



DEPUTY MINISTRY OF  
RESEARCH, INNOVATION  
AND DIGITAL POLICY  
REPUBLIC OF CYPRUS



# Shaping our digital future

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Deputy Minister to the President

# Our Vision



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“ To build a knowledge-based, digital economy and society, supported by modern, efficient and reliable structures, and driven by research, innovation and technological advancement, as enablers of:



Economic growth and sustainability



Social welfare and prosperity



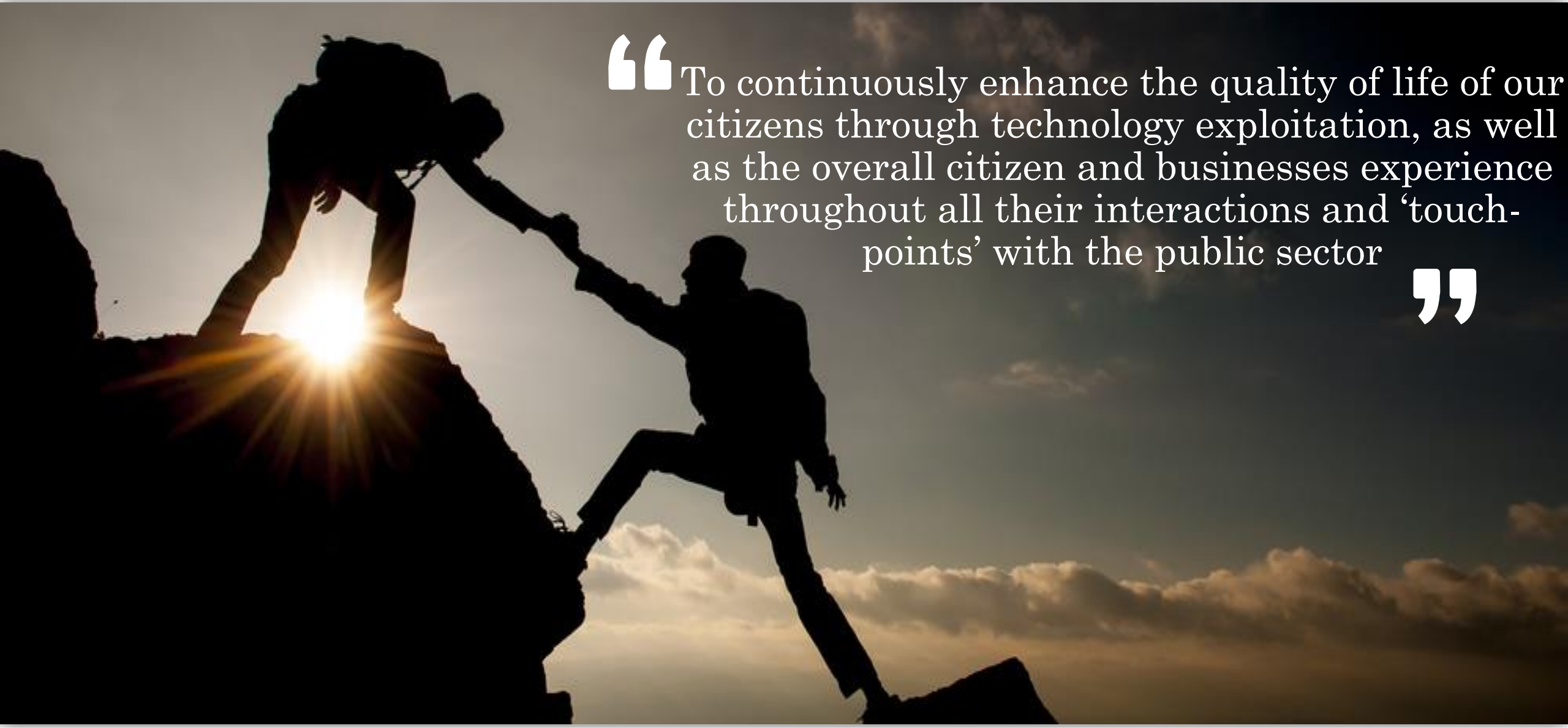
Enhanced competitiveness at global level



# Our Mission



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“To continuously enhance the quality of life of our citizens through technology exploitation, as well as the overall citizen and businesses experience throughout all their interactions and ‘touch-points’ with the public sector”

