



JORNADA HACIA UNA FORMACIÓN PROFESIONAL **DUAL**

ATRACTIVA PARA EMPRESAS,

CENTROS EDUCATIVOS

Y ESTUDIANTES

9

DE OCTUBRE DE 2018
VALLADOLID



**Junta de
Castilla y León**
Consejería de Educación

ER Education Research Emilia-Romagna

Learning is growing



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ER Education Research Emilia-Romagna

An educational infrastructure for an innovative area

- based on **cooperation** between institutions, education and training providers and enterprises
- characterised by **specialization and integration**
- able to exploit **sinergies** in programming actions and use of resources
- aimed at guaranteeing everyone **the right to acquire professional skills**, to grow, work and unlock one's potential

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An educational infrastructure for an innovative area

The ER Education and Research Emilia-Romagna is made up of four branches with specific educational objectives :

- Vocational Education and Training,
- Polytechnic Network,
- Higher Education and Research,
- Employment and Skills.

The aims is to guarantee the right of individuals

- to participate in the growth processes,
- to develop expectations and potential,
- to strengthen their technical, critical and relational skills required to grow, work and compete in an increasingly internationalised world.

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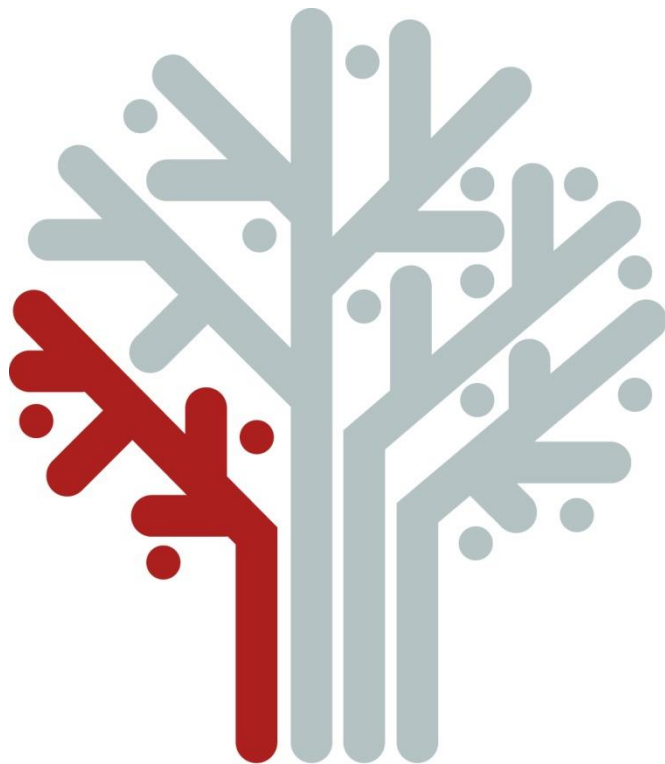


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Education and Vocational Training



Target

Make job-oriented paths available and increase the number of young people with a vocational qualification

