



**ITU Regional Develop Forum  
for the Arab Region**  
Innovation & Entrepreneurship

**dot.** DIGITAL  
OPPORTUNITY  
TRUST

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Director of MENA Operations

Lebanon Country Director



ENVIRONMENT

INFRASTRUCTURE

dot.

DIGITAL  
OPPORTUNITY  
TRUST

PEOPLE

SKILLS



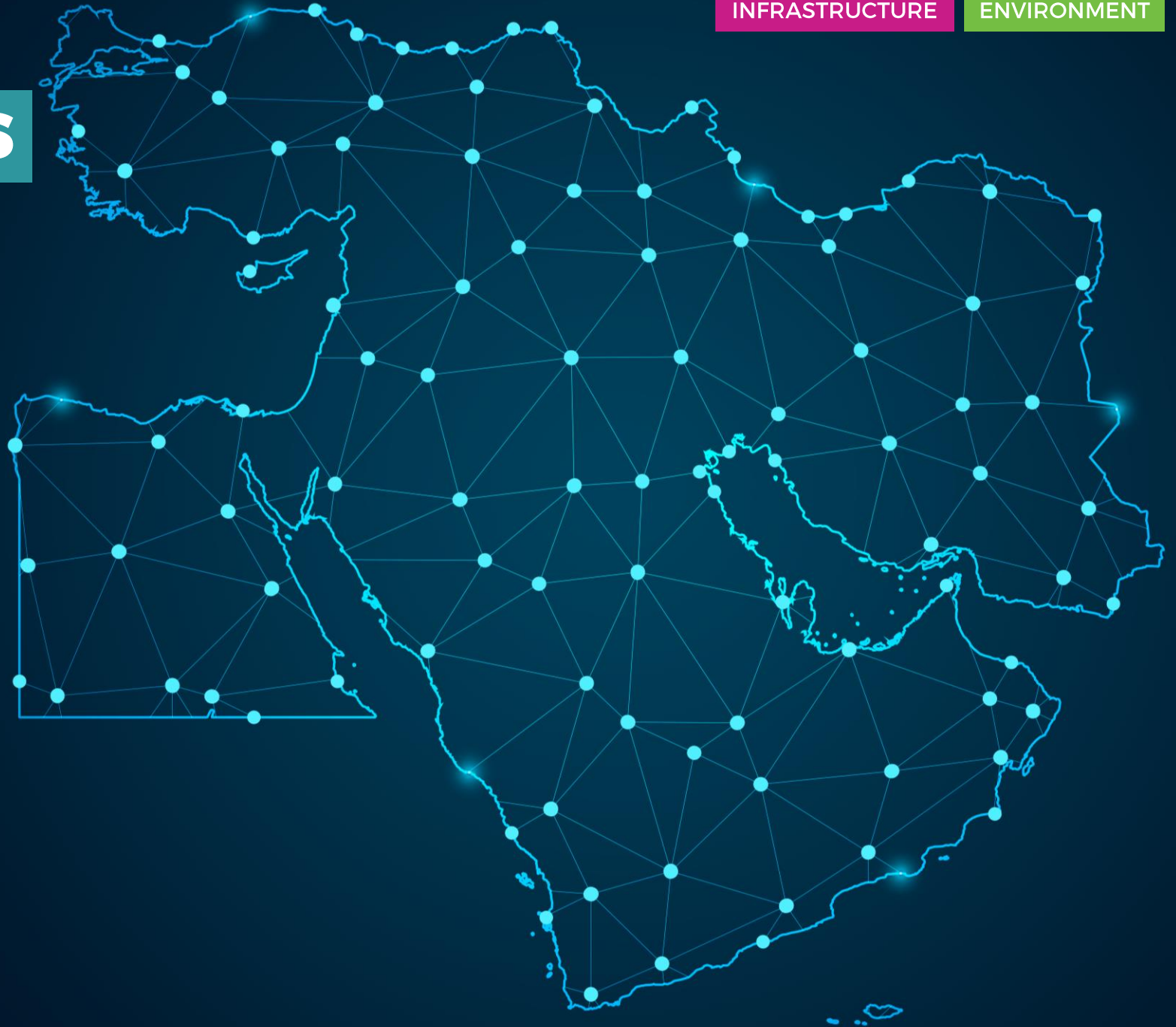
# DIGITAL ACTORS MAPPING RESULTS

INFRASTRUCTURE

ENVIRONMENT



Study by DAN showing the Digital Actors Mapping insights from Tunisia, Lebanon, Morocco, Jordan, and Egypt



