PORTUGAL INCoDe.2030

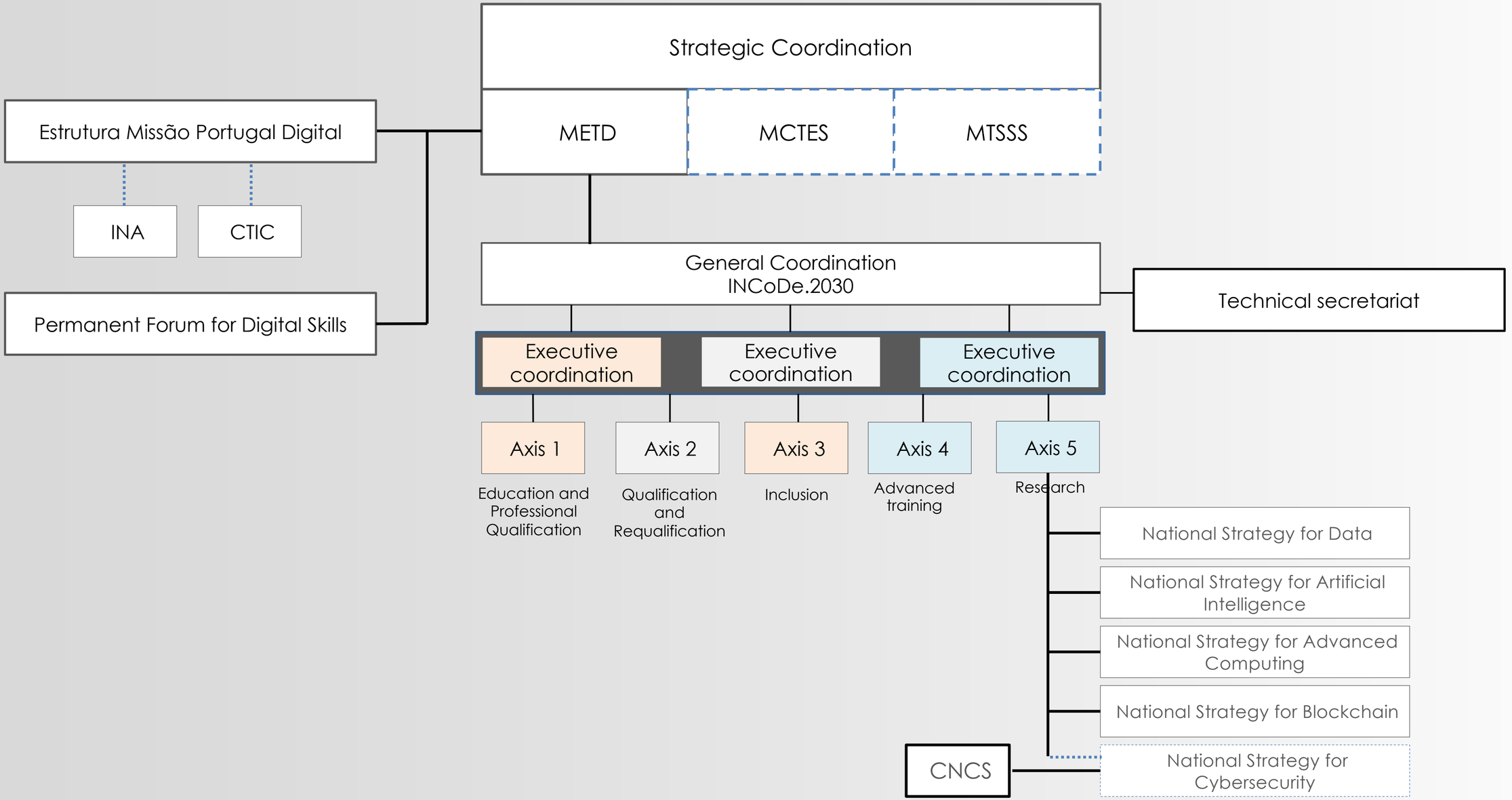
Mission

Develop digital skills in society, training Portuguese population from inclusion to production of new knowledge, through initiatives spread over 5 axes, with defined goals to be achieved by 2030

