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
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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**

- **Inclusion**: Population with some form of exclusion, more vulnerable with less opportunities and less prone to learning
- **Education**: Population in the age and study context + teachers
- **Qualification**: Unemployed and young adults that finished the secondary studies, professionals under reconversion or in life long training
- **Specialisation**: Young adults attending higher education (Bachelor, post-graduate training in ICT, Master, Professional Master)
- **Research**: R&D units and their researchers

**Time scale**

- Stimulate inclusion and digital literacy: **Short term**
- Stimulate professional specialisation: **Medium Term**
- Promote digital skills: **Medium-Long terms**
- Create employability conditions: **Short-Medium terms**
- Stimulate R&D in emerging techn: **Short-Medium-Long terms**
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.
### 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
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- Improve the effective access to wideband in all schools and introduce the teaching of ICT in all the learning levels.
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**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.

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

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

- 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.
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.

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

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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