## MAPPING RESULTS

Agriculture

Arts & Culture

Business & Innovation

Finance

Health

Media & Journalism

Politics & Society

Research & Education

Science & Technology

Individuals

Startups Ecosystem

Private Company

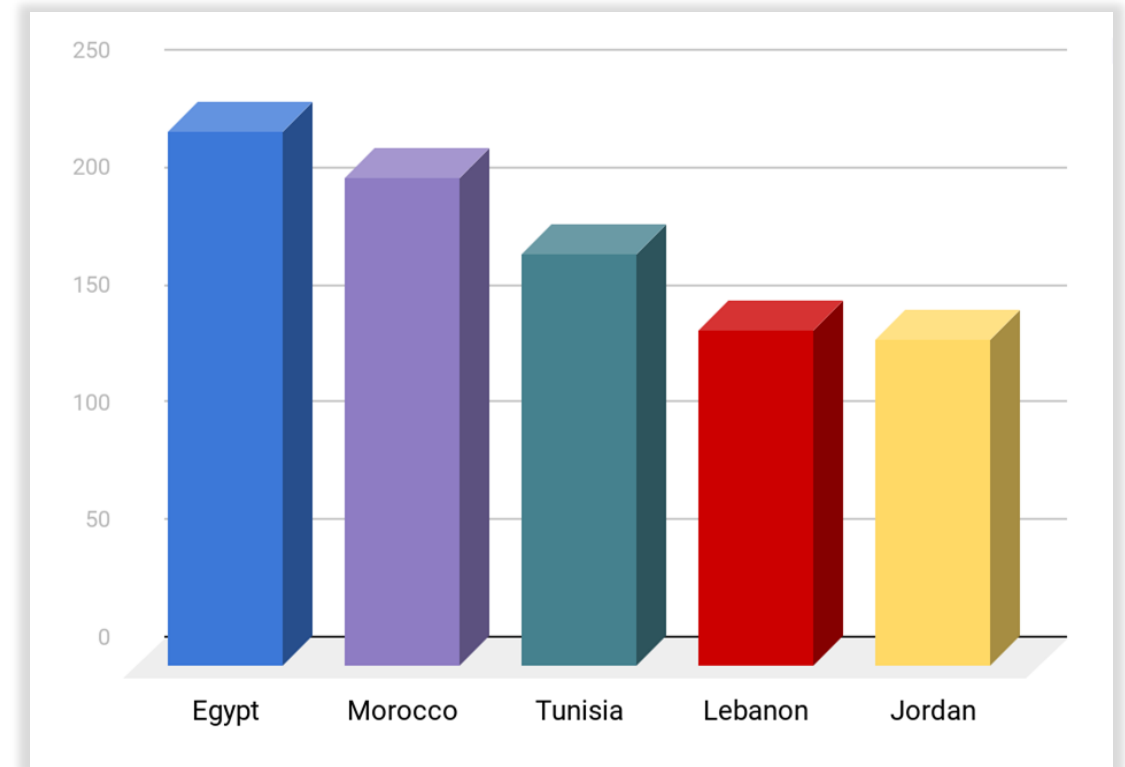
Event / Initiative

NGO/Public Institutions

International Cooperation

# 879

## DIGITAL ACTORS MAPPED



# COUNTRY OVERVIEW | LEBANON





