

June 27, 2018 - Brussels - #YESbxl



















# Vocational Education and Training 4.0 in Tuscany Region

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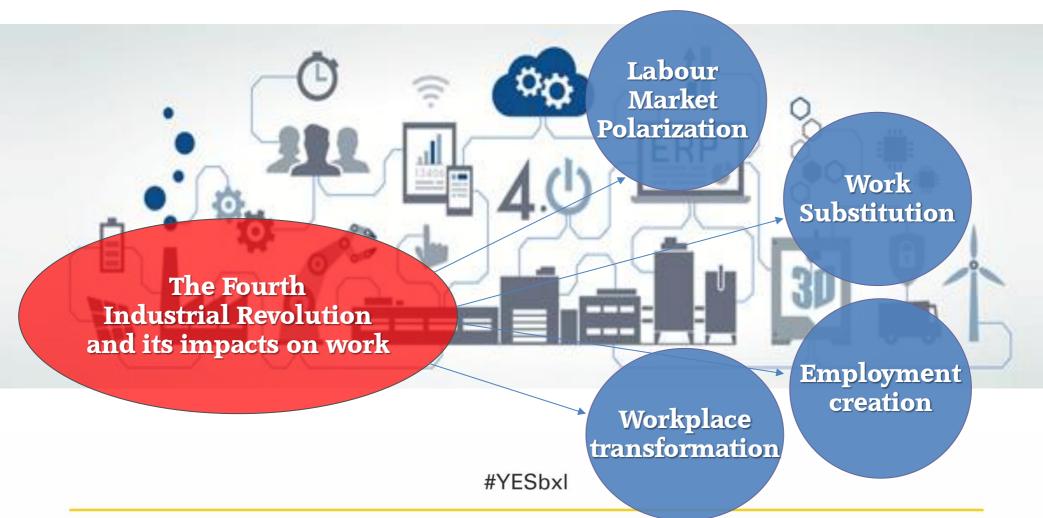








## Digital Transformation and its impact on work





















Digital skills Soft skills Complementary **Specialized** Generic skills skills skills

Changes in production systems and business models

Changes in the skill sets required for each professional profile

> Inter disciplinary skills

Technical and Specialized Skills

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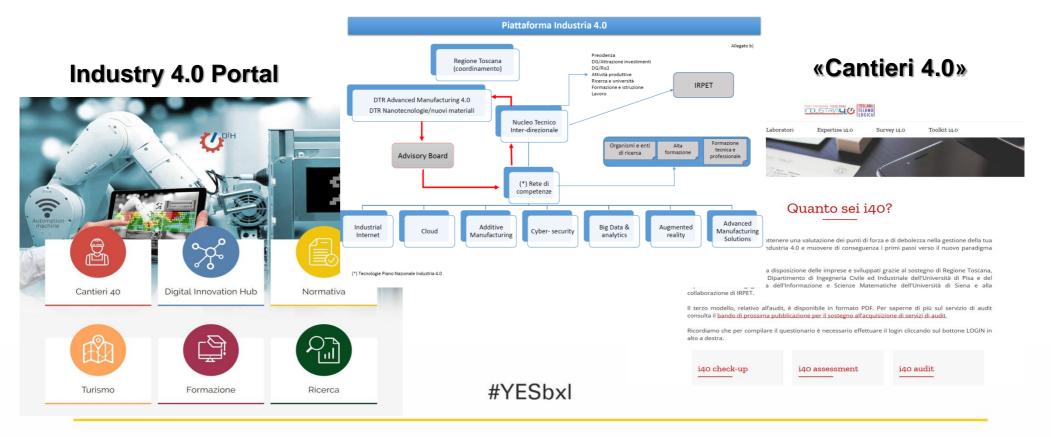