Actions

- three-year training paths to achieve a vocational qualification

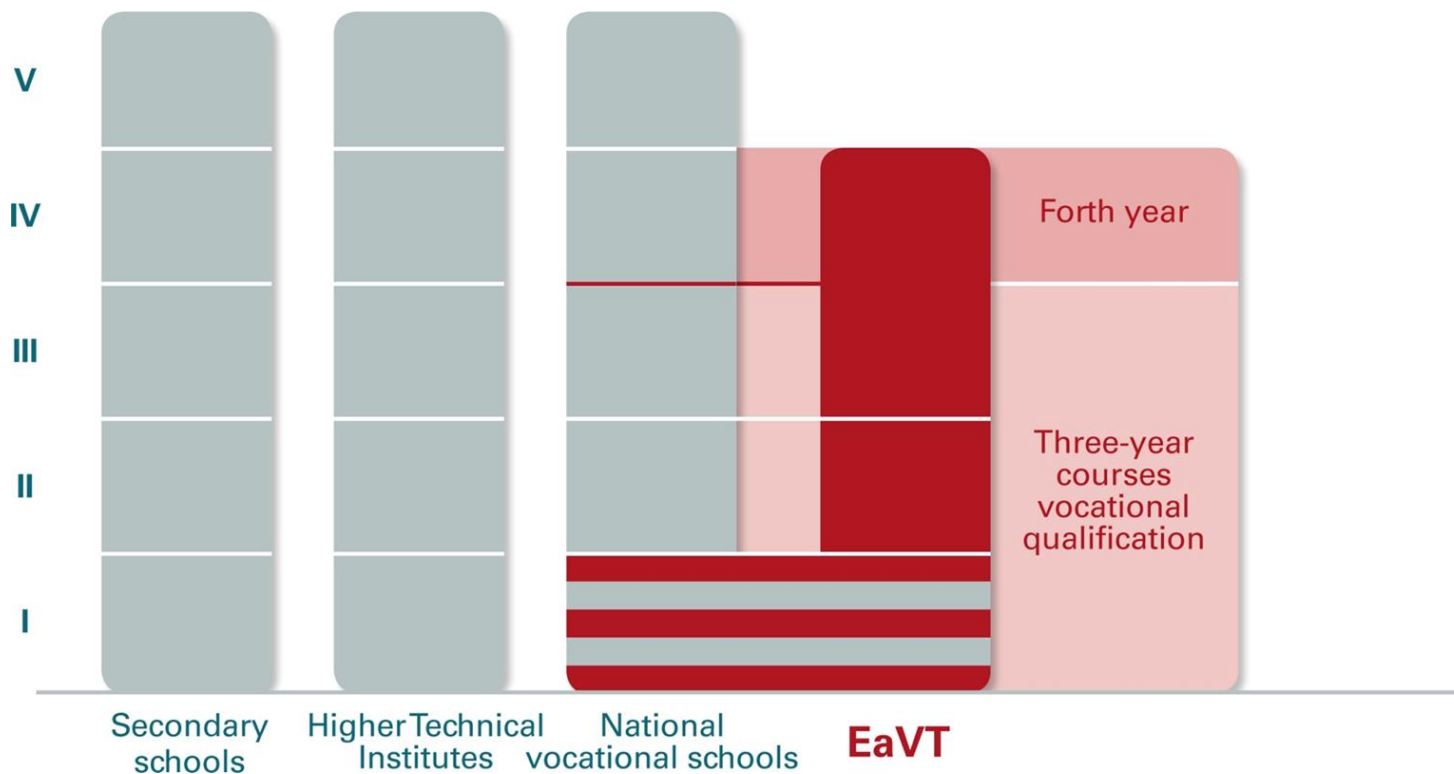
Stakeholders

- national vocational schools
- vocational training providers



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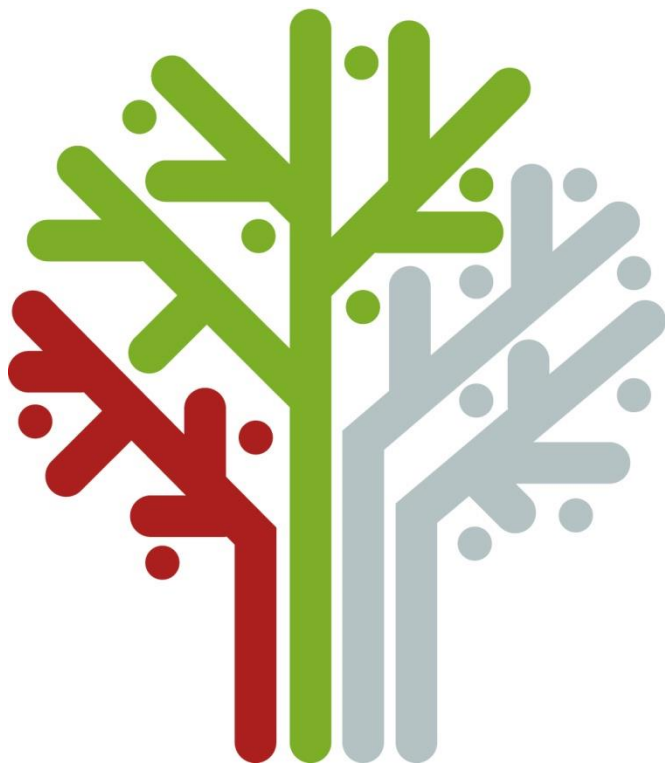
Education and Vocational Training





