INTELLECTUAL PRODUCTION 01

Digital policies in secondary education in Europe
Management of establishments and educational innovation and governance

// HIGHLIGHTS

THE CONCEPT OF DIGITAL COMPETENCE

Knowledge, skills and attitudes mobilized when carrying out an action in a complex or simple context

MOBILIZATION OF KNOWLEDGE, SKILLS AND APTITUDES IN 5 DIGITAL FIELDS
(EUROPEAN SKILLS FRAMEWORK DIGITAL FOR CITIZENS, CEE2020)

• Digital and computer literacy
• Creation of digital content
• Security
• Problem solving
• Communication and collaboration

DISTINCTIVE FACTORS FAVORING THE INTEGRATION OF DIGITAL TECHNOLOGY IN SCHOOLS IN EUROPE IN THE PARTNER COUNTRIES OF THE ANGE PROJECT

• **Significant autonomy** of establishments in the education system in digital management
• **National Platform** for Digital Innovation
• Support program for **innovative actions** and/or a culture of promoting innovative practices
• **Integration of policies** or actions related to digital technology at local, regional and national level
• High availability of **local content** in the digital fields
• **Promotion** of the development of **science and technology**
• **Importance given to training** and further education
• Growing demand for **content services**
• Strengthening of the **mobile network** and/or **internet connection**
• Effective mechanisms to **support the acquisition of technological resources** in the classroom
• Effort to adapt **qualifications to the labor market**
• Training and **educational support**
• **Company Network** for the development and integration of digital
• **Digital-Compulsory** discipline for all students - secondary and vocational education
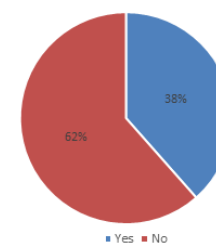

EUROPEAN COMMUNITY ACTION PLAN (2018)

3 PRIORITIES :

1- Better use of digital techniques in teaching and learning processes
2- Development of digital skills and attitudes
3- Improving education through better data analysis and a forward-looking vision

MEASURES ACCORDING TO PRIORITIES

1
• Reduction of existing connectivity gaps between States
• Support for digital training
• Creation of an enabling environment to confer certified qualifications

2
• Creation of a European platform for higher education
• Strengthening open science and citizen initiatives
• Introduction of digital programming courses in all European schools
• Launch of a European campaign at EU level, as well as the initiative to teach cybernetic security concepts
• Support for measures promoting gender disparity in technology and entrepreneurship

3
• Publication of a benchmark study on European digital integration
• Launch of pilot projects in artificial intelligence
• Plan the strategic process aimed at digital transformation for the future of education systems

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DIGITAL TRAINING AND TEACHERS

Table 1. Do you have digital training or upgrading to be a teacher? (2018, TRENDS questionnaire, survey of 191 respondents who are partners of the ANGE project)

■ Yes ■ No

OBSTACLES OF CONTINUING TRAINING

TABLE 2. Obstacles to the pursuit of continuous training in the use of digital technology among teachers
(2018, TRENDS questionnaire, survey of 191 respondents who are partners of the ANGE project).

Lack of funding | Lack of interest from teachers | Lack of training offers | Inability to replace teachers | Inability to give an opportunity to the teachers | Lack of interest from school leaders

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