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

Shaping our digital future

Kyriacos Kokkinos

Deputy Minister to the President

Our Vision

"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
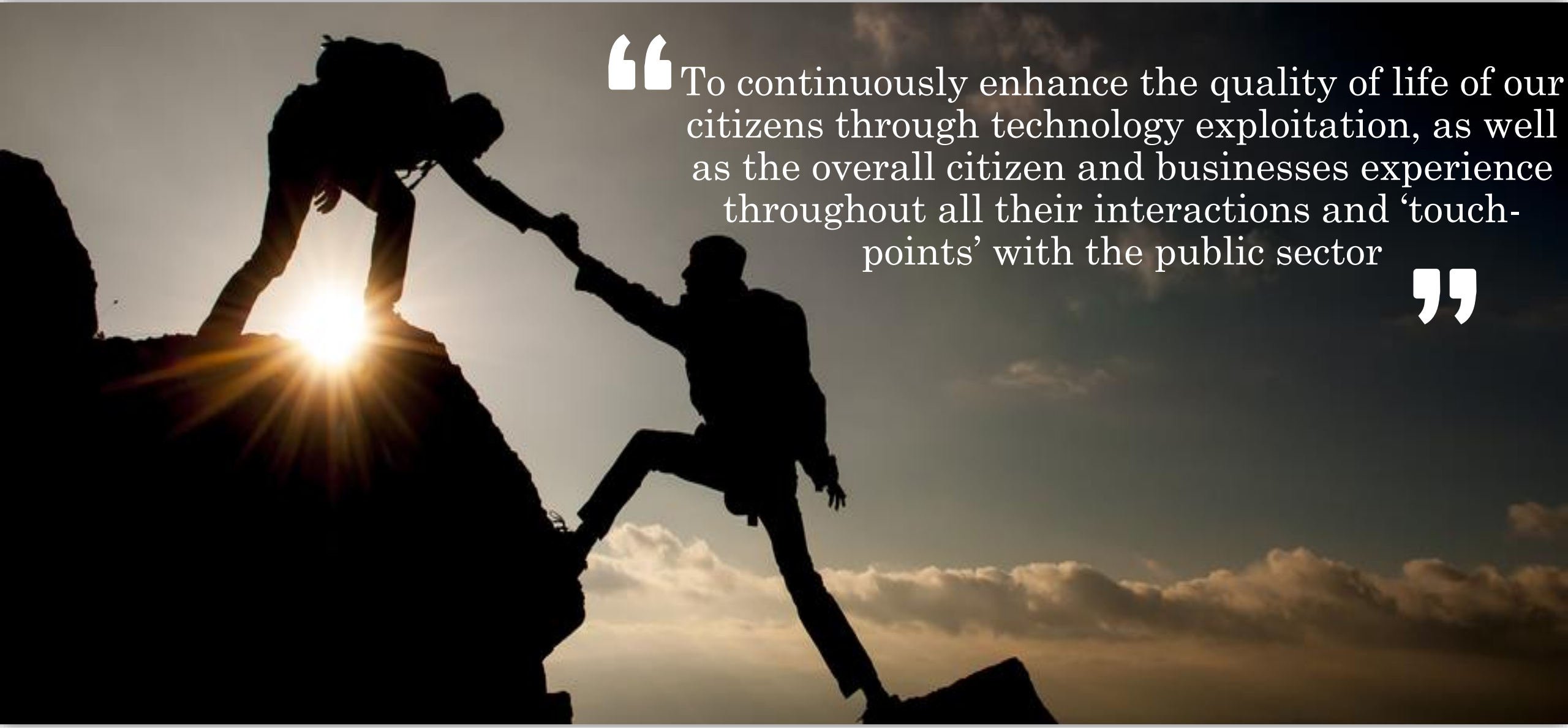
Social welfare and prosperity