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Polytechnic Network



Target

Provide scientific, technical and technological skills to people, enabling them to be integrated into leading sectors of labour market

Actions

- Higher Technical Institutes
- Higher Technical Education and Training paths
- technical training paths

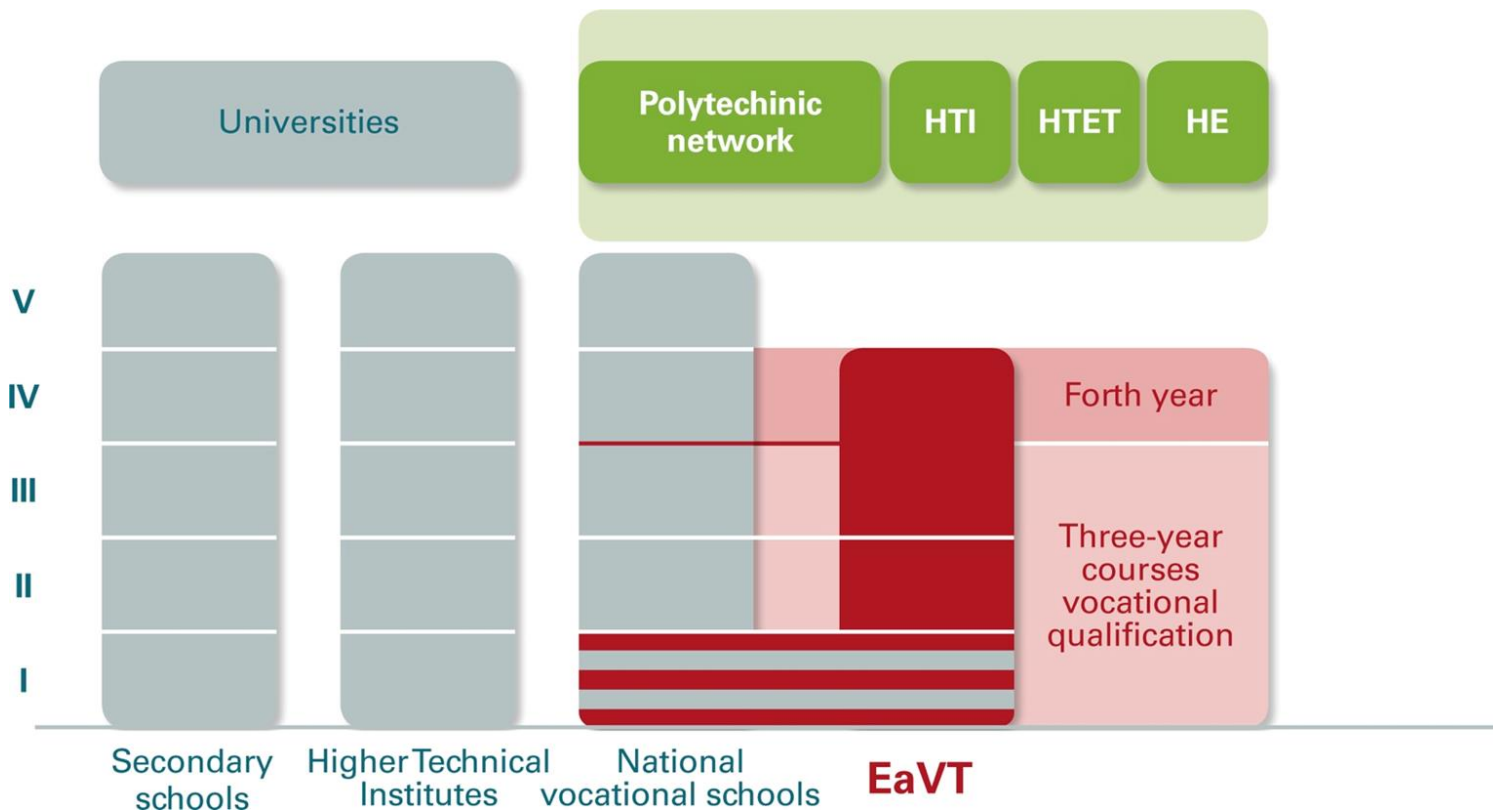
Stakeholders

- Higher Technical Institute Foundations (7 Foundation)
- vocational training providers
- schools
- enterprises