Responsible for monitoring the INCoDe.2030 together with public and private entities relevant to the implementation of the initiatives, ensuring transversally the promotion of gender equality, deconstructing stereotypes in the technological area and promoting equal opportunities

INCoDe.2030

Governance



INCoDe.2030

AXIS 1 — EDUCATION AND PROFESSIONAL QUALIFICATION

Training young people through the reinforcement of digital skills at all levels of qualification and modalities of education and training.

AXIS 2 — QUALIFICATION AND REQUALIFICATION

Professional training for adults, namely active people, endowing them with digital skills valued in integration and reintegration into the labor market and with a view to qualifying employment and creating greater value in the economy.

AXIS 3 — INCLUSION

Training and generalization to the entire population throughout the territory of access to digital technologies, for obtaining information, for communication and for accessing and using digital public and private services.

AXIS 4 — ADVANCED TRAINING

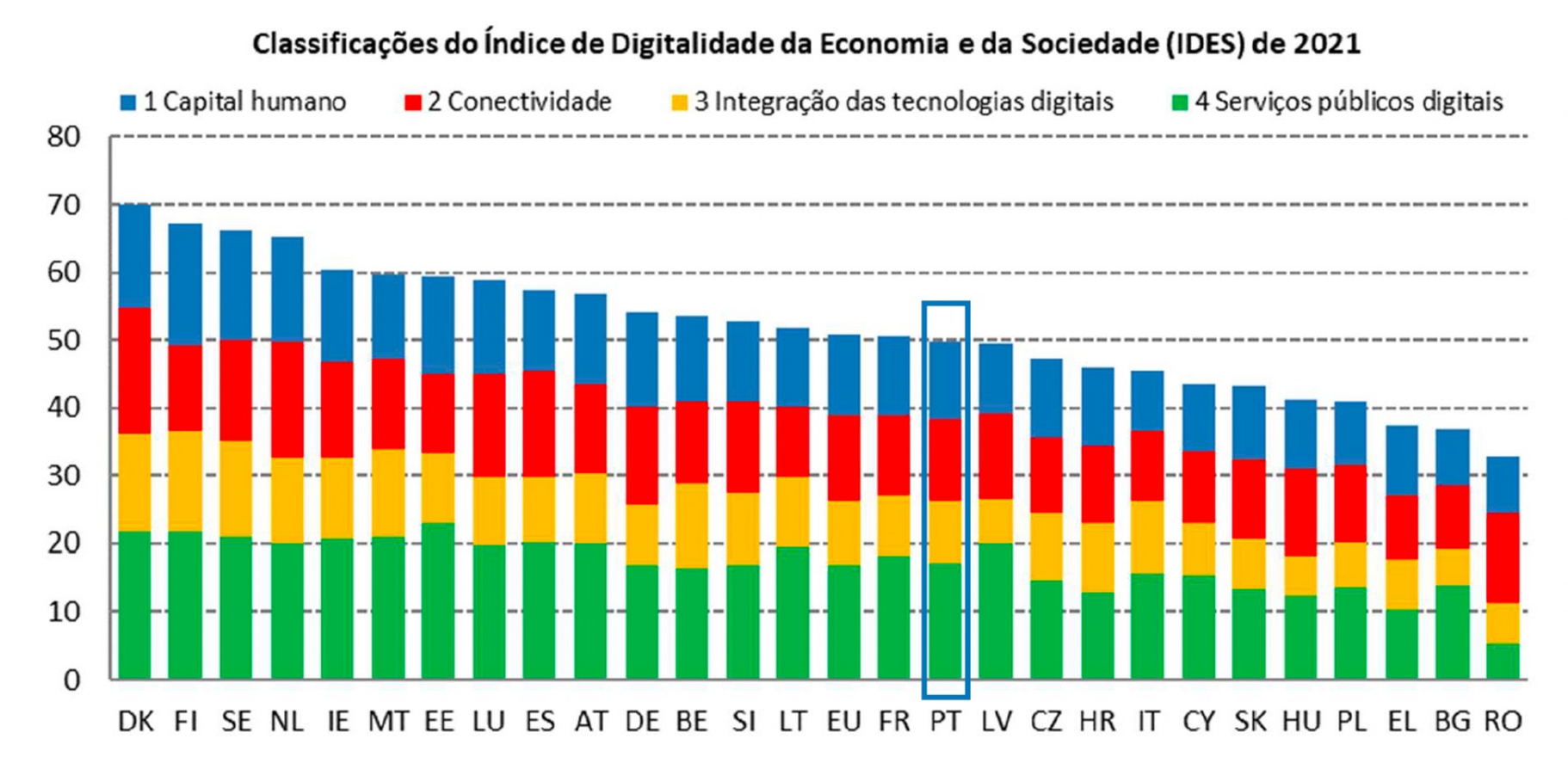
Promotion of higher-level training, reinforcing the offer of higher professional technical courses in this area, as well as graduate training and professional postgraduate.