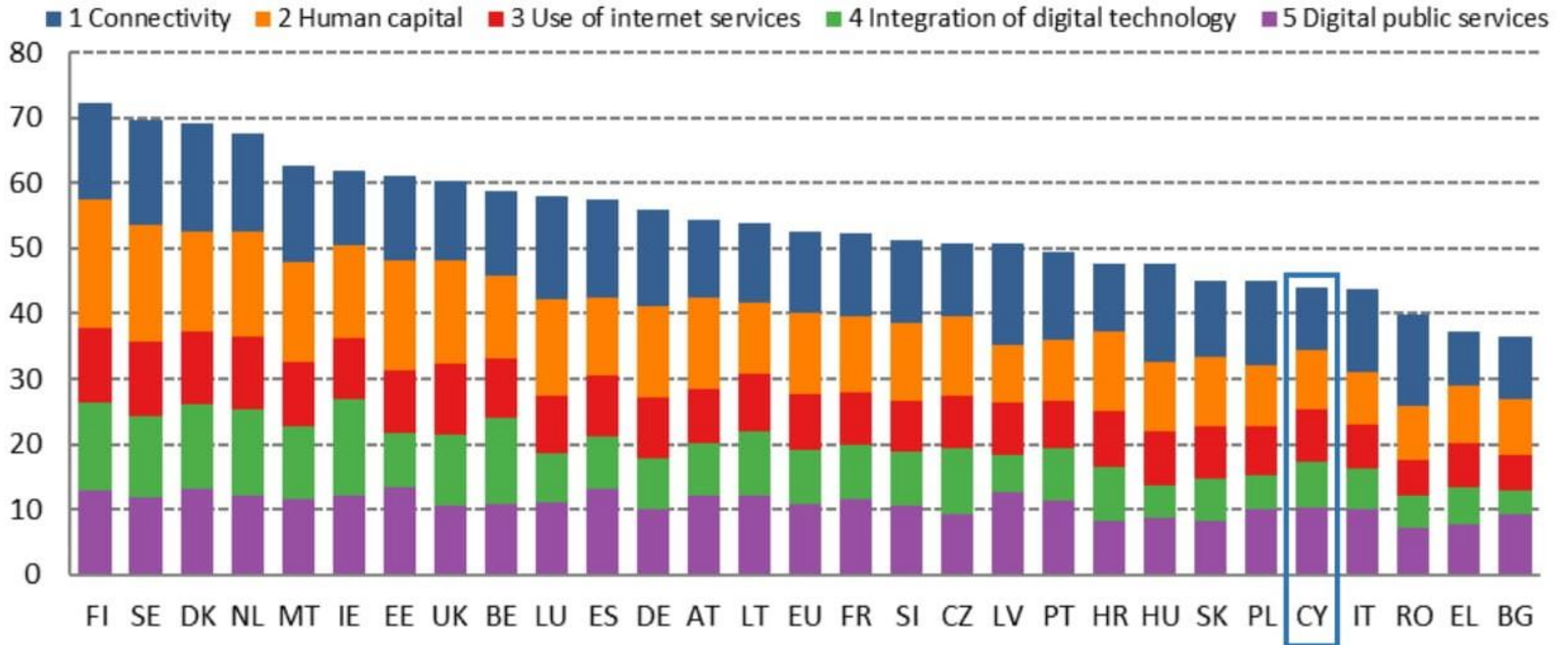Enhanced competitiveness at global level"

Our Mission

" 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

Digital Economy and Society Index (DESI) 2020 ranking

DESI 2020 – Human Capital

Human capital

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

	Cyprus			EU
	DESI 2018 value	DESI 2019 value	DESI 2020 value	DESI 2020 value
2a1 At least basic digital skills % individuals	50% 2017	50% 2017	45% 2019	58% 2019
2a2 Above basic digital skills % individuals	19% 2017	19% 2017	25% 2019	33% 2019
2a3 At least basic software skills % individuals	54% 2017	54% 2017	46% 2019	61% 2019
2b1 ICT specialists % total employment	2.2% 2016	2.3% 2017	2.7% 2018	3.9% 2018
2b2 Female ICT specialists % female employment	0.9% 2016	0.7% 2017	0.8% 2018	1.4% 2018
2b3 ICT graduates % graduates	3.0% 2015	2.4% 2016	2.7% 2017	3.6% 2017

Research excellence

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

To enhance openness, accessibility, transparency and cooperation in research

To promote cooperation with international ecosystems and Cypriot diaspora

To promote, recognise and reward academic and research excellence at institutional and national level