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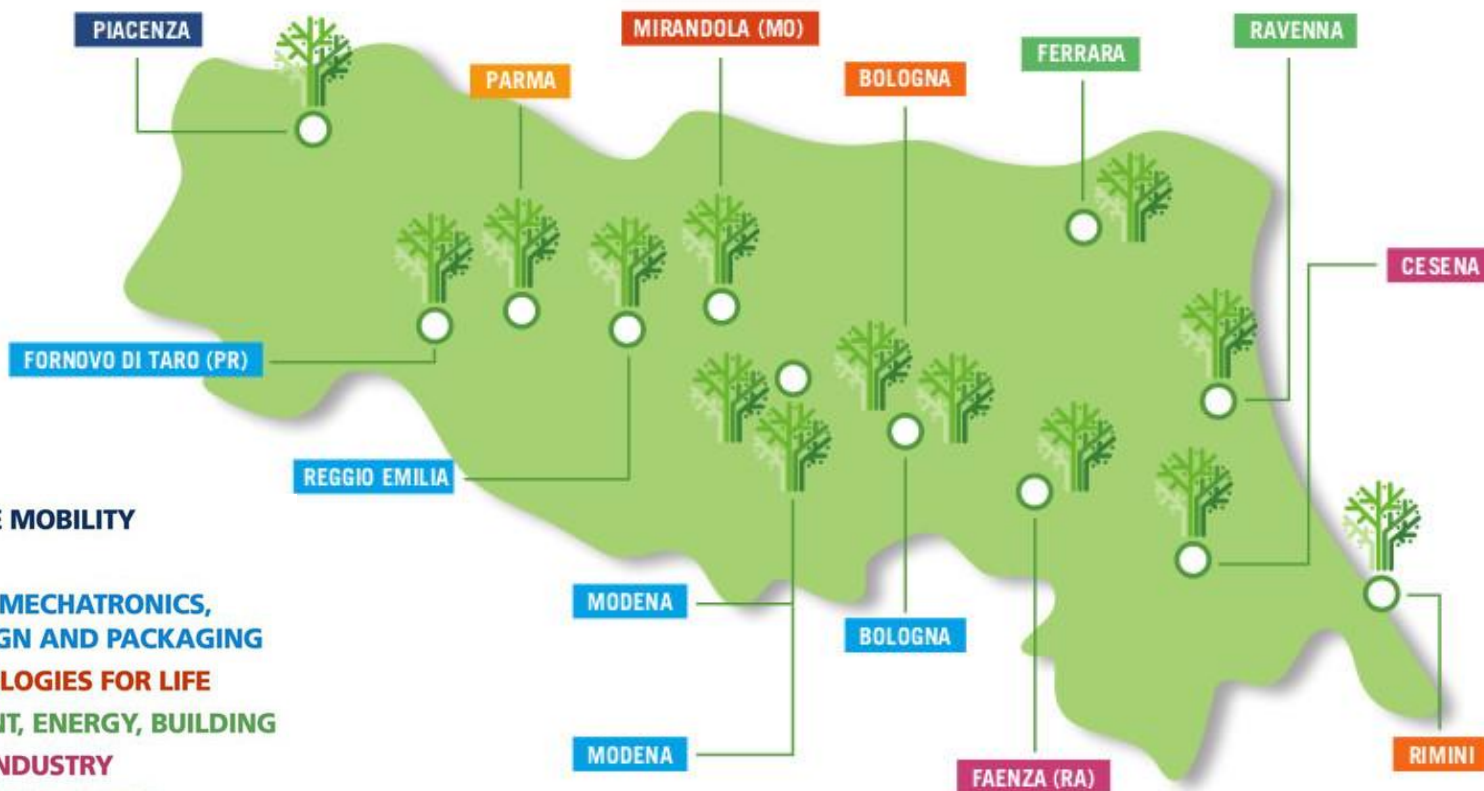
Polytechnic Network