AXIS 5 — RESEARCH

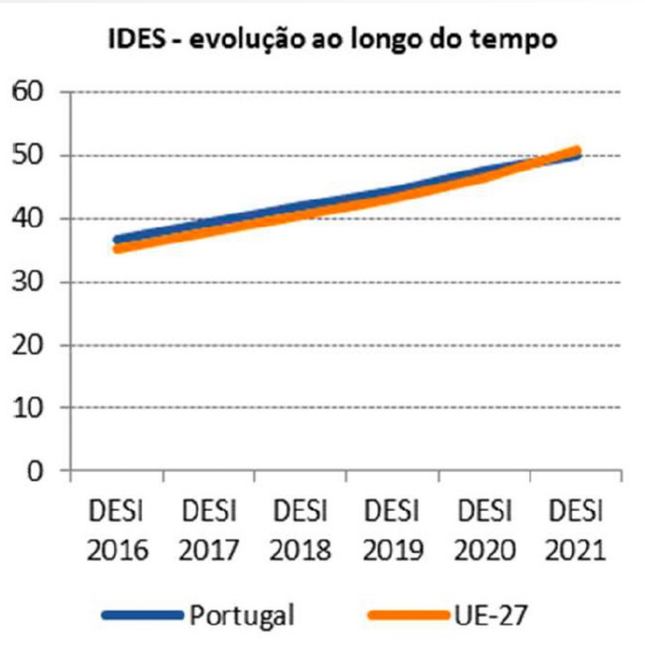
Guarantee of conditions for the production of new knowledge, namely in disruptive technologies and active participation in international I&D networks and programs.

Where we are

DESI 2021



	Portugal		UE
	classificação	pontuação	pontuação
IDES 2021	16	49,8	50,7



Source: DESI

INITIATIVES

To face the challenges, the Portugal INCoDe.2030 program proposes to carry out a wide range of activities aimed at mobilizing various government areas.

EDUCATION AND PROFESSIONAL QUALIFICATION

QUALIFICATION AND REQUALIFICATION

INCLUSION

ADVANCED TRAINING

RESEARCH & INNOVATION

PORTUGAL INCoDe.2030

INCoDe.2030

Promoted by INCoDe.2030

AXIS 1

EDUCATION AND PROFESSIONAL QUALIFICATION

- Digital School Program
- TUMO - Creative Technologies Centre
- Apps for Good
- UBBU – Code Academy

AXIS 2

QUALIFICATION AND REQUALIFICATION

- "Academia Portugal Digital" Platform
- "Emprego + Digital" Training Program
- "Jovem + Digital" Program
- "UPSkill" Program
- "Garantia Digital" Program
- "SHIFT2FUTURE" Program
- "Líder mais Digital" Program
- "AP Digital" Training Program (IEFP& Technological companies)