## MAPPING RESULTS

Digital initiatives by the private sector

Startups movement-  
Central bank

Weak telecom infrastructure

Lacking national strategies

Innovation in software sector

E-government is a project in progress

Maharat Foundation: best media practices

Investment opportunities

Gaming, e-health, adtech

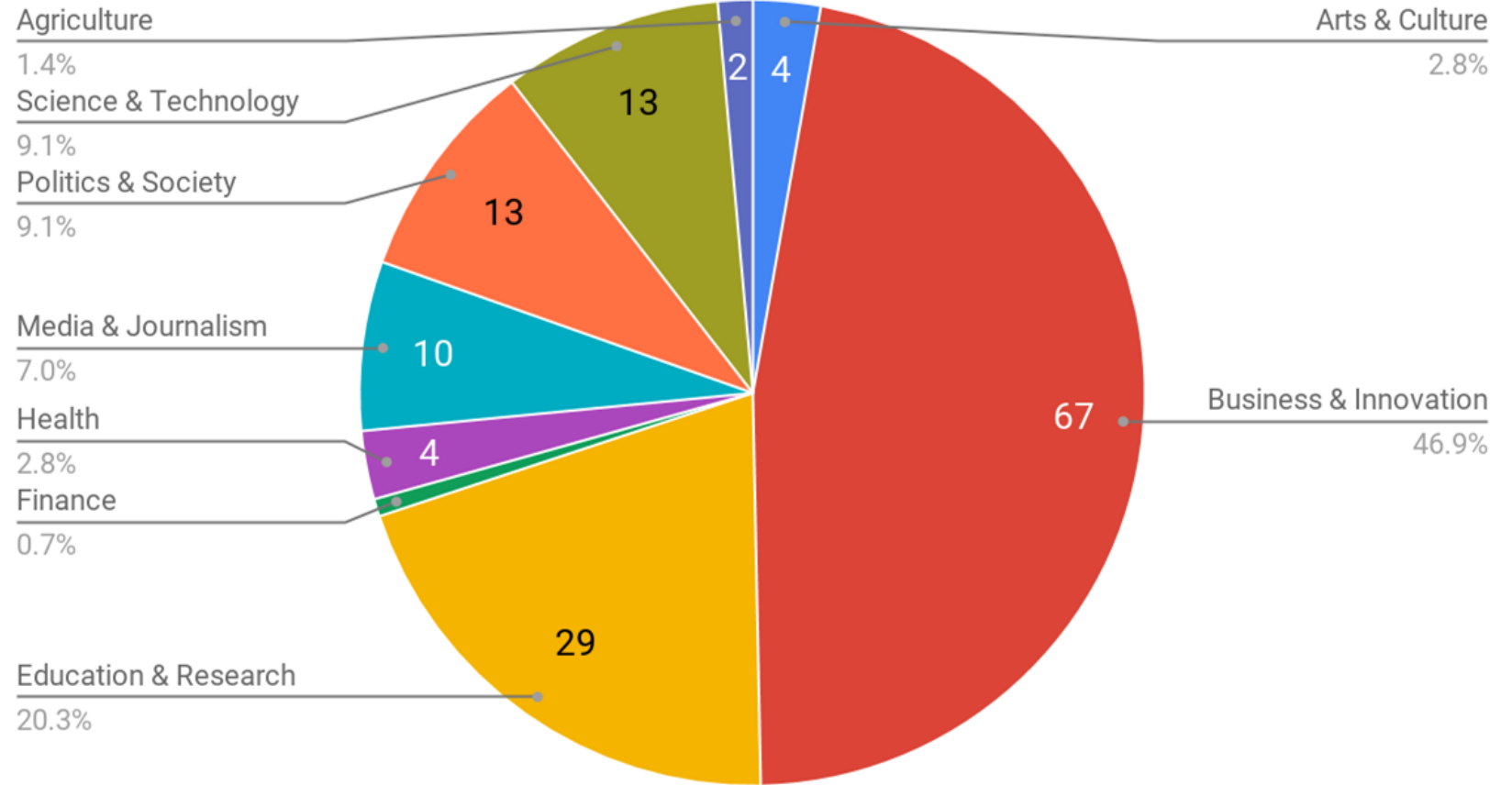
SaaS, media streaming, consumer internet