## **Industry 4.0 Regional Strategy**

#### **Industry 4.0 Platform**











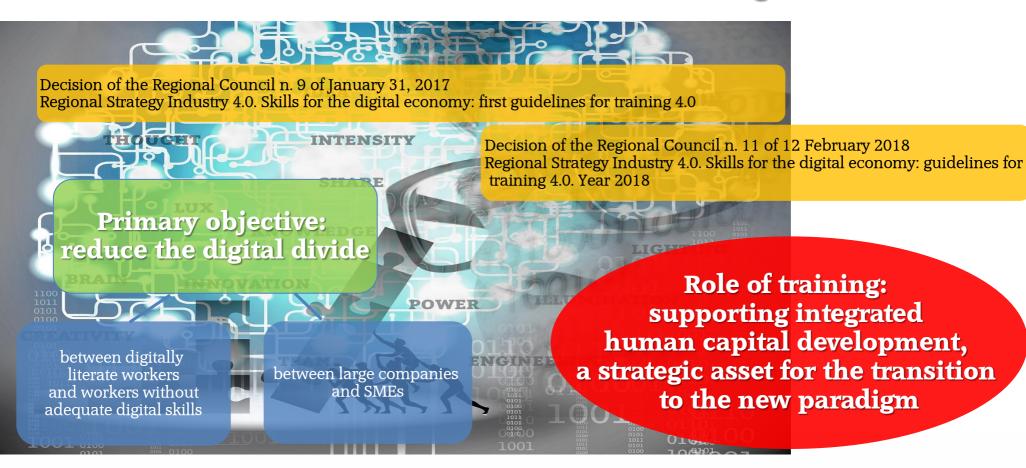








## **Vocational Education and Training 4.0**





















**Vocational Education and Training 4.0** Strategic lines of intervention



















## The role of training for managers and entrepreneurs

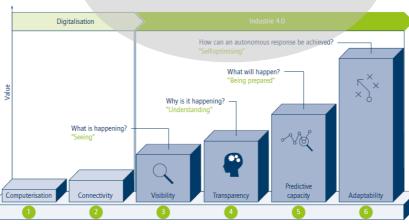
updating the skills of managers and entrepreneurs is fundamental because their choices have impacts on

How and when new technologies
Will be adopted

Data processing production

The presents of the processing of the processing production of the processing of the process

exploitation of the productive potential of new technologies



the adaptation of the production process and the quality and quantity of employment





















## Training for managers and entrepreneurs

With action A.4.1.1.b of the ESF 2014-2020 and with State funds, there are three interventions designed in a complementary way in order to ensure a training offer tailored to the needs of managers of entrepreneurs

- 1. Training courses for entrepreneurs, including
- 2. Training vouchers for entrepreneurs

3. Training vouchers for managers

- territorial animation actions,
- training courses,
- personalized accompanying actions.
- to face innovation paths
- to adopt models of work organization and management of human resources aimed at combine innovation with wellbeing and participation of workers.
- with priority for training courses on the innovations necessary to compete in the digital economy.



















## Synergies with other regional actions

#### «Cantieri 4.0»

On "Cantieri 4.0", the operational tool of Tuscany Industry 4.0 Platform, managers and entrepreneurs can verify their level of maturity compared to I4.0 technologies through online assessment tests

TRIO

On the web learning portal of the Tuscany Region, financed by ESF, managers and entrepreneurs can find online training Modules on the Industry 4.0 paradigm and on new technologies











HOME CATALOGO CORSI PROGETTI V TERRITORIO V COMMUNITY FAQ

Home Novità ed Eventi Aggiornamenti Nuove iniziative di TRIO su Industria 4.0

#### Quanto sei i40?

n poco tempo potrai ottenere una valutazione dei punti di forza e di debolezza nella gestione della tua impresa in ottica di Industria 4.0 e muovere di conseguenza i primi passi verso il nuovo paradigma industriale.

Tre i modelli di valutazione a disposizione delle imprese e sviluppati grazie al sostegno di Regione Toscana, al supporto scientifico del Dipartimento di Ingegneria Civile ed Industriale dell'Università di Pisa e del Dipartimento di Ingegneria dell'Informazione e Scienze Matematiche dell'Università di Siena e alla collaborazione di IRPET.

Il terzo modello, relativo all'audit, è disponibile in formato PDF. Per saperne di più sul servizio di audit consulta il bando di prossima pubblicazione per il sostegno all'acquisizione di servizi di audit.

Ricordiamo che per compilare il questionario è necessario effettuare il login cliccando sul bottone LOGIN in alto a destra.