AXIS 3

INCLUSION

- "Eu Sou Digital" Program
- "Engenheiras por 1 dia" Program
- Digital Inclusion in Public Administration
- Digital Skills Passport

AXIS 4

ADVANCED TRAINING

- Cybersecurity Execelence Centres (7)
- "AP Digital " Program
- TIC Training for Public Adimistration
- Technological Academies (Higher Education Instituions & Technological companies)

AXIS 5

RESEARCH

- National Strategy for:
  - Advance Computing
  - Artificial Intelligence
  - Data (WiP)
  - Blockchain (WiP)
  - Cybersecurity
- International Partnerships
- Development of Co-creation Ecosystems (Public Administration / Higher Education / Research / Private organisations)
- Data & Artificial Intelligence Excellence Centre

Gender equality in ICT

Escola Digital

UPskill

EU SOU DIGITAL
PROGRAMA DE CAPACITAÇÃO DIGITAL DE ADULTOS

PROGRAMA "AP DIGITAL"

Literacia Digital para o Mercado de Trabalho

PEES

JOVEM MAIS DIGITAL

ACADEMIAS TECNOLÓGICAS INCoDe.2030

EMPREGO MAIS DIGITAL

ENGENHEIRAS POR 1 DIA
Para experimentar toda a vida

EN Cibersegurança

EN Inteligência Artificial

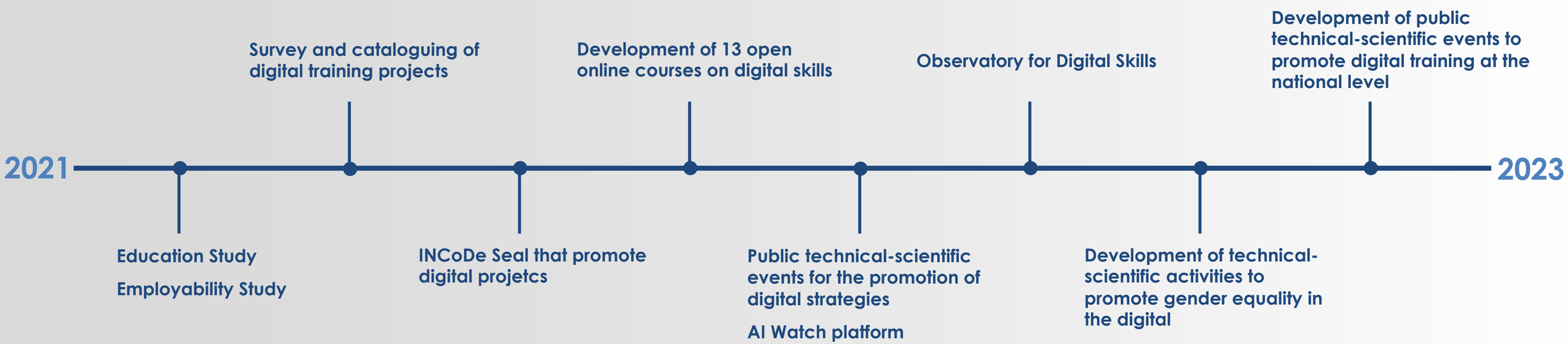
Plataforma Academia
PORTUGAL DIGITAL

ACADEMIA NACIONAL DE CIBERSEGURANÇA

Estratégia Nacional Dados

INITIATIVES

RoadMap INCoDe.2030 - Digital Empowerment



INITIATIVES

Impact

2021

- Universal distribution of **950.000** computers with mobile connectivity to students and teachers (K12)
- Increase the professional training of active people in the digital area, with the goal of reaching **200.000** people until 2025
- Increase the employability of young people, **15.000**, in digital areas through training adjusted to the market.
- Diagnose digital competences and align the training, online or in campus, accordingly to student's needs. Impact in **800.000** people until 2025
- Work with people who currently have no interaction with the online world, through actions managed by volunteers that will take place in close proximity. **1.000.000** people will be impacted.
- Promote, among non-higher education girl students, the option for engineering and technology, in order to deconstruct the idea that these areas are more aimed at male students. **15.000** girls will be impacted.