Financial & e-payment solutions





## Spheres Analysis

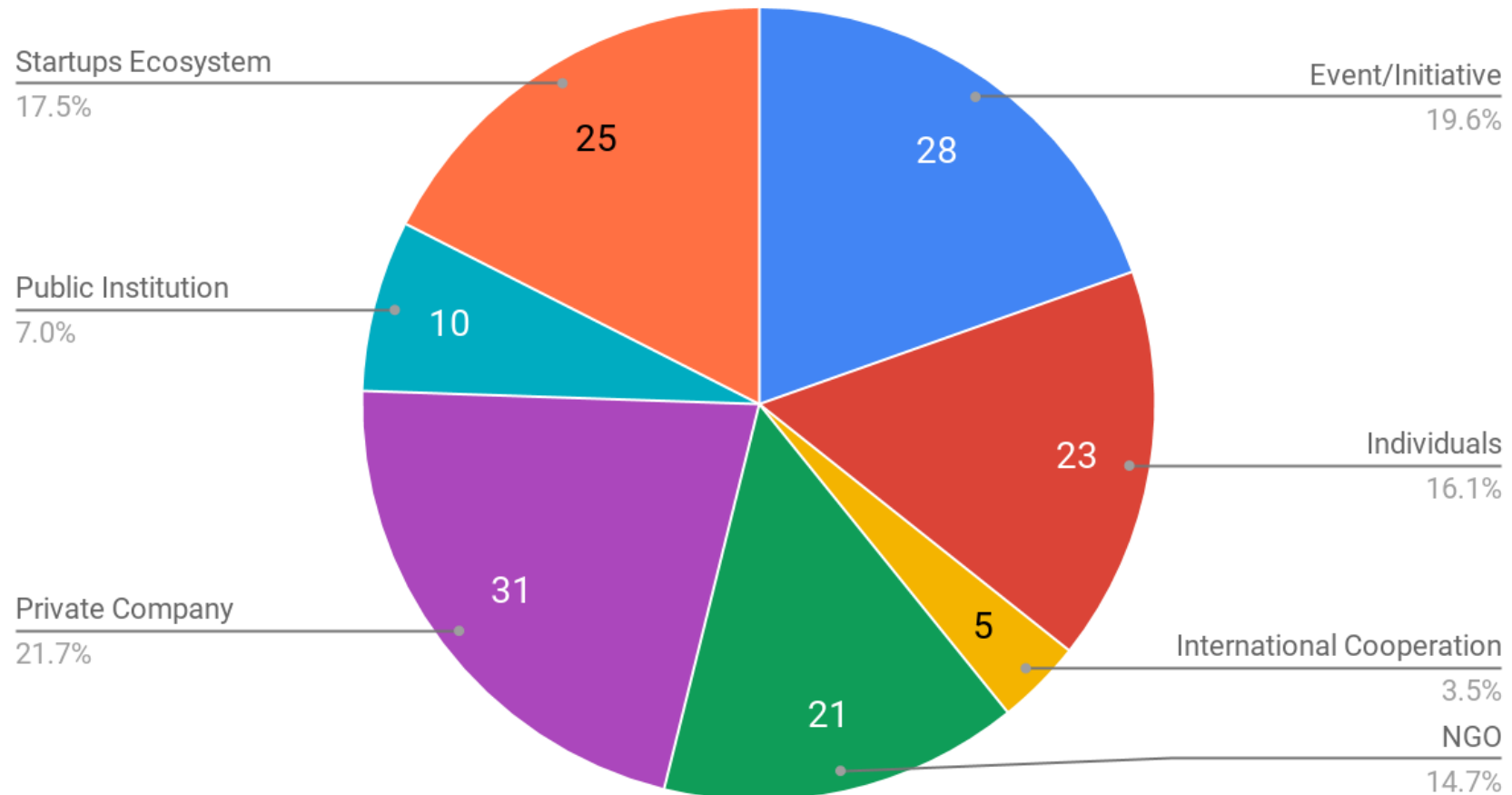


# 143

**DIGITAL ACTORS MAPPED  
IN LEBANON**



### Types Analysis



143

DIGITAL ACTORS MAPPED  
IN LEBANON



# COUNTRY OVERVIEW | JORDAN





## MAPPING RESULTS

Economic & political pressures limited resources