To develop a critical mass of high-quality human base in science and technology
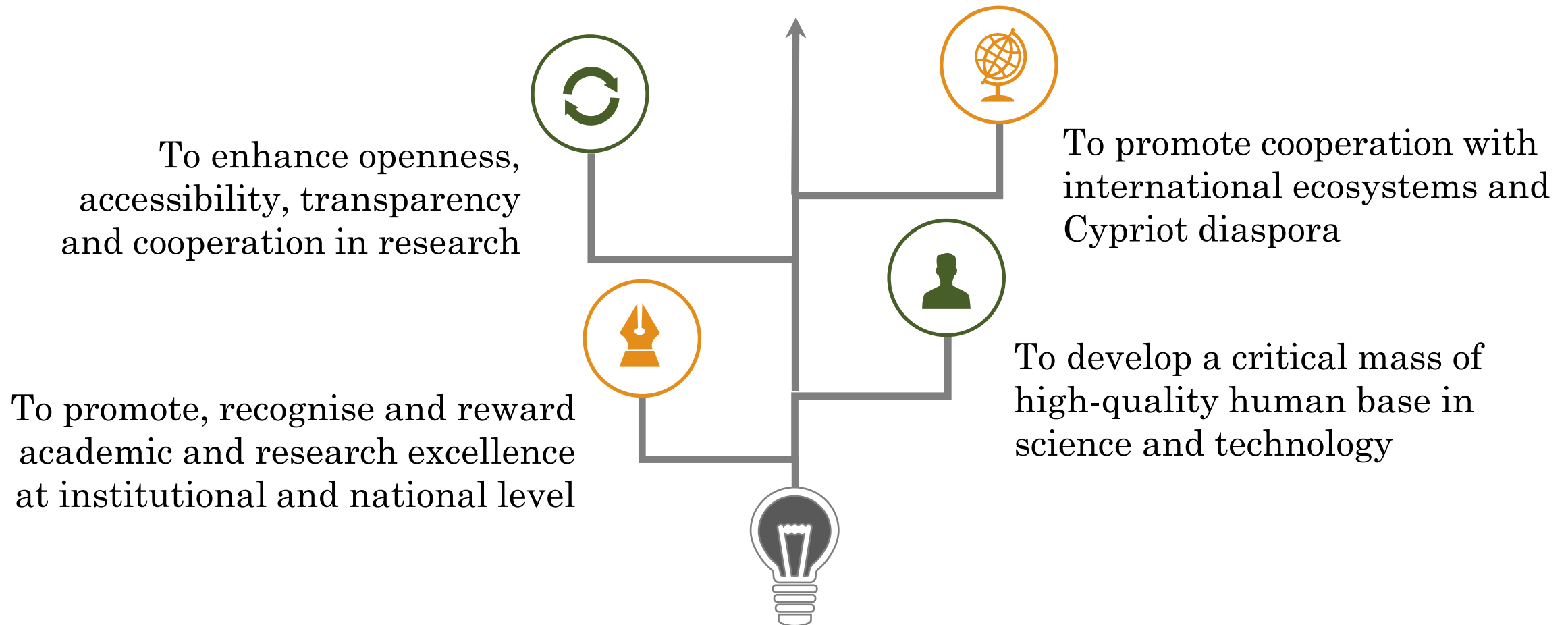
Innovative entrepreneurship

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
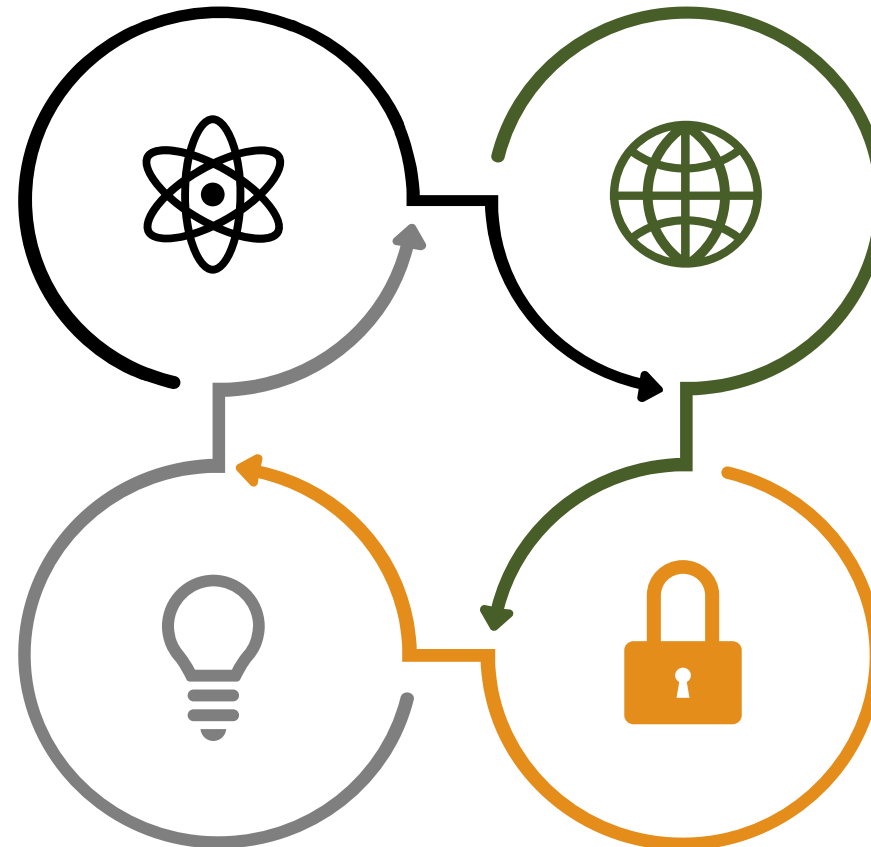
Digital Policy