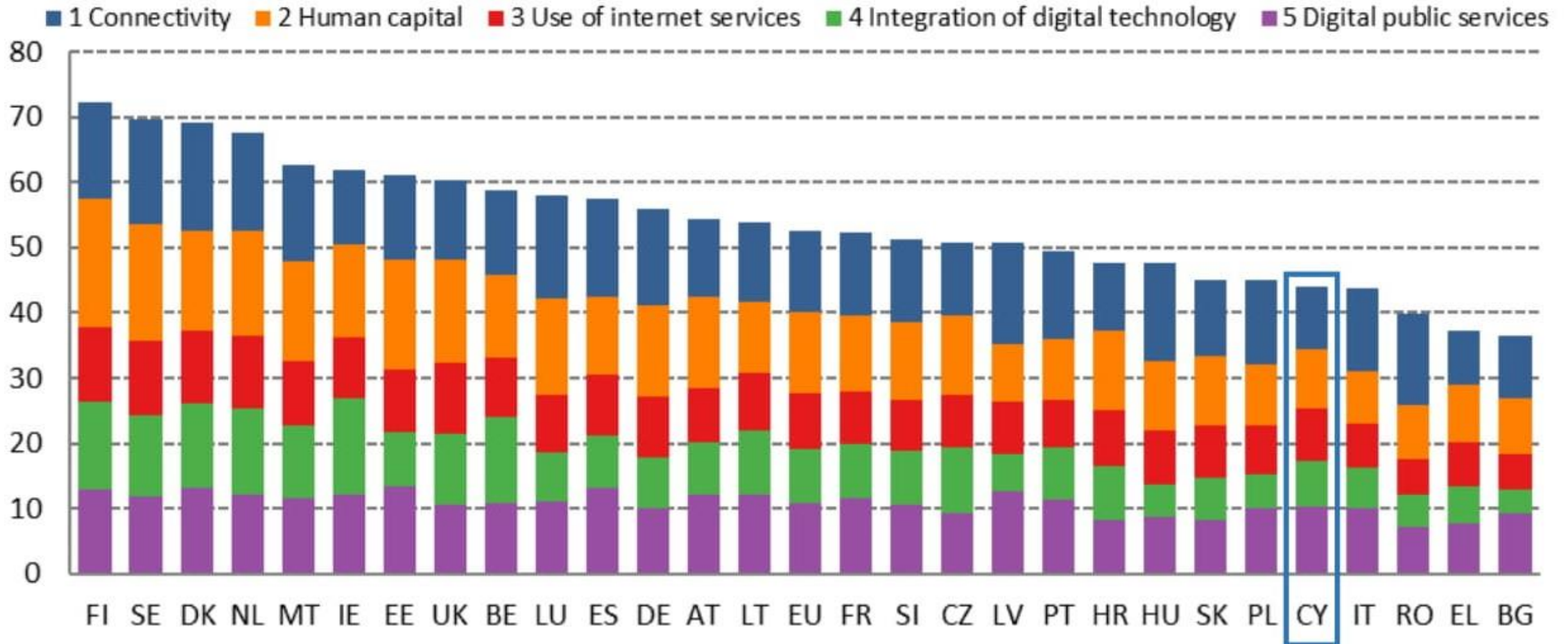


# DESI 2020



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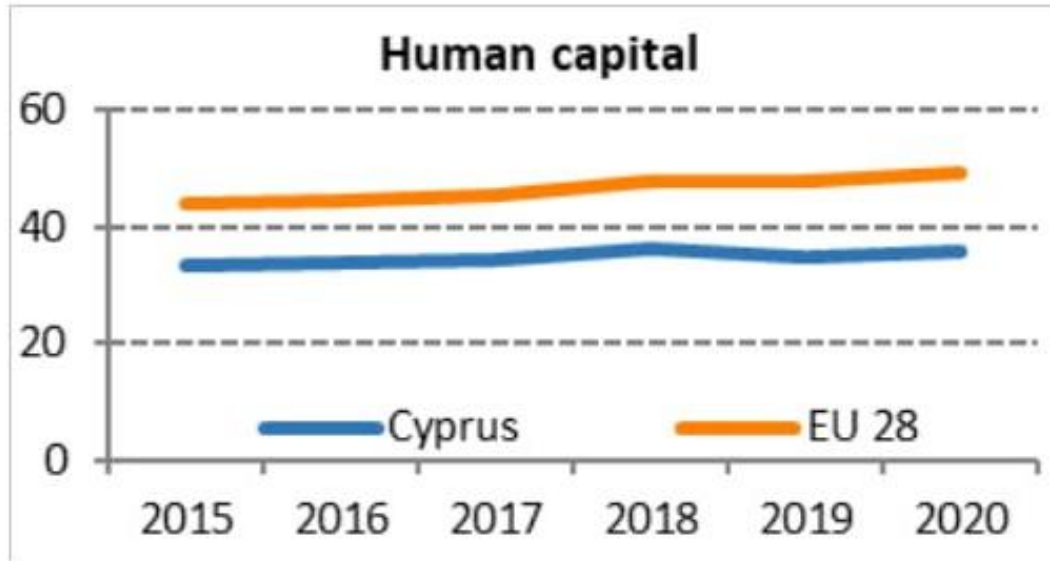
## Digital Economy and Society Index (DESI) 2020 ranking