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The paths of Higher Technical Institutes



SUSTAINABLE MOBILITY

AGRO-FOOD

MECHANICS, MECHATRONICS,
ENGINE DESIGN AND PACKAGING

NEW TECHNOLOGIES FOR LIFE

ENVIRONMENT, ENERGY, BUILDING

CREATIVITY INDUSTRY

TOURISM AND WELLNESS





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Higher education and research



Target

Develop human resources to support the innovation of regional economy

Actions

- specialization courses
- research grants
- scholarships for PhD
- customized training and consulting in support of entrepreneurship

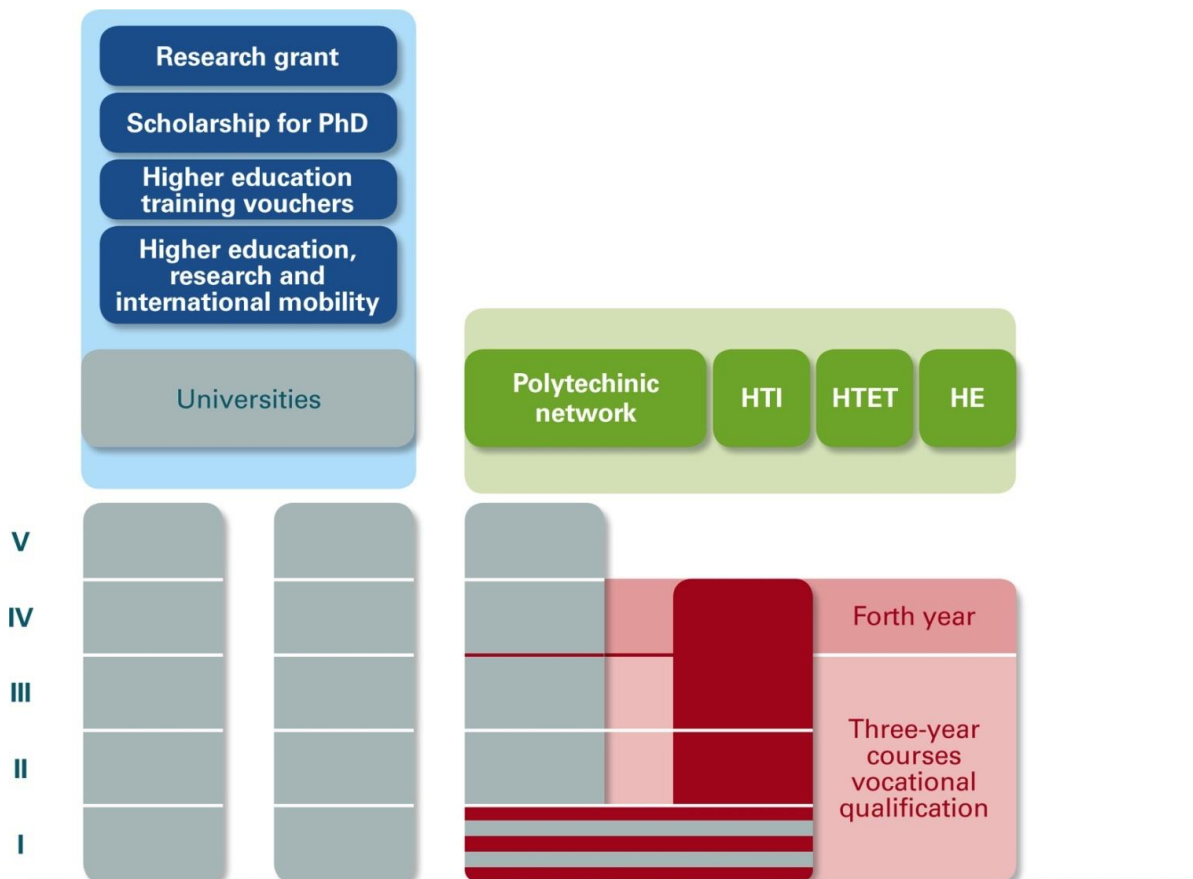
Stakeholders

- universities
- ASTER
- research institutes
- vocational training providers
- enterprises