- Strengthening the digital skills of workers in public functions and accelerating the digital transformation of Public Administration. More than **65.000** workers will be impacted.
- Roadmap through **25** intercity. Impact in SME, research community, K12 and tertiary students, and citizens.
- Promote public policies based on evidence.

2023

Monitoring INCoDe.2030

Key Indicators

MONITORING

AXIS 1

EDUCATION AND PROFESSIONAL QUALIFICATION

Training young people through the reinforcement of digital skills at all levels of qualification and modalities of education and training.

Key Indicators

Average number of students per computer with internet connection (source: DGEEC)

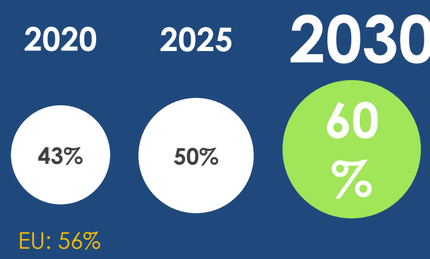
Individuals who have above basic overall digital skils - 16 to 19 years old (source: Eurostat)

MONITORING

AXIS 2 — **QUALIFICATION AND REQUALIFICATION**

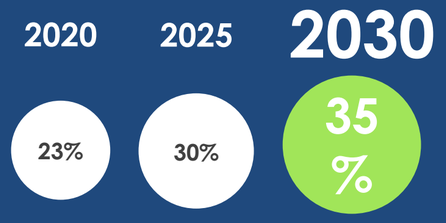
Professional training for adults, namely active people, endowing them with digital skills valued in integration and reintegration into the labor market and with a view to qualifying employment and creating greater value in the economy.

Key Indicators



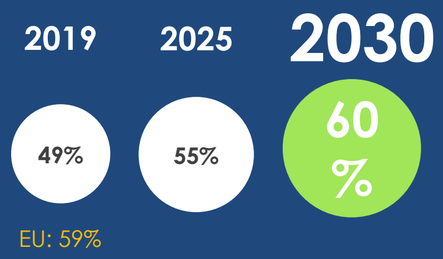
EU: 56%

Use of computers and the internet by employees (source: Eurostat);



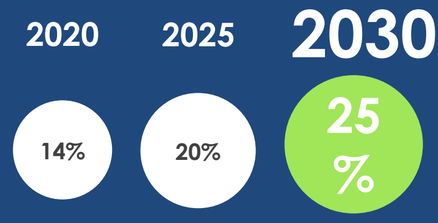
EU: 20%

Enterprises that provided training to develop/upgrade ICT skills of their personnel (source: Eurostat);



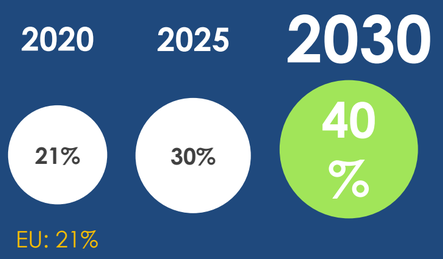
EU: 59%

Individuals with basic of software (source: Eurostat)



EU: 13%

Individuals that use Internet for doing online courses (source: Eurostat)



EU: 21%

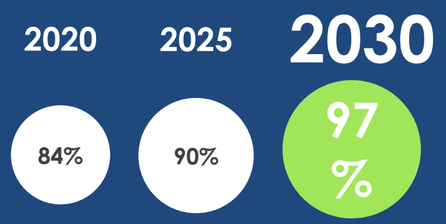
Enterprises with E-Commerce Sales – (source: Eurostat)

MONITORING

AXIS 3 **INCLUSION**

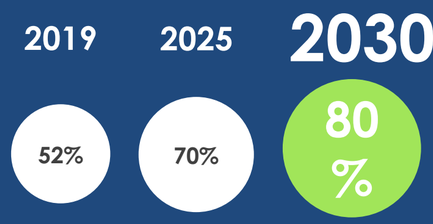
Training and generalization to the entire population throughout the territory of access to digital technologies, for obtaining information, for communication and for accessing and using digital public and private services.