# DESI 2020 – Human Capital



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2 Human capital	Cyprus		EU
	rank	score	score
<b>DESI 2020</b>	<b>23</b>	<b>35.8</b>	<b>49.3</b>
DESI 2019	24	34.6	47.9
DESI 2018	22	36.2	47.6

## 2a1 At least basic digital skills

% individuals

## 2a2 Above basic digital skills

% individuals

## 2a3 At least basic software skills

% individuals

## 2b1 ICT specialists

% total employment

## 2b2 Female ICT specialists

% female employment

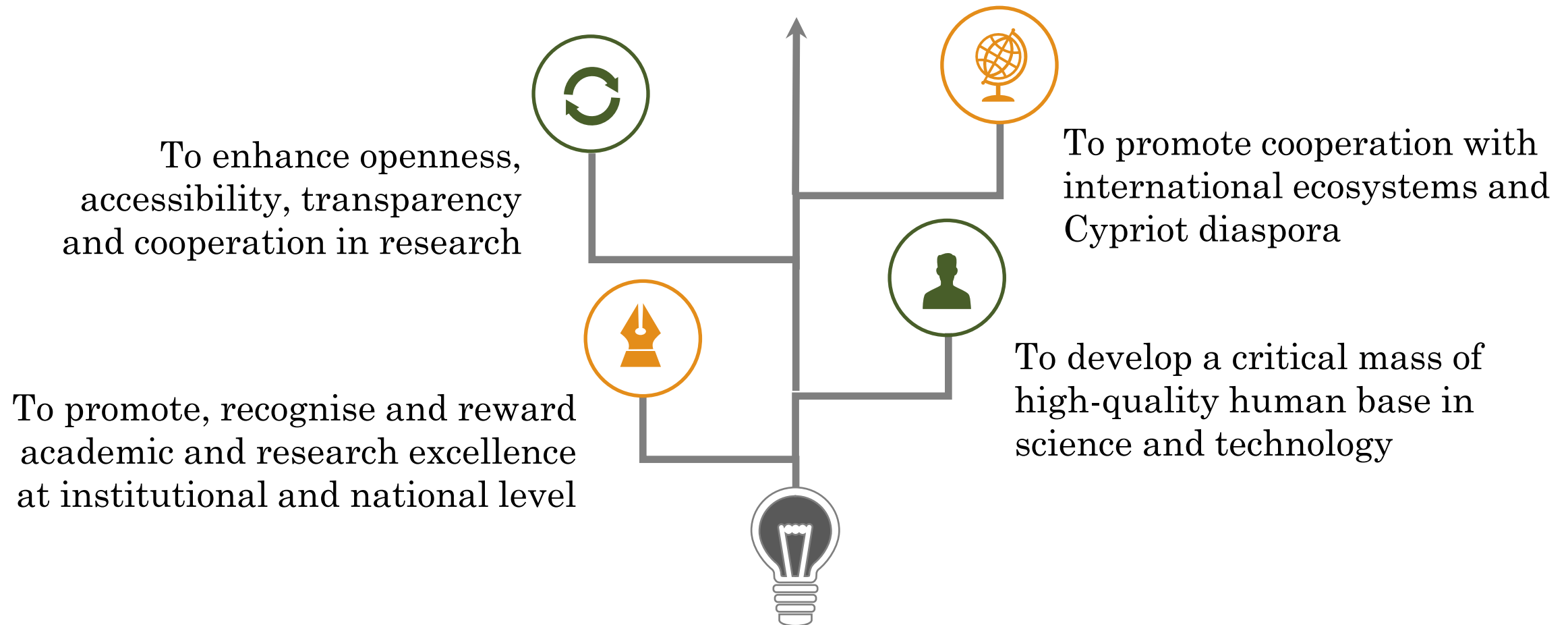
## 2b3 ICT graduates

% graduates

DESI 2018	Cyprus		EU	
	DESI 2019	DESI 2020	DESI 2020	DESI 2020
value	value	value	value	value
<b>50%</b>	<b>50%</b>	<b>45%</b>	<b>58%</b>	
2017	2017	2019	2019	
<b>19%</b>	<b>19%</b>	<b>25%</b>	<b>33%</b>	
2017	2017	2019	2019	
<b>54%</b>	<b>54%</b>	<b>46%</b>	<b>61%</b>	
2017	2017	2019	2019	
<b>2.2%</b>	<b>2.3%</b>	<b>2.7%</b>	<b>3.9%</b>	
2016	2017	2018	2018	
<b>0.9%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>1.4%</b>	
2016	2017	2018	2018	
<b>3.0%</b>	<b>2.4%</b>	<b>2.7%</b>	<b>3.6%</b>	
2015	2016	2017	2017	