GDP growth at 2% with rising population

70 % of population under 30

Advanced education system

98 % literacy rate. Rank 1 in education in ME

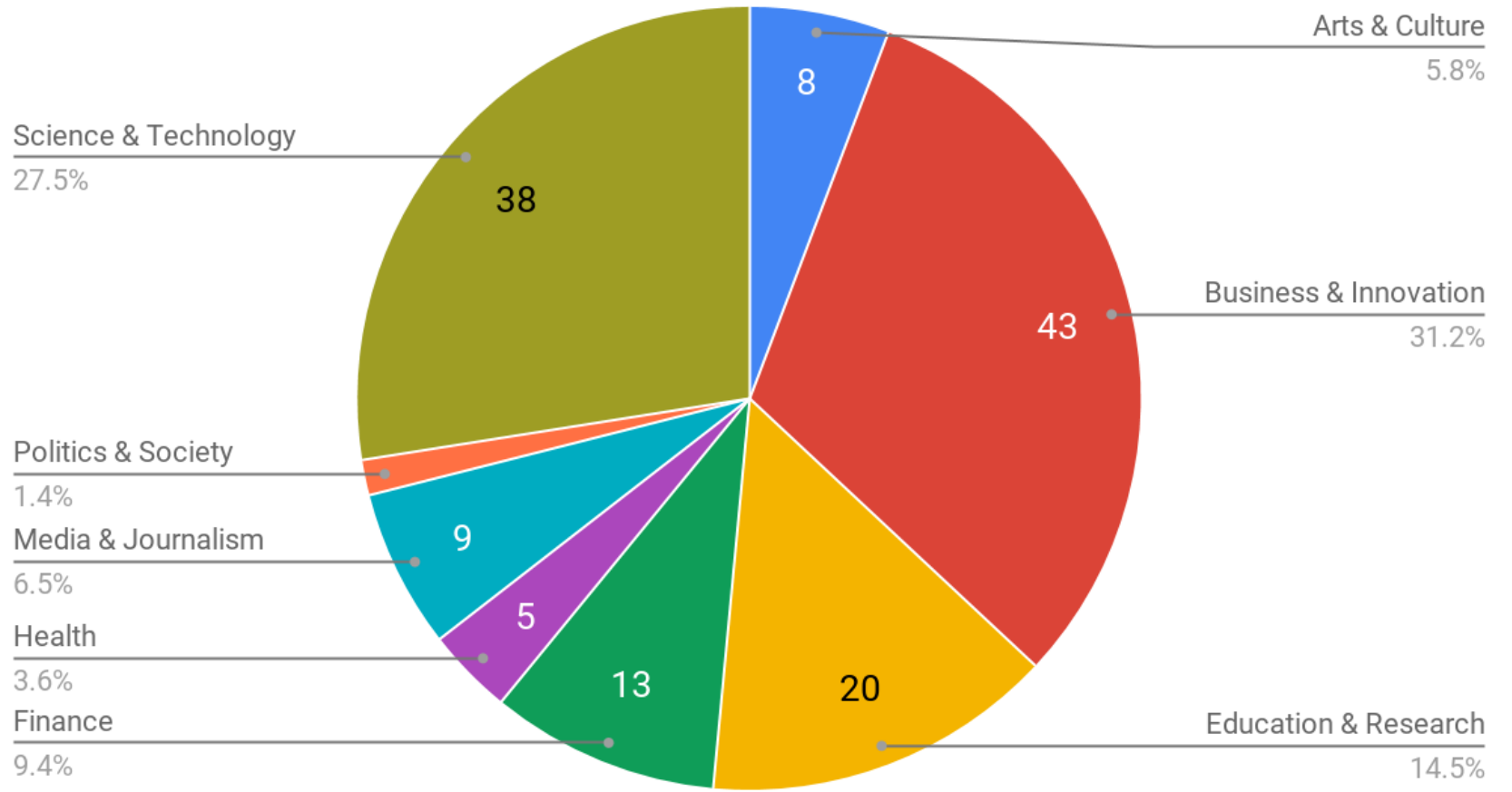
16.5% unemployment

Jordan 2025 strategy

Mandatory computer literacy



### Spheres Analysis



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DIGITAL ACTORS MAPPED  
