



EFW 25TH ANNIVERSARY
13 - 17 NOVEMBER 2017 OEIRAS, PORTUGAL



WELC  **ME**



www.efw.be



CEDEFOP

European Centre for the Development
of Vocational Training

Technology Innovation, New Professional Qualifications – the role of EU policies and tools

Oeiras 15 November 2017

Loukas Zahilas, Cedefop

Head of Department for VET Systems and Institutions



Changes in a global landscape



CEDEFOP

European Centre for the Development
of Vocational Training





Problems in a global landscape



CEDEFOP

European Centre for the Development
of Vocational Training





CEDEFOP

European Centre for the Development
of Vocational Training

The rise of robots





CEDEFOP

European Centre for the Development
of Vocational Training

Learning and ...human attention span



Goldfish = 9 Seconds



Human = 8 Seconds



The necessity of change





CEDEFOP

European Centre for the Development
of Vocational Training

Driving forces beyond 2020





CEDEFOP

European Centre for the Development
of Vocational Training

European tools





Qualifications



OVERVIEW OF
NATIONAL
QUALIFICATIONS
FRAMEWORK

DEVELOPMENTS
IN **EUROPE**



CEDEFOP

European Centre for the Development
of Vocational Training

Learning outcomes

Learning Outcomes
(Ι3:ηΙη 'υtkλms)

Statements of what a learner
knows, understands and
able to do completely
learning process, and
are defined by
age



CEDEFOP

European Centre for the Development
of Vocational Training

International qualifications





CEDEFOP

European Centre for the Development
of Vocational Training

EU policies

**DISCOVER
YOUR TALENT!**

European Vocational Skills Week
22 - 24 November 2017



Changing role of VET part II



CEDEFOP

European Centre for the Development of Vocational Training





CEDEFOP

European Centre for the Development
of Vocational Training

Parity of esteem





Attractiveness of VET





CEDEFOP

European Centre for the Development
of Vocational Training

25 years of EWF





More info

<http://www.cedefop.europa.eu/en>



CEDEFOP

Ευρωπαϊκό Κέντρο για την Ανάπτυξη
της Επαγγελματικής Κατάρτισης





Driving forces beyond 2020xxx

Fears of job losses to robots and machines

Technologies changed for 43% of adult employees in 5 years.
Platform economy: automation performing non-routine tasks,
The Internet of Things will bring more disruptive change

Europe's ageing and shrinking labour force

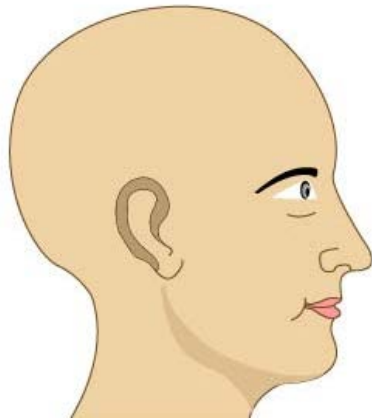
90% job opportunities will be to replace people; many will retire.
Steady labour force participation (55% to 56%) means fewer workers; integration
of migrants and improving mobility

Building the green economy

CO₂ in the earth's atmosphere expected to double by 2030
Temperatures rising between 1.5 and 4.5 C.
Water acidification is damaging fish stocks and forests

Learning and ...human attention span

8 seconds



9 seconds



Microsoft Canada, Consumer insights 2015



Learning and ...human attention span



CEDEFOP

European Centre for the Development of Vocational Training



Goldfish = 9 Seconds

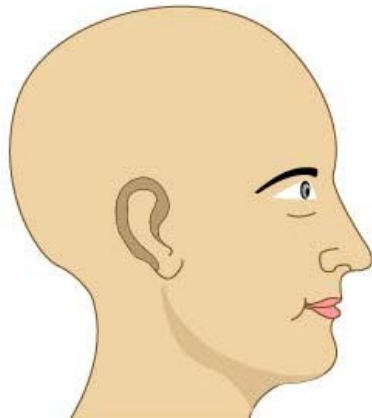


Human = 8 Seconds



Learning and ...human attention span

8 seconds



9 seconds



Microsoft Canada, Consumer insights 2015

**THANK
YOU
FOR YOUR CONTINUOUS
SUPPORT**



WWW.EWF.BE