National digital competences initiative (Portugal INCoDe.2030)

POLICY DEVELOPMENT   STRATEGY/ACTION PLAN   PORTUGAL

Timeline

2016 **Pilot** 2017 **Pilot** 2018 **Implementation** 2019 **Implementation**
2020 **Implementation** 2021 **Implementation** 2022 **Implementation**
2023 **Implementation** 2024 **Implementation**

ID number 29278

Background

The National digital competences initiative e.2030, (Portugal INCoDe.2030) set a strategy for digital development in line with the National reform programme of the government and the industry 4.0: strategy for the digitalisation of the economy. After being piloted in 2016-17, it was launched in 2018.

Objectives

The government has established a set of goals such as promoting social inclusion, digital literacy and access to digital services for the entire population, with the following aims:

(a) to generalise digital access to exercise active citizenship and to promote inclusion in an increasingly dematerialised society, where many social interactions happen on the internet and are increasingly mediated by electronic devices;

(b) to promote employment, boost employability, professional training and specialisation in digital technologies and applications, to respond to increasing market demand and to promote qualified jobs in a higher value-added economy;

(c) to ensure strong participation in international research and development (R&D) networks and build knowledge in digital areas.

Description

INCoDe.2030 is an integrated inter-ministerial strategy bringing together and encouraging collaboration between people with different experiences and knowledge as well as multiple public and private organisations.

This initiative has five major priorities:

(a) inclusion: to reach the entire population and promote digital skills;

(b) education: to provide training to young people and reinforce digital skills at all levels of education and lifelong learning;

(c) qualification: to promote the professional training of the working population by

providing them with the necessary knowledge to be active in a labour market increasingly dependent on digital skills;

    (d) specialisation: to promote job qualification and create added value to the economy by reinforcing education offers such as higher professional technical programmes and other postgraduate courses;

    (e) research: to ensure the development of new knowledge and active participation in international R&D networks and programmes.

Each of these priorities is associated with a set of public policies, objectives and measures to be undertaken by several institutions and entities.

The government has announced that it will invest EUR 23 million until 2021 in the execution of INCoDe.2030 to increase the digital skills of the Portuguese people.

2016 Pilot

2017 Pilot

2018 Implementation

2019 Implementation

Implementation is continuing.

2020 Implementation

In 2020, the UPskill - digital skills and jobs programme was launched under the umbrella of the Portugal INCoDe.2030.

The programme Digital inclusion and literacy (PILD) launched by the municipality of Lisbon was considered European best practice for vulnerable populations, and it is expected to be promoted at a national level by Portugal INCoDe.2030. PILD makes easier the everyday use of technology, through practical and informal digital workshops so that everyone can have equal access and explore the creative and imaginative potential of the internet.

2021 Implementation

In 2021, the INCoDe Programme awarded the seal, 'an INCoDe.2030 action' to several initiatives. One of them is the ubbu-Learns to programme that aims to respond to the social problems of digital exclusion, school dropout, and youth unemployment, by training teachers and teaching science and programming to learners on the first and second cycles of basic education. The programme also funded ICT projects and promoted several webinars and other events as INCoDe talks.

2022 Implementation

This measure is part of the NIP under the package Green and digital transition.

The extension of the ICT curriculum to grade 4 took place in 2021/22 school year. Thus the implementation of the priority 'Providing young people with training and strengthening digital literacy at all levels of education and lifelong learning' in basic education, starting in grades 1, 5 and 7 in 2018/19, in grades 2, 6 and 8 in 2019/2020 and in grades 3 and 9 in 2020/2021, has been completed.

In 2022, the INCoDe Programme awarded the seal, 'an INCoDe.2030 action' to several initiatives. Examples of these could be the initiatives Digital literacy for the labour market, Digital transformation - from classroom to screen and International technology olympiad.

Other initiatives foreseen in INCoDe Programme, Portugal digital academy and More digital employment 2025 were launched in March 2022.

2023 Implementation

INCoDe.2030 carried out a survey to collect information on digital capacity-building initiatives at a national level. This survey aimed to centralise all the information related to training and digital training initiatives at the national level on the digital skills and jobs platform so that citizens, companies, central and local public administration, and the third sector could identify opportunities for training. The Aveiro region was the target of the pilot project, the results of the pilot showed :

(a) public, private and third-sector entities in the region are promoting more than 100 digital training initiatives;
(b) 59 of the initiatives are aiming at workers and 14 at companies;
(c) the initiatives are being focus on topics such as data protection, cybersecurity or programming language;
(d) the actions and training created are being, in most cases (78%), free of charge;
(e) among the 13 entities promoting these initiatives, there are 9 from the private sector and 4 from the public sector.