IN LEBANON



### Types Analysis

Startups Ecosystem

9.4%

Public Institution

3.6%

Event/Intiative

5.1%

Individuals

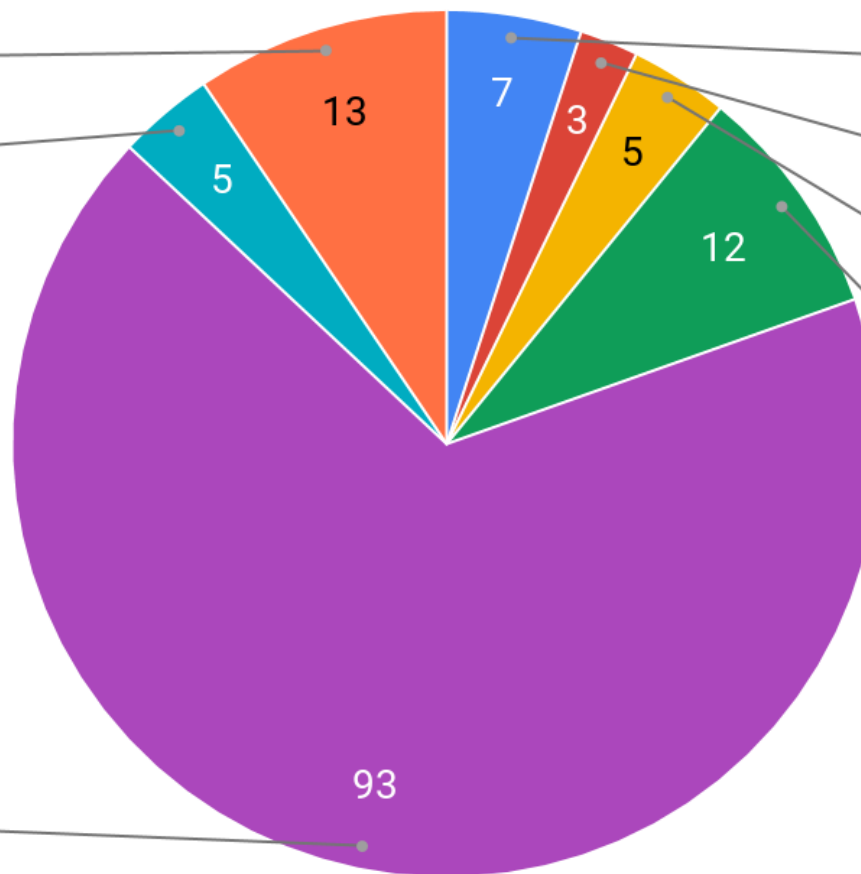
2.2%

International Cooperation

3.6%

NGO

8.7%



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DIGITAL ACTORS MAPPED  
IN LEBANON