#### **Notizie**

X

Nuove iniziative di TRIO su Industria 4.0

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Chi ha detto che il nostro territorio non offre opportunità per i giovani imprenditori?

Il sistema TRIO lancerà a breve una serie di iniziative e contenuti sul tema **Industria 4.0** destinate al mondo dei giovani e delle imprese. Un progetto che rientra nelle priorità di Regione Toscana, che ha da tempo avviato numerose attività in questo ambito, come la survey i4.0 per le imprese (http://www.businessintuscany.com/i40/survevi40.php).

Se sei un imprenditore o hai un progetto di azienda, potrai presto ricevere una formazione sul nuovo modo di fare impresa. Seguici e riceverai presto informazioni più dettagliate!

Tweet



## The Tuscan model of education and training

**Alliances of training** agencies with companies, with educational institutions and universities

**Concentration of** interventions on strategic training supply chains

Development of the dual system and apprenticeship

- To analyze training needs
- To co-design the interventions.
- To counteract school drop-out trends,
- to encourage inclusion and reintegration into the Labour Market
- o to develop fundamental skills for the development of the territories and the competitiveness of companies.
- to help students achievement of a professional qualification and / or diploma,
- To enhance the educational and training potential of work.
- To encourage young people entry and stay in the labor market

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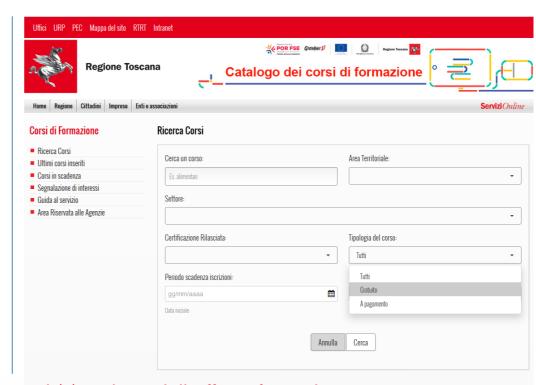




## Training opportunities for citizens: the catalog of the training offer

The catalog of the training offer is a tool for:

- > to know the courses, free or paid, available within the Tuscan territory and register to them
- > to stay tuned and receive information on courses activated in one or more sectors, by subscribing to the newsletter
- > to contact the training providers and let them know interest to participate in a specific training course



http://www.regione.toscana.it/-/catalogo-dell-offerta-formativa













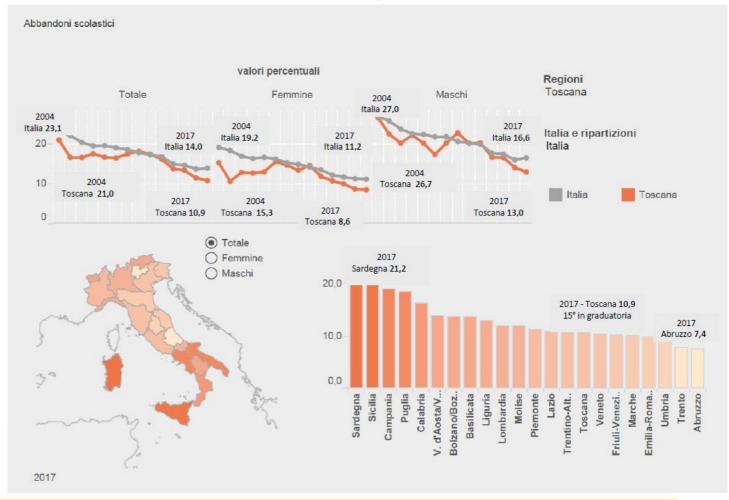




## First results: the school dropout rate

From 2014 to 2017, the percentage of young people who abandoned their studies prematurely has passed

- in Tuscany, from 13.4% to 10.9%
- in Italy, from 14.7% to 14%
- in Europe, from 11.2% to 10.6%





















### First results: the NEET rate

From 2014 to 2017, the percentage of young people who do not study and do not work has passed

- in Tuscany, from 20.1% to 16.7%
- in Italy, from 26.2% to 24.1%
- in Europe, from 15.4% to 13.4%