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Higher education and research





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Employment and skills



Target

Promote employment, support people facing changes of the labour market and facilitate social inclusion through work

Actions

- vocational guidance
- training for employment integration and re-employment
- internship
- apprenticeship
- training in-the-job and longlife learning

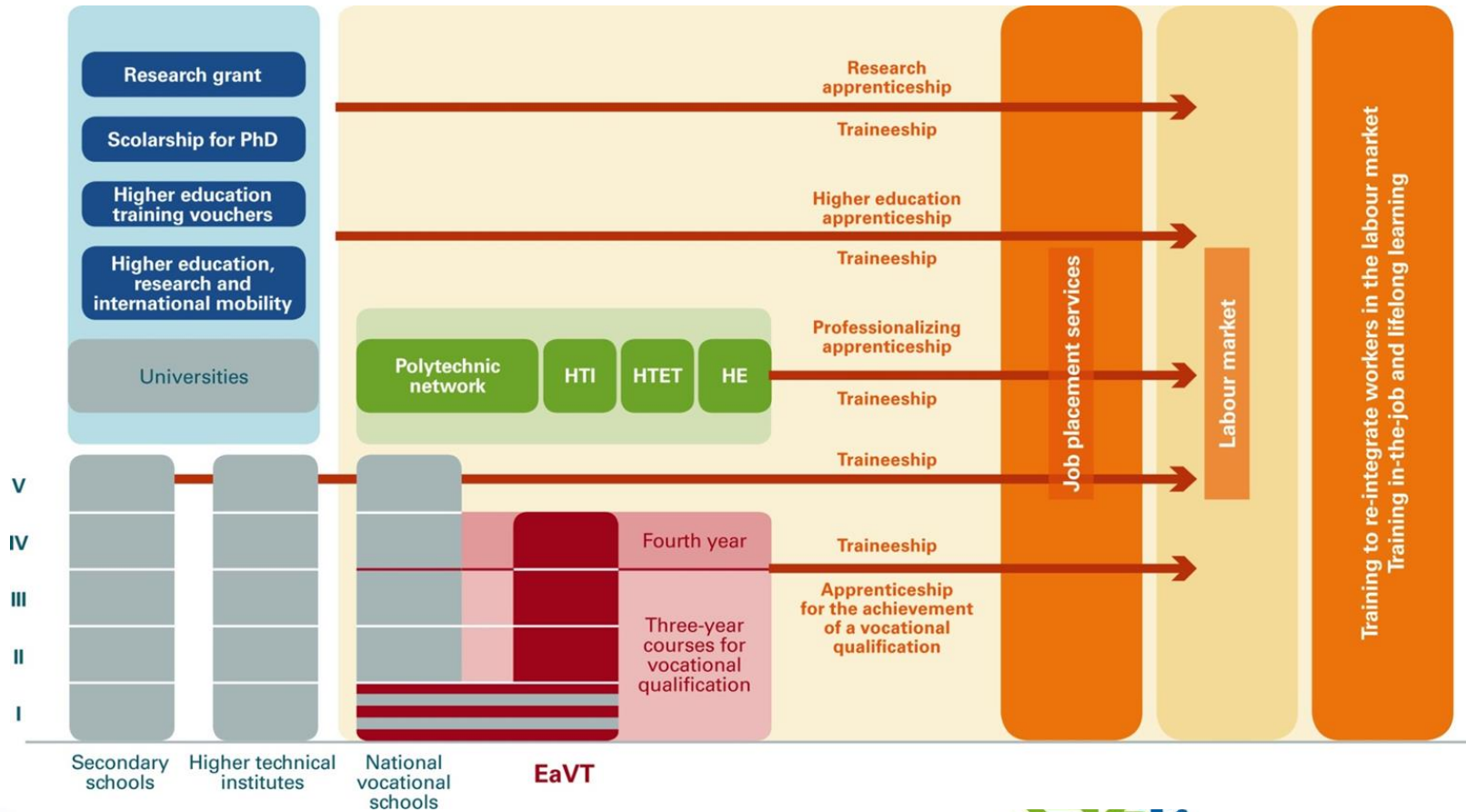
Stakeholders

- vocational training providers
- employment services network
- enterprises



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Employment and skills





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Labour Pact

- Signed on **20 July 2015** by the Region, local authorities, unions, business organisations, the third-sector forum, the universities and the Regional Education Office.
- The pact is meant to guide all public and private actions and investment in work and growth
- the pact is a **strategic plan** for the future of the region
- **The principal aim:** to bring Emilia-Romagna back to a full and good employment
- based on an interpretation of the local context and the regional, national and international situations, a careful survey of resources, and the sharing not only of objectives, but also the indispensable conditions required to generate a new growth for greater social cohesion in our region

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Labour Pact

ONE OF THE OBJECTIVES OF LABOUR PACT IS:

“...greater integration between training subjects and companies to intercept, anticipate and implement new and innovative skills for the development and experiment, also through agreements and enhancing the best experiences .., a model of regional dual training to contribute to the qualification of the education and the whole educational and training infrastructure, including developing the alternation school-employment and more opportunities to achieve qualifications in the high apprenticeship..»”

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Dual education system In Emilia-Romagna

- the different actions and individual experiences of the regional dual model are based on:
 - recognize the role of companies in the planning, implementation and evaluation of project/initiatives
 - give value to work places and contexts as learning environments
 - Recognizing companies as places where new skills are built and transferred

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Dual education system In Emilia-Romagna

The national and regional law and dispositions and the regional competence about educational system programming allowed to start experimentally a new "dual" technical and professional education and training model

National experimentation

Framework agreement about the development of a dual system project in the Education and Vocational Training system signed on 24 September 2015 by National Government and Regions

Experimentation in Emilia-Romagna