Key Indicators



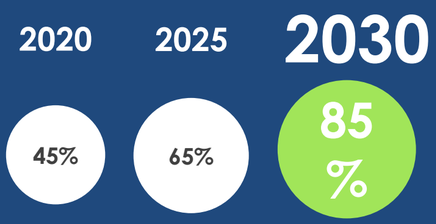
EU: 71%

Level of Internet access - households (source: Eurostat)



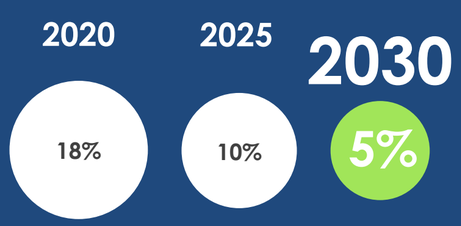
EU: 56%

Individuals who have basic or above basic overall digital skills (source: Eurostat)



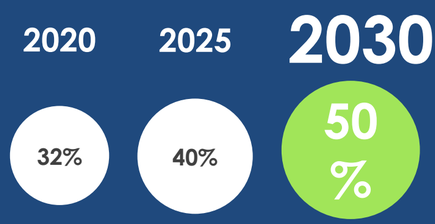
EU: .%

Individuals who used the internet for interaction with public authorities – last 12 months (source: Eurostat)



EU: 10%

Individuals that never used the Internet (source: Eurostat)



EU: 31%

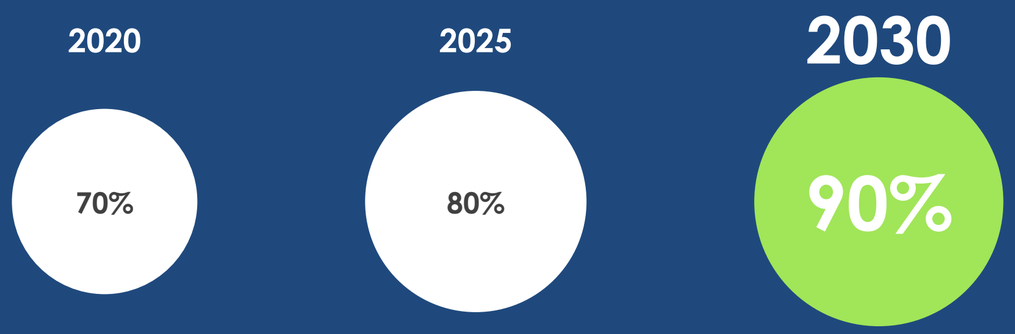
Individuals who have above basic overall digital skills (source: Eurostat)

MONITORING

AXIS 3 **INCLUSION**

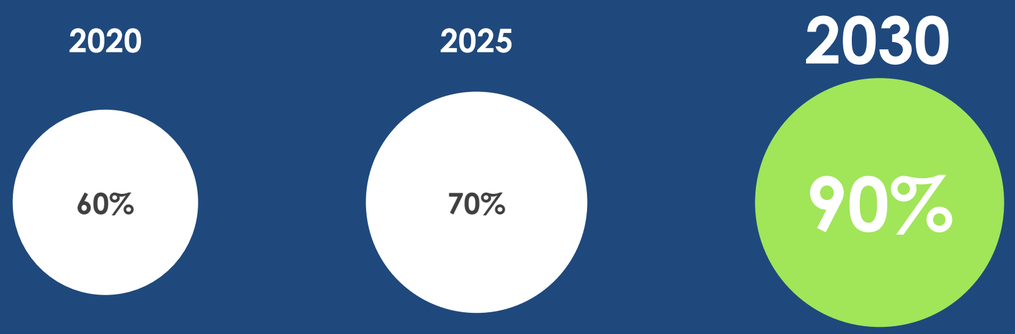
Training and generalization to the entire population throughout the territory of access to digital technologies, for obtaining information, for communication and for accessing and using digital public and private services.