2024 Implementation

To evaluate the impact of the programme Digital Ramp (Rampa Digital) in 2024, a survey was conducted among the 14 550 participants who attended this digital training and literacy programme since its launch in 2022,with the following results:

(a) 91% of beneficiaries reported a significant increase in confidence in applying the new digital skills they had acquired.
(b) 95% of those surveyed rated the training as 'very useful and productive', highlighting the applicability of the content.
(c) 90% of participants said they were able to keep their jobs or maintain a stable income after the training.

Digital Ramp aimed at promoting the digital skills and literacy of citizens and supporting the digital transformation of companies. It is part of an action plan aimed at accelerating economic recovery through technology, digital tools, training and mentoring for small and medium-sized businesses, especially in regions marked by geographical asymmetry, and with a differentiated focus on women in vulnerable situations and young people with special needs.

Bodies responsible

- Ministry of Science, Technology and Higher Education (Until April 2024)
- Ministry of Economy and Digital Transition (until 2022)
- Ministry of State Modernisation and Public Administration (until 2022)
- Ministry of Education (Until April 2024)
- Ministry of Labour, Solidarity and Social Security (MTSSS)
- Ministry of Planning (until 2022)
- Ministry of Territorial Cohesion
- Secretary of State for Digitalisation and Administrative Modernisation (Until April 2024)
- Ministry of Education, Science and Innovation (MECI)
- Ministry of Youth and Modernisation

Target group

Learners

Young people (15-29 years old)
Adult learners
Older workers and employees (55 - 64 years old)

Education professionals

Teachers
Trainers
School leaders

Entities providing VET

Companies
Small and medium-sized enterprises (SMEs)
VET providers (all kinds)

Other stakeholders

Social partners (employer organisations and trade unions)

Thematic categories

Governance of VET and lifelong learning

Coordinating VET and other policies

Modernising VET offer and delivery

Acquiring key competences

Integrating digital skills and competences in VET curricula and programmes

Supporting lifelong learning culture and increasing participation

Providing for individuals' re- and upskilling needs

European priorities in VET

VET Recommendation

> VET agile in adapting to labour market
> challenges

> VET as a driver for innovation and growth preparing for digital and green transitions and occupations
> in high demand

Subsystem

IVET CVET

Further reading

Council of Ministers Resolution [Resolução do Conselho de Ministros] No 26/2018, of 8
March 2018

INCoDe.2030

UPskill - digital skills & jobs programme

More initiatives awarded with 'An INCoDe.2030 action' seal

Dynamic reference framework for digital competences [Quadro Dinâmico de Referência de
Competência Digital para Portugal]

National digital competences initiative (Portugal INCoDe.2030) Web page

Related policy developments

2024 **Implementation**

Portugal digital academy

This measure is part of INCODE.2030.

PORTUGAL

Type of development

Practical
measure/Initiative

Subsystem

IVET CVET

2024 **Implementation**

More digital employment 2025

More digital employment 2025 is a scheme providing free digital training for workers, managers and directors of companies, entities of the social economy and trainers.

PORTUGAL

Type of development

Practical
measure/Initiative

Subsystem

CVET

2024 **Implementation**

UPskill - digital skills and jobs programme

The UPskill programme is the result of a partnership between the Portuguese Association for the Development of Communications (APDC), the Institute of Employment and Vocational Training (IEFP) and the Coordinating Council of Higher Polytechnic Institutes (CCISP).

PORTUGAL

Type of development

Practical
measure/Initiative

Subsystem

CVET

`2024` **Implementation**

Action plan for the digital transition

The action plan for the digital transition has three main pillars. Each one comprises three sub-pillars:

PORTUGAL

Type of development

Strategy/Action
plan

Subsystem

IVET CVET

`2024` **Implementation**

Youth + Digital

In October 2020, the training programme Youth + Digital (*Jovem + Digital*) was launched under the responsibility of the Institute of Employment and Professional Training (IEFP).

PORTUGAL

Type of development

Practical
measure/Initiative

Subsystem

IVET CVET

`2024` **Implementation**

Dynamic reference framework for digital competences

In 2019, the Council of Ministers of Science, Technology and Higher Education, Education and Labour, Solidarity and Social Security decided that QDRCD should be developed.

PORTUGAL

Type of development

Practical
measure/Initiative

Subsystem

IVET CVET

❝ ••• ❞ **Cite as**

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