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

- High standards of Cyber security, business continuity and resilience

Enablers

Cybersecurity
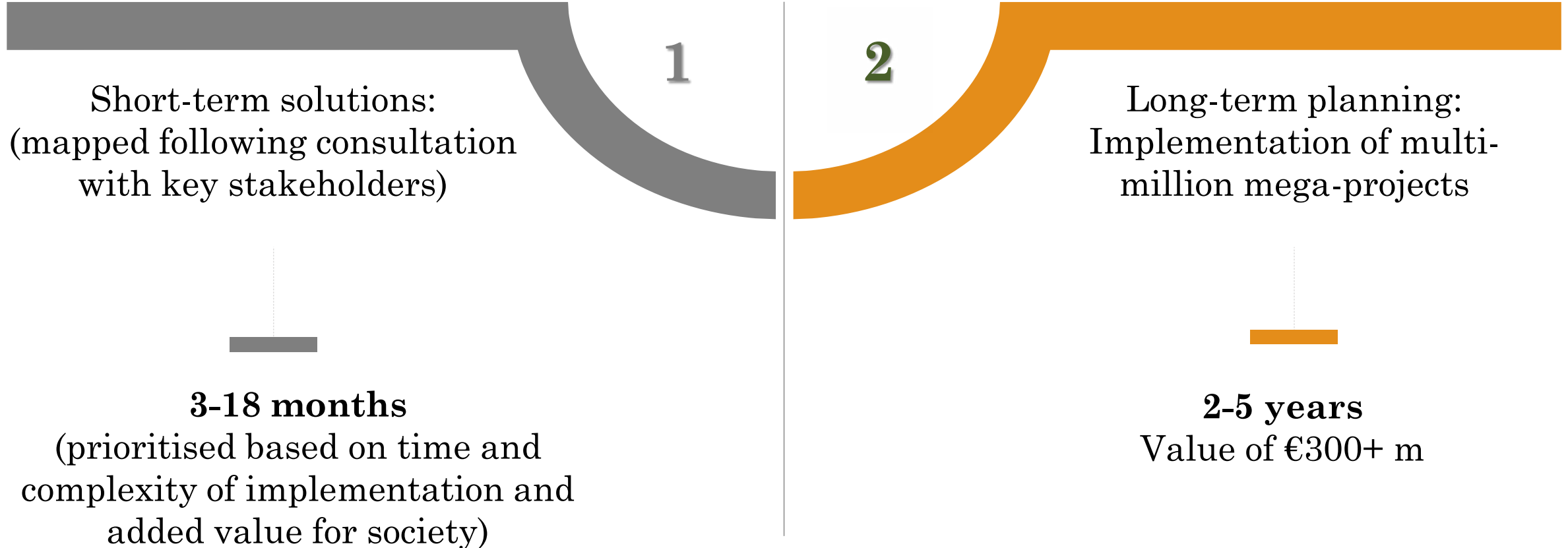
Digital Roadmap

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

Two-dimensions

1

2

Short-term solutions:
(mapped following consultation
with key stakeholders)

Long-term planning:
Implementation of multi-
million mega-projects

3-18 months
(prioritised based on time and
complexity of implementation and
added value for society)

2-5 years
Value of €300+ m

Roadmap (II)

Mid-long-term (a)

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

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

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

Short-term

Mid-long-term (b)

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

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