Key Indicators



EU: 71%

Individuals that use Internet for Videocalls (source: Eurostat)



EU: 66%

Individuals that use Internet for home banking – last 3 months (source: Eurostat).

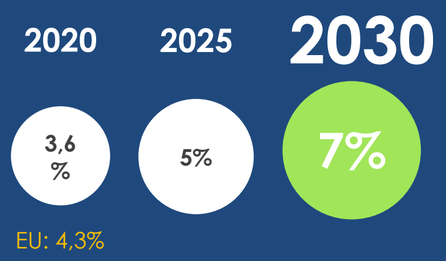
MONITORING

AXIS 4

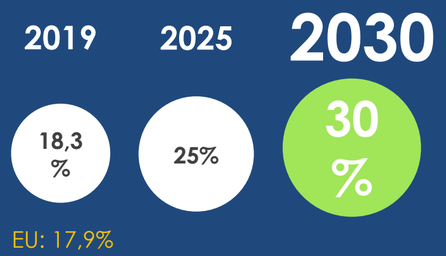
ADVANCED TRAINING

Promotion of higher-level training, reinforcing the offer of higher professional technical courses in this area, as well as graduate training and professional postgraduate.

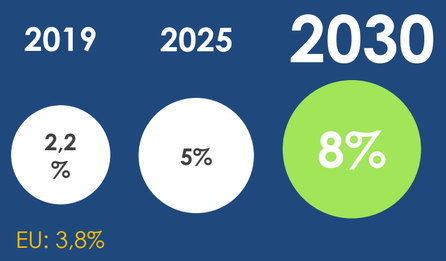
Key Indicators



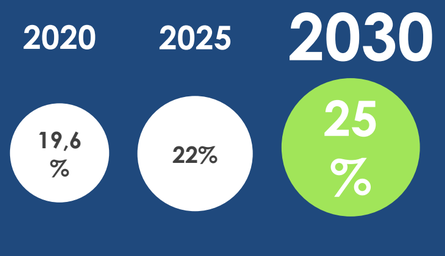
Employed ICT specialists
(source: Eurostat)



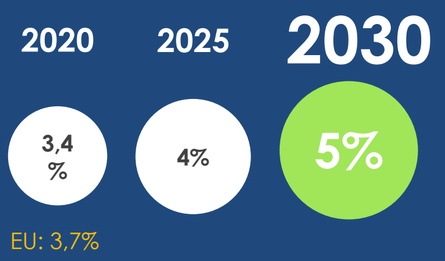
Women Employed ICT specialists
(source: Eurostat)



Tertiary education in ICT
(source: Eurostat)



Women in tertiary education in TIC



Doctoral or Equivalent Level in ICT
(source: Eurostat)

MONITORING

AXIS 5 **RESEARCH**

Guarantee of conditions for the production of new knowledge, namely in disruptive technologies and active participation in international I&D networks and programs.

Key Indicators

2019	2025	2030
1,4%	2%	2,5%
EU: .%		

Gross domestic expenditure on research and development (R&D) (source: Eurostat)

2019	2025	2030
0,74%	1,5%	2%
EU: 1.46%		

Research and development expenditure, by business sectors of performance (source: Eurostat)

MONITORING

https://observatorio.incode2030.gov.pt/

PORTUGAL INCoDe.2030

CONTACTOS

.PT
Rua Latino Coelho, nº 13, 5º piso
1050-132 Lisboa
Portugal

+351 21336464

geral@incode2030.pt