# KEY COMPARISONS



# INTERNET PENETRATION IN %



91 %



89 %



68 %



63 %



50 %

# INTERNET PENETRATION IN MILLIONS



# NATIONAL STRATEGIES



Tunisie Digitale 2020  
Smart Gov 2020  
Government in implementer role (not collaborating with others)



Lebanon 2020  
Digital Telecom Vision  
Lacking national strategies for innovation



Egypt Vision 2030  
Egypt E-Commerce Strategy  
Missing ICT Strategy



Digital Maroc 2020  
Digital transformation strategy



Jordan 2025



# STARTUP SCENE



40th worldwide

- Tunisian Startup Act
- Tunisian Startups Platform
- TSIndex: 600 startups
- 4% of the investment deals in 2018 in MENA



49th worldwide

- Amman 10th best city to launch a tech startup in 2012
- Over 35% of MENA's internet entrepreneurs are Jordanians
- 8% of the investment deals in 2018 in MENA



59th worldwide

- growing and very promising ecosystem
- 10% of the investment deals in 2018 in MENA



65th worldwide

Not tech entrepreneurship friendly



76th worldwide

- growing and very promising ecosystem
- 22% of the investment deals in 2018 in MENA

# ICT IMPACT ON ECONOMY



USD 7 billion by 2025

5000 individuals employed

Among the most growing in the world

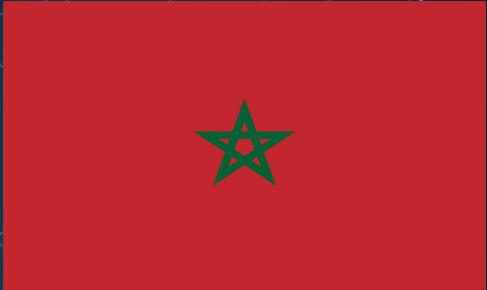


7.2% of GDP (\$2.8B of \$40B) and employs 80,000 (2016)



12% of GDP (\$4.8B of \$40B)

Investment volume in ICT enterprises is four times the average in ME



Offshoring & IT activities contribute \$500 million to the GDP

ICT at 2% of GDP

Employs 30,000



3% of GDP ~ \$7B (2018)

INFRASTRUCTURE

ENVIRONMENT

SKILLS

PEOPLE



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**YOUTH LEADERSHIP PROGRAM**

<b>Social Impact</b>	<b>Social Innovation</b>	<b>Business Startup</b>	<b>Scaling Impact</b>	<b>Project Management</b>
<b>Community Leadership</b>	<b>Facilitation</b>	<b>Gender Equality</b>	<b>Environmental Sustainability</b>	<b>Global Citizenship</b>
<b>Digital Innovation</b>	<b>Web Exploration</b>	<b>Web Participation</b>	<b>Web Creation</b>	<b>Connected Classrooms</b>
<b>Personal Empowerment</b>	<b>21st Century Skills</b>	<b>ICT Literacy</b>	<b>Financial Literacy</b>	<b>Career Management</b>



**PROGRAM  
INNOVATION**

**YOUTH TRACKS**

SKILLS

PEOPLE

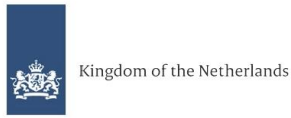
STARTING SKILL LEVEL	Basic Literacy & Numeracy	Digitally Abled	Digitally Advanced	Social Entrepreneur
DOT CURRICULA	Digital & Media Literacy	Mobile Application Development	Microwork	Social Media
INTERNATIONAL CURRICULA	CISCO Introduction to Cyber Security	CISCO IT Essentials	CISCO NDG Linux Unhatched	CISCO Cyber Security Essentials
FINAL PATHWAYS	Employment	Self- Employment	Entrepreneurs hip	B.O.T.



