PORTUGAL
INCoDe.2030

CSTD 2017-2018 Intersessional Panel

Theme 2

Portuguese Initiative for Digital Competences e.2030
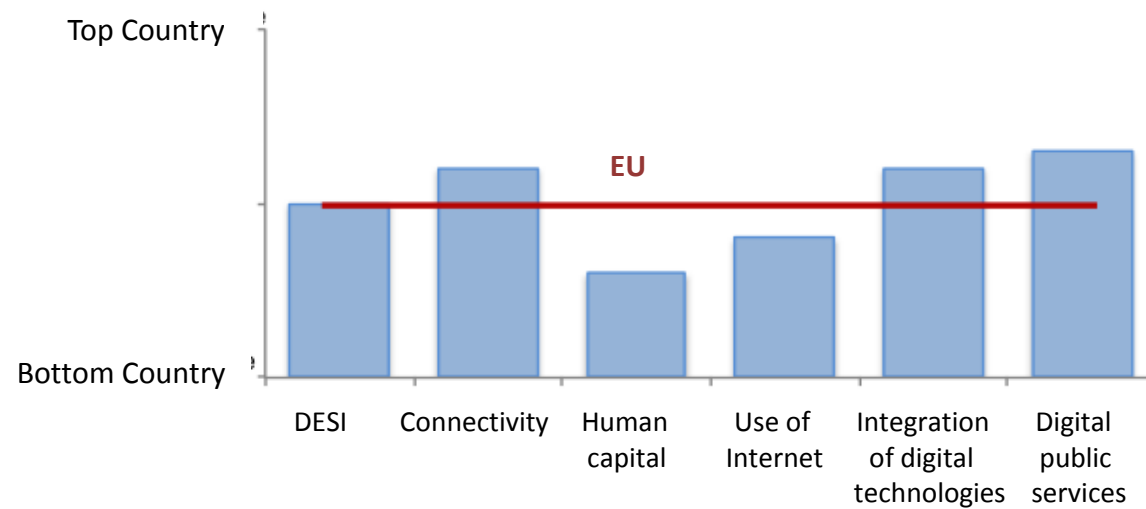
(*Iniciativa Nacional Competências Digitais e.2030*)

INCoDe.2030

7 november 2017

DESI 2017 Index–

PORTUGAL

INCoDe.2030: three main objectives:

‣ To guarantee the access to digital literacy and inclusion for the full exercise of citizenship and equal opportunities

‣ To stimulate specialisation in digital technologies and applications in order to qualify the jobs and foster an economy of larger added value

‣ To produce new knowledge in the context of international cooperation

The programme is structured in five axis

Target group

▶ **Inclusion**
To give access to digital technologies, to everyone, promoting competences to collect information, communicate and interact

▶ **Education**
To stimulate and reinforce digital literacy and competences in all study cycles

▶ **Qualification**
To qualify the working population with the required knowledge to be apt to a job market that strongly requires digital competences

▶ **Specialisation**
To promote the specialisation in digital technologies to qualify the jobs and increase the added value in economy and society

▶ **Research**
To assure the conditions to develop new knowledge in emerging technologies; to actively participate in international R&D programmes and networks

Context of the axis

Time scale

Target group

▶ Inclusion

Stimulate inclusion and digital literacy: **Short term**

Population with some form of exclution, more vulnerable with less opportunities and less prone to learning

▶ Education

Promote digital skills: **Medium-Long terms**

Population in the age and study context + teachers

▶ Qualification

Create employability conditions: **Short-Medium terms**

Unemployed and young adults that finished the secondary studies, professionals under reconversion or in life long traning

▶ Specialisation

Stimulate professional specialisation: **Medium Term**

Young adults attending higher education (Bachelor, post-graduate training in ICT, Master, Professional Master)

▶ Research

Stimulate R&D in emerging techn: **Short-Medium-Long tems**

R&D units and their researchers

Program development

▶ There is a main roadmap for the program with a large number of measures and actions to be developed

▶ In the first phase, we will start with a limited number of **flagship projects**, one in each axis

Axis 1
Inclusion

Axis 2
Education

Axis 3
Qualification

Axis 4
Specialisation

Axis 5
Research

FLAGSHIP PROJECTS

► Guarantee wireless wideband access in every borough and build intelligent communities, organising contents and training for digital inclusion with councils and local networks

| Axis 1 Inclusion | Axis 2 **Education** | Axis 3 Qualification | Axis 4 Specialisation | Axis 5 Research |

FLAGSHIP PROJECTS

▶ Guarantee wireless wideband access in every borough and build intelligent communities, organising contents and training for digital inclusion with councils and local networks

▶ Improve the effective access to wideband in all schools and introduce the teaching of ICT in all the learning levels

Axis 1	Axis 2	Axis 3	Axis 4	Axis 5
Inclusion	Education	Qualification	Specialisation	Research

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▶ Promote professional qualification of HR for industry, services and public administration and reconvert STEM and non-STEM degree holders to ICT professionals

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▶ Increase the number of students in higher education short degrees (2 years) and promote post-graduate training in ICT, in cooperation with industry and services

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▶ Increase the number of students in higher education short degrees (2 years) and promote post-graduate training in ICT, in cooperation with industry and services

▶ Expand the national network of advanced computing (iAC Net) and consolidate the international partnerships with some American Universities (MIT, CMU, UTA) as well as with IITs (Indian Institutes of Technology)

Program follow-up

▶ There are a set of long term indicators that will be monitored yearly

▶ Each year there will be an INCoDe Conference with government, industry and services, academia and civil society (including Youth associations) to evaluate progress, reconfigure measures and goals

Thank you very much!

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