# Research excellence

To shape a sustainable system of academic and research excellence, based on leading international institution standards



# Innovative entrepreneurship



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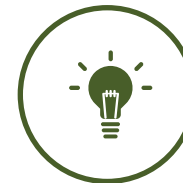
New financial instruments for promoting private investment in R&D, high-technology entrepreneurship and start-ups: Tax Incentives. Equity Fund etc.



RIF Programmes on exploitation of research through the establishment of spin-offs/ spin-outs by Universities, Research Institutions and Enterprises



Relevant funding programs:  
3 New Programmes by RIF  
(Pre-seed, Seed, Innovate)



Incentives for developing high-quality and sustainable support structures (business incubators, accelerators, co-working spaces), providing services to start-ups & high-tech innovative enterprises.



Facilitation (consulting, coaching and mentoring) to enhance innovation management capacity of start-ups and enterprises

# Digital Policy



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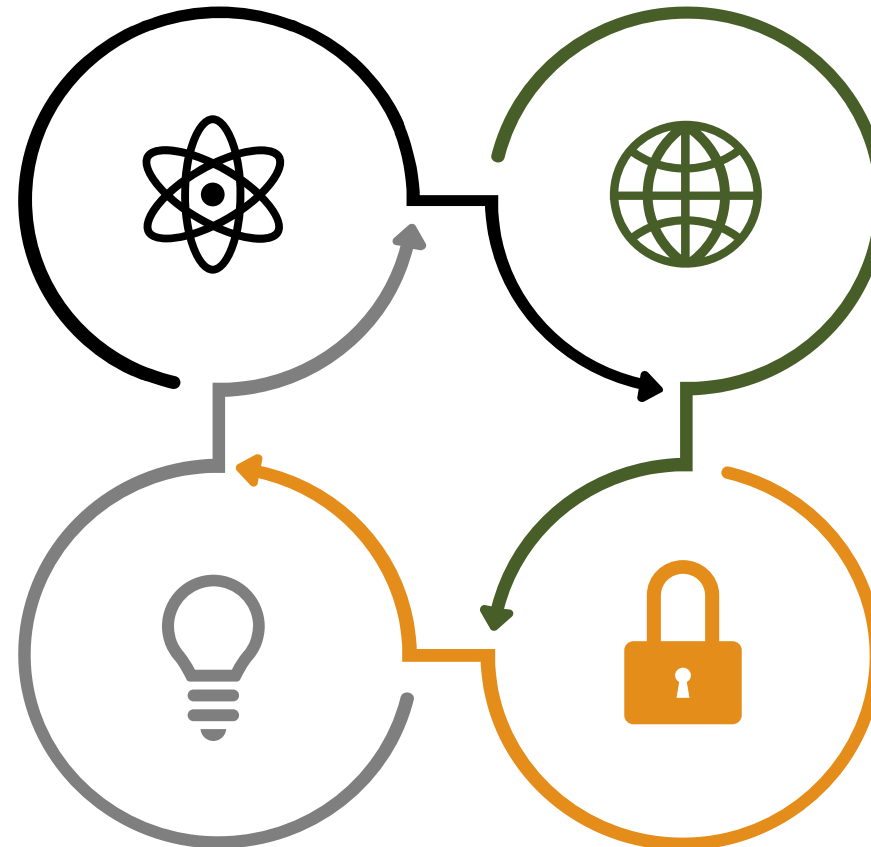
## eGovernment & Digital Public Services

