EKURHULENI
KERALA
GEORGIA
SHENZHEN
AMSTERDAM
TOULOUSE
OCCITANE REGION
PARIS
BHUTAN
SACRAMENTO
SANTIAGO
DETROIT

Cities join the Fab City initiative every year during the Fab Lab network meetings. We work with



20

Machines



800+

Projects



400+

Teams



50+

Start-ups

TechPark Georgia - First Building









თექნოპარკი
სადაც იდეები იშვიათად









COMMUNITY INNOVATION AND TECHNOLOGY CENTERS BASED ON PUBLIC LIBRARIES

500

COMMUNITY INNOVATION AND TECHNOLOGY CENTERS WILL BE CREATED BASED ON 500 LIBRARIES IN GEORGIA



1. ACCESS TO MODERN TECHNOLOGY
2. ENHANCING COMPUTER SKILLS
3. ACCESS TO DISTANCE LEARNING
4. TRAININGS FOR ENHANCING COMPETITIVENESS IN INNOVATION AND TECH DIRECTION
5. BUSINESS INITIATION PLACE
6. CO-WORKING SPACE

INNOVATION LABs

Public Private Partnership

IN 2014, SUPPORTED BY INNOVATION AGENCY ON THE UNIVERSITY CAMPUS 3 TYPES OF iLABS HAVE BEEN CREATED WITH THE FOLLOWING DIRECTIONS:



Mobile
Programming



Computer Games



Computer Graphics
and visual effects

ALL LABORATORIES UNIFIED UNDER INNOVATION LABS NETWORK AND WILL SUPPORT CLOSE CONNECTIONS, JOINT EVENTS, COMPETITIONS AND CONFERENCES TO BE HELD.

INNOVATION LABS EQUIPMENT

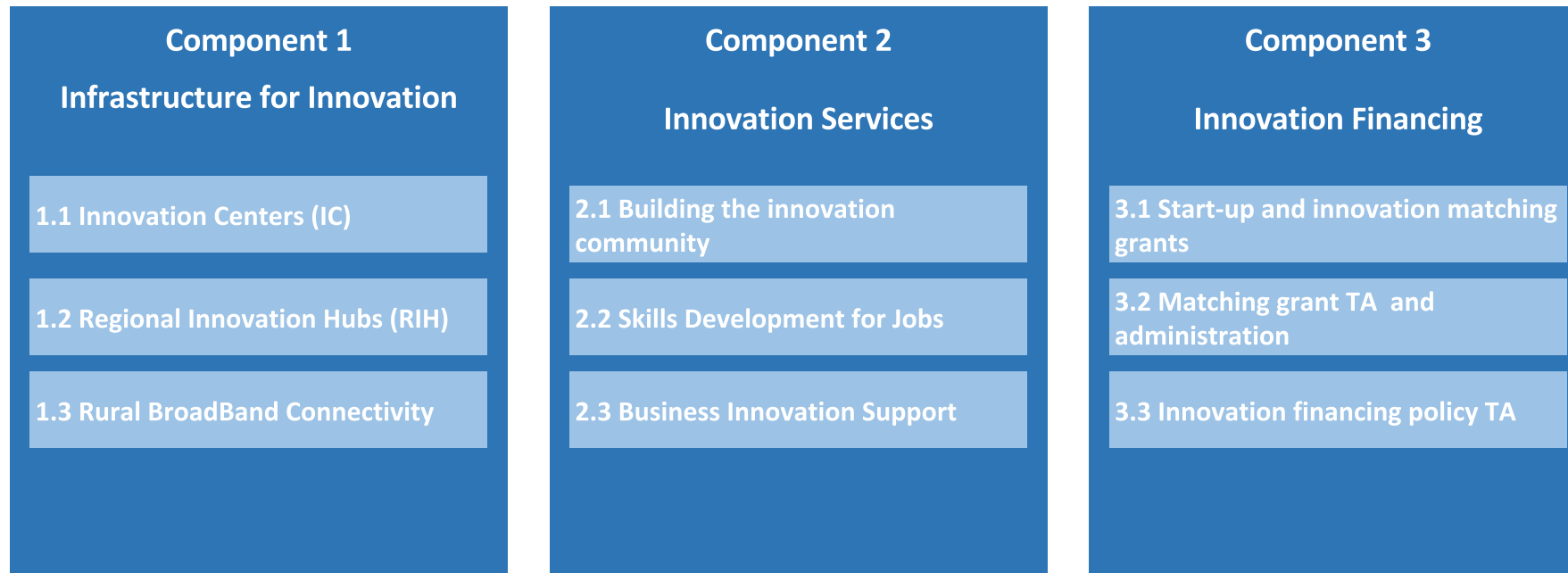


Innovation Ecosystem Development in Georgia

40Mln USD - 5 Years



Georgia National Innovation Ecosystem (GENIE Project)



Component 4: Project Management



Failure brings you one step closer to success

- JK Rowling got rejected 12 times before publishing Harry Potter
- Beyonce had to make hundreds of songs to get Halo
- The greatest successes come from having the freedom to fail
- When you don't have the freedom to take your idea and turn it into a historic enterprise, we all lose.
- Right now our society is way over-indexed on rewarding success and we don't do nearly enough to make it easy for everyone to take lots of shots.



Bridging the Innovation Divide



Thank You !

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