



# Vocational Education and Training

## Addressing the Digital skills challenge

### European Digital Learning Network Annual conference

**19 October 2017, Brussels**

*Joao **SANTOS***

*Deputy Head of Unit*

*European Commission,*

*Directorate General for Employment, Social Affairs and Inclusion*

*Unit E3, Vocational training, Apprenticeships and Adult learning*

Employment,  
Social Affairs  
and Inclusion



# Why digital skills?

*Artificial intelligence*

*3D printing*

*Internet of things*

*Robotics*

**All jobs will  
require some level  
of digital skills...**

***... as so does  
participation in  
society***

# Digital skills in numbers

A hand is shown interacting with a futuristic digital interface. The interface consists of concentric circles and glowing lines, suggesting a data visualization or a control panel. The background is dark blue with a grid pattern.

**19% Europeans have no digital skills**

**Risk lacking 500,000 ICT specialists in 2020**

**44% have insufficient levels**

**11% employed have no digital skills**

**ICT jobs now 3.5% of total employment**

# New Skills Agenda



*Prioritising digital skills  
at all levels of E&T*

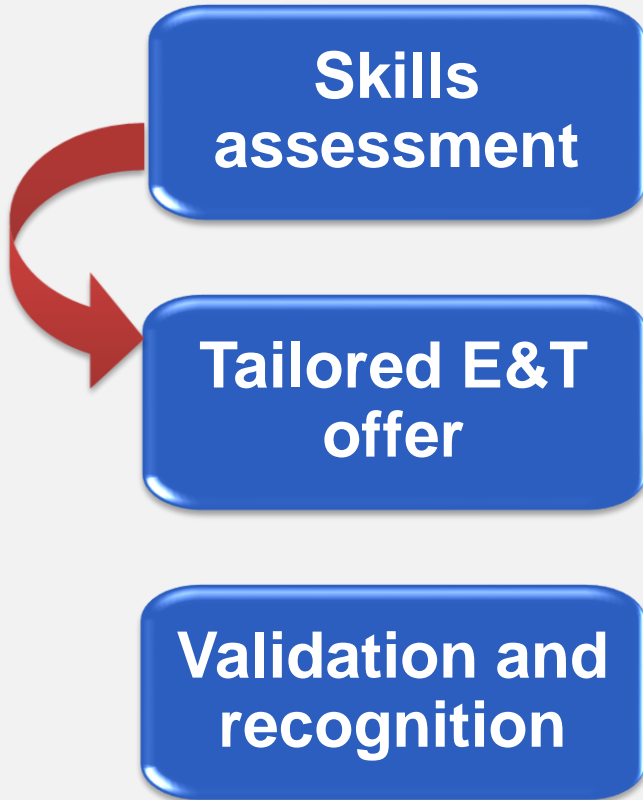
**Skills  
intelligence**

**Quality and  
relevance of Skills**

*Address the needs of 70  
million low skilled adults*

**Visibility and  
comparability**

# Upskilling pathways



Acquire a minimum level of literacy, numeracy and digital skills

...and, *when possible*, an upper secondary education qualification (EQF 4)

# Review of 2006 Key Competence Framework



**Communication  
in the mother  
tongue**



**Digital**



**Sense of initiative  
and  
entrepreneurship**



**Communication  
in foreign  
languages**



**Learning  
to learn**



**Cultural  
awareness and  
expression**



**Maths,  
science and  
technology**



**Social and civic  
competences**

# Digital Competence Framework for Citizens







# Blueprint for Sectoral Cooperation on Skills

Selection of sector



EU partnerships



National/  
regional  
partnerships



# European Vocational Skills Week

## *Raising the attractiveness of VET*

**VET Modernisation**  
*Structural reforms*

**Image**  
*Excellence and opportunities*



**DISCOVER  
YOUR TALENT!**

European Vocational Skills Week  
20-24 November 2017

# European Alliance for Apprenticeships

## *A multi-stakeholder platform*



### New and Coming up

ErasmusPro  
Quality Framework  
Support services  
Apprentice Network  
E+ call for Joint degrees  
**5<sup>th</sup> anniversary of EAFA**

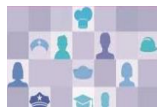
2017/  
2018



2017

### Viva EAFA in Valletta

4 years of the EAFA  
Celebrating success  
and looking ahead



### New Skills Agenda for Europe

VET as 1<sup>st</sup> choice  
Work-based learning  
Business-education

2016



2015

### Re-boost in Riga

Riga objectives 2015-2020  
Work-based learning &  
apprenticeships



### Launch in Leipzig

WorldSkills competitions  
Joint Declaration  
18 first pledges

2013



2012

### Youth Employment Package

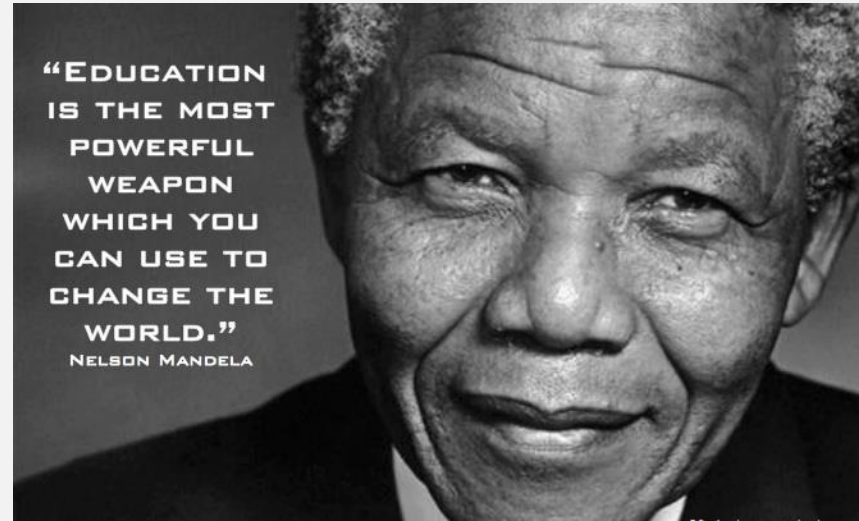
Youth Guarantee  
Quality Framework for Traineeships  
European Alliance for Apprenticeships



# The European Pillar of Social Rights

## *Education, training and life-long learning*

- Right to education and training throughout life
- Education and skills for successful participation in the labour market and for social cohesion
- Emphasis on skills required during labour market transitions
- Encompasses the acquisition and maintenance of basic digital skills



Find out more...



The New Skills Agenda for Europe

<http://ec.europa.eu/social/main.jsp?catId=1223>

Vocational Skills Week:

<http://ec.europa.eu/social/VocationalSkillsWeek>

European Alliance for Apprenticeships:

<http://ec.europa.eu/apprenticeships-alliance>

Pact for Youth:

<http://www.csreurope.org/pactforyouth>

Erasmus+

[http://ec.europa.eu/programmes/erasmus-plus/node\\_en](http://ec.europa.eu/programmes/erasmus-plus/node_en)

