



TOSCANA DIGITALE

Regional strategy for digital skill Tuscany region

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Regione Toscana

INFRASTRUCTURE • DATA • SERVICES • SKILLS • AGENDA



Objective

Increasing digital competences

Digital rights of citizenship can be guaranteed through a more widespread digital knowledge and new competences

The strategy has a twofold function: to bring together **existing initiatives** and to plan **new actions** for the improvement of digital skills



Main axes

1. **Axis 1 - Digital citizenship**

OBJECTIVE: Digital skills for citizens

2. **Axis 2 - Digital skills for a better economy**

OBJECTIVE: Digital competences to improve the economy

3. **Axis 3 - Education and digital skills**

OBJECTIVE: Digital skills in schools

4. **Axis 4 - Employment opportunities and new advanced digital skills**

OBJECTIVE: Digital skills for job competences



Multiple Actions & Funding instruments

Strategic objectives - Axes – Interventions – **Multiple Actions**
Action – Targets/Output/Stakeholders/Synergies/Funds

3 main categories of recipients: (i) the **regional administration**, (ii) **local administrations** (Tuscan municipalities, health authorities, schools, research institutes and universities), (iii) **communities & entities**, i.e. citizens, businesses, volunteering associations, and other legal entities

Funds: RRP, ESF+, ERDF, FSC, Regional Funds, National Funds



Example: Axis 0 – Preparatory actions “New profiles for digital facilitators and facilitation networks”

Actions



Digital centres:
the Tuscan
network of
facilitation
centres



New 'Digital
Facilitator'
profile:
qualifications &
specific training
courses



TRIO regional
platform for the
dissemination of
training content

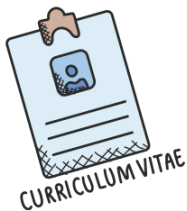
Supporting funds: Italian Recovery & Resilience Plan - RRP
Intervention 1.7.2, Mission 1, Component 1 • 169 Digital facilitation centres in Tuscany by 2026 + network of other networks of digital facilitation points – towards a same framework, methodology, communication&information, training model

Example: Axis 2

New IT specialisations in vertical sectors

Targeting training agencies & Higher technical institutes (ITS) - VET to respond to the new challenges of vertical sectors (agriculture, fashion, mechanics, etc) – **digital transformation, IoT&OT, cybersecurity...**

Actions



Professional profile
Agroelectronic

Professional profile
Agroinformatics

Increasing **cybersecurity**
certifications in Tuscany

Supporting funds: ESF + 2021-2027

Example: Axis 4 “Innovative jobs”

Actions



Digital skills of
professionals



Advanced
digital skills:
cybersecurity,
AI, bigdata, etc.

Supporting funds: Regional Funds, ESF +

Multi-level & collaborative governance

Digital competencies can be effectively widespread only with the involvement of all stakeholders

Since 2021: Inter-departmental WG of multiple Regional departments: Innovation, Education & Employment Development, Economic Development, Agriculture, Health & social services

July 2022: Presentation of the Strategy

November 2022: Involvement of stakeholders and consultation process

Universities and regional research centers
Regional Cybersecurity Competence Center

Professionals Associations (architects, engineers, technicians, etc.)
Business and commerce regional associations
Retired workers trade union associations
Local municipalities association
Citizen and volunteering associations





Impact & Monitoring

Digital competencies have now with DigComp2.1 a recognized common framework at EU level

- The improvement of digital skills for citizens is one of the targets of **Italian Recovery & Resilience Plan**
 - ❖ A set of easily measurable KPIs with respect to basic digital skills in citizens is still to be defined.
- **Tuscany Region** is collaborating with ISTAT, Politecnico di Milano, Università Sant'Anna di Pisa, and Repubblica Digitale to prototype new surveys & models to assess and measure improvements in digital skills in citizens:
 - ❖ First surveys already performed in Tuscany on different areas (elderly people, professionals, health operators, public employees) to define such models.
- Further versions of the Regional Strategy will include **KPIs** derived from such trials and from new national-level KPIs that will be defined within PNRR.



Lessons Learned Challenges & Open questions

- How to make digital facilitation a **stable public service** not relying on occasional external funding?
- **Key Success Factor:** involving all Regional Depts to improve digital skills in the different areas – basic skills, vertical skills (agri-tech, fashion, e-health..), specialized skills (cyber, AI..)
- How to improve **tools** to assess **skill needs & gap**? How to properly involve stakeholders in the assessment (Universities, Industries, SMEs, Local governments, citizens..)?

Thank you for your attention!



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