Optimise public sector's internal operation & citizen service model

- Provide end-to-end, user friendly, quality digital services to citizens & businesses
- Development & usage of new technologies (eg. AI, Blockchain)
  - Public digital skills and corporate digital fitness
  - Support for integration of digital technology in businesses

## Electronic Communications

- National Broadband plan: High penetration of quality fibre-based broadband services, Rollout of 5G – services within 2021
- Satellite comms & space applications



**Enablers**

**Cybersecurity**

- High standards of Cyber security, business continuity and resilience



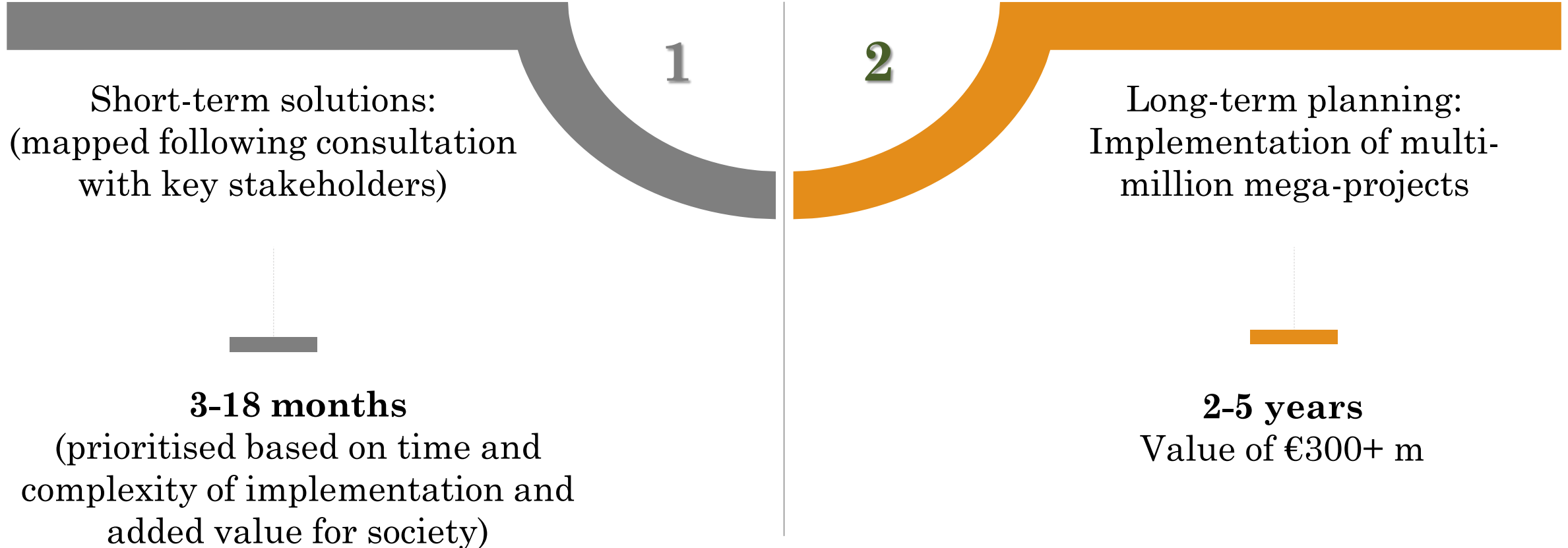
# Digital Roadmap



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- Towards a digitally fit and advanced Cyprus at the service of its citizens and businesses.

## Two-dimensions



# Roadmap (II)



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## Mid-long-term (a)

- Mega projects in key areas, eg. health, education, justice
- Upgrade of IT systems
- Optimisation of processes and procedures
- Ariadne portal



- Optimisation of gov's internal MO eg. Office automation system throughout the public sector, expansion of Gov Data Warehouse, Gov Data Center etc.

## Mid-long-term (b)



- eID
- Mini eJustice
- Digitisation of 160+ public services - Digital Services Factory

## Short-term



“

Our future growth  
relies on  
competitiveness and  
innovation, skills  
and productivity...



and these in turn  
rely on the  
education of our  
people....

”

*Julia Gillard*

# A continuous journey



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*Digital transformation is a dynamic, iterative process, aiming to create a system that can facilitate agile and swift response to a fast-changing environment.*