Protocol signed on 13 January 2016 by our Region and the National Minister of labor and social policies

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Dual education system In Emilia-Romagna

Distinctive elements of the dual system:

- IEFP, IFTS and ITS paths planning and realized with companies and for at least 50% duration in work organizations
- possibility to get a qualification and professional degree in apprenticeships

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Dual education system In Emilia-Romagna

REGIONAL EXPERIENCES

«FOUR YEAR»

- beginning in 2016/2017 school year
- introduction of a fourth year of training after the three-year path of the current Education and Vocational Training system
- vocational training providers must design and realize the training path in partnership with enterprises
- the fourth year will last 1.000 hours
- internship will have a key role in the training (50-60% of the duration)
- after the fourth year pupils will achieve both a diploma and a regional vocational qualification

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Dual education system In Emilia-Romagna

REGIONAL EXPERIENCES

DESI - Dual Education System Italy

The system is based on an agreement between the Emilia-Romagna Region, the Regional Education Office, Automobili Lamborghini and Ducati Motor Holding.

During the school years 2016/2018 and 2017/2019, two two-year courses of education and training in the 4th and 5th classes of two professional institutes are foreseen.

The courses are characterized by the school-work alternation and are aimed at obtaining the five-year professional education diploma and the acquisition of technical-professional skills required by the labor market.

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Dual education system In Emilia-Romagna

REGIONAL EXPERIENCES

DESI - Dual Education System Italy

The presence of students in the company environment is wider than that provided by the school system, based on a unitary training project, divided into curricular hours and through extracurricular activities

The students are committed for about 1,000 hours and the region recognizes them through the schools a training allowance of 450 euros, calculated on the basis of the regional law and the periods of extracurricular activities performed in the company training centers

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Dual education system In Emilia-Romagna

REGIONAL EXPERIENCES

MUNER - Motorvehicle University of Emilia-Romagna

Association between the Universities of Bologna, Ferrara, Parma, Modena and Reggio Emilia and the Automobili Lamborghini, Dallara, Ducati, Ferrari, Haas F1 Team, HPE Coxa, Magneti Marelli, Maserati and Toro Rosso.

It includes two inter-university and international degrees with courses in English: Advanced Automotive Engineering and Advanced Automotive Electronic Engineering.

Training includes road and racing vehicle design, sustainable propulsion systems and subsystems for intelligent functionality and production facilities.

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