# STRATEGIC MULTI-SECTORAL PARTNERSHIPS

SKILLS

PEOPLE



## Bekaa



- Taalabaya public school
- Sawiri School
- Malala 1
- Malala 2

## Beirut And Mount Lebanon



- Anout public school
- Hammana public school
- Mtein public school

## North



## South



CREATE AWARENESS



DEVELOP SKILLS



DRIVE CHANGE



# Bridging the Gender Digital Divide

SKILLS

PEOPLE

Girls  
got IT  
Exploring Engineering  
and Technology

LEBANON

3,149 Girls

175 Schools

75 Workshop Partner

CREATE YOUR  
OPPORTUNITY



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OFFICIAL PARTNERS

DOT sits on the EQUALS Steering Committee. The Digital Ambassador Program, designed and implemented in Rwanda by DOT, is EQUALS' flagship initiative.

DAP brings together governments, the private sector, and civil society to empower marginalized communities with digital skills at scale, following DOT's youth-led model.



# THE RESULTS IN NUMBERS



LAST YEAR, DOT PROGRAMS HAVE RESULTED IN

OVER **5,800** NEW BUSINESSES

**MORE THAN HALF** OF THEM RUN BY **WOMEN**



85%

FEEL EMPOWERED TO  
**IDENTIFY OPPORTUNITIES**  
IN THEIR COMMUNITIES  
THAT THEY **PREVIOUSLY DID NOT BELIEVE EXISTED**



70%

**LAUNCH AN INNOVATION** THAT  
SOLVES A COMMUNITY PROBLEM  
OR **SCALE THE IMPACT** OF AN EXISTING INITIATIVE



65%

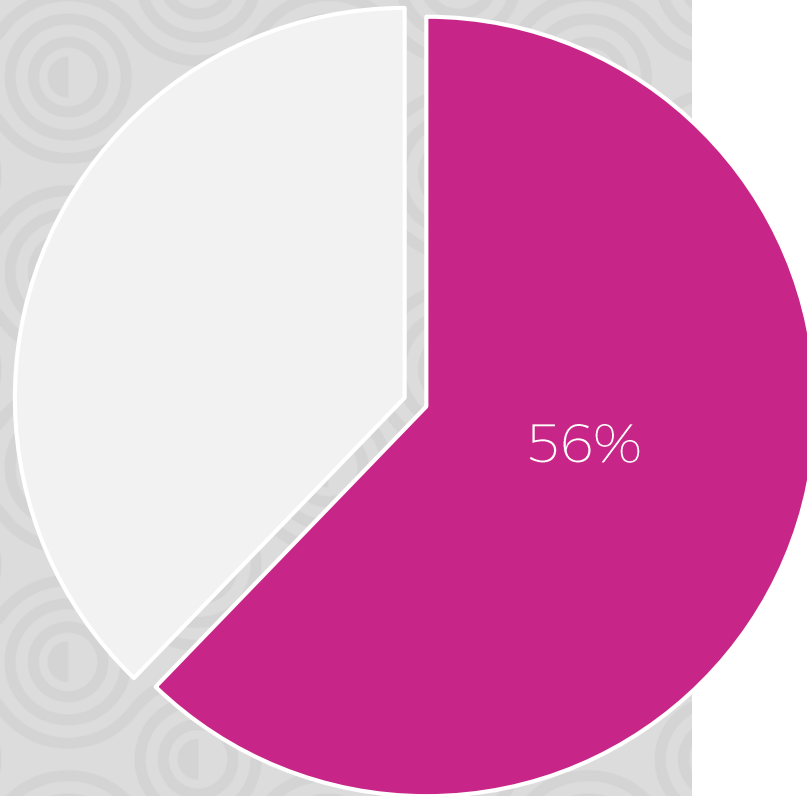
ARE MORE **INVOLVED**  
IN THEIR COMMUNITIES



70%

REPORT THAT THEIR  
**DAY-TO-DAY DECISIONS**  
HAVE BETTER RESULTS





**MORE THAN HALF**  
ARE MAKING CONTRIBUTIONS TO  
**PUBLIC POLICY DEBATES AND DISCUSSIONS**  
THAT CONCERN THEIR COMMUNITY



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