

# Newsletter

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*The introduction of new and innovative technologies has a strong impact on the functioning of the economy, and consequently on the workforce employed in companies that are constantly changing and growing. Successful progress requires modern and well-qualified human force that will be prepared for ever-changing needs of jobs and lifelong learning.*

Talentjourney is international partnership for designing fundamentals of personalised education and working environment to deliver vocational excellence standards in IOT manufacturing.

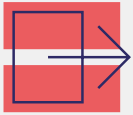
The Talentjourney project is implemented through the Erasmus + program, a Coalition of Sectoral Skills for the development of sectoral approaches through transnational "Platforms for Professional Excellence".

Talentjourney's vision is to “Design a collaborating and engaging ecosystem where everyone can grow into a satisfied person and

***“Talentjourney is international partnership for designing fundamentals of personalised education and working environment to deliver vocational excellence standards in IOT manufacturing.”***

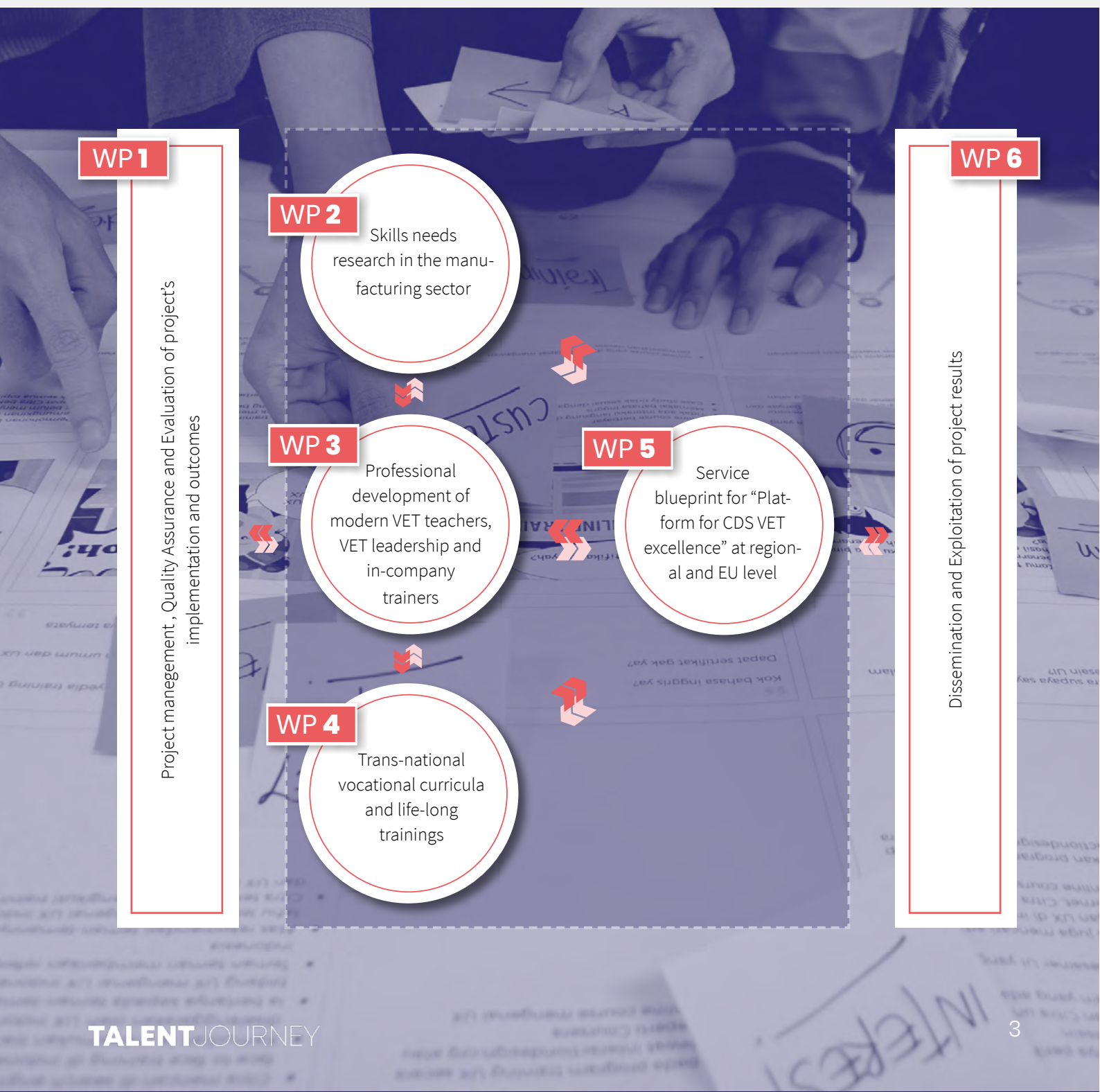
successful professional”. The CDS field deals with the ability to connect services and devices to central controlling applications or a remote operator and is important to run a cost-effective business operation, is transferable to other sectors and in many cases connected to artificial intelligence. The Platform will build on excellence by providing top skills in CDS field and innovative approaches that will foster developing talents.

Talentjourney will represent a network of inter-connected regional and EU stakeholder ecosystems with emphasis on sharing, networking, working in teams and providing information. The centre of Talentjourney will be the learner supported by tutors and other stakeholders to help him/her discover and develop the talents. Talentjourney will provide manufacturing sector with an international talent pool of future employees and CDS fluid experts to foster innovation and capacity building to master the future of the manufacturing sector in Nova Gorica (Slovenia), Satakunta (Finland), Udine (Italy) and Tallinn (Estonia) regions.



## Talentjourney will act with:

- strong emphasis on digital, international, user-centred, personalised and flexible in content and relationship for the user, easy to use
- using digital tools to allow flexibility in learning (I as a student/teacher/employee can choose subjects/modules and projects that I'm interested in and the ones that are going to help me grow professionally)
- receiving tutorship from tutor in any countries using digital tools.
- transforming knowledge stocks into knowledge flows.



# Project partners



## Šolski center Nova Gorica (SLOVENIA)

The Šolski center Nova Gorica is an educational institution with more than 60 years of tradition, offering a large selection of educational programs from various fields, including electrical engineering, computer science, woodworking, mechanical engineering, mechatronics, automotive services, transport, health, agriculture, catering, food and economics. The centre also offers a programme of technical gymnasium with three orientations (electrical engineering, mechanical engineering and computer science) to all who choose general education. Additionally, in the field of informatics, mechatronics and agriculture, Nova Gorica goes a step further by introducing post-secondary vocational study. In parallel with formal education, the center carries out a range of other activities for comprehensive professional and personal development, such as participation in sports competitions, and involvement in domestic and international projects, cultural events and knowledge competitions.

The inter-company training centre within ŠCNG offers formal adult learning and lifelong professional and practical oriented training. This

includes upskilling and reskilling for a variety of target groups, such as employed and unemployed individuals, companies, craftsmen and teachers. More broadly, the training center aims to facilitate mobility among different positions of work in modern industry, stimulate personal growth and help respond to the wider challenges of modern society. Concrete services offered include:

- career counselling;
- international mobility support;
- practical work training;
- project-based and innovation-led learning;
- practical training for teachers in companies;
- training for mentors in companies
- initiatives that offer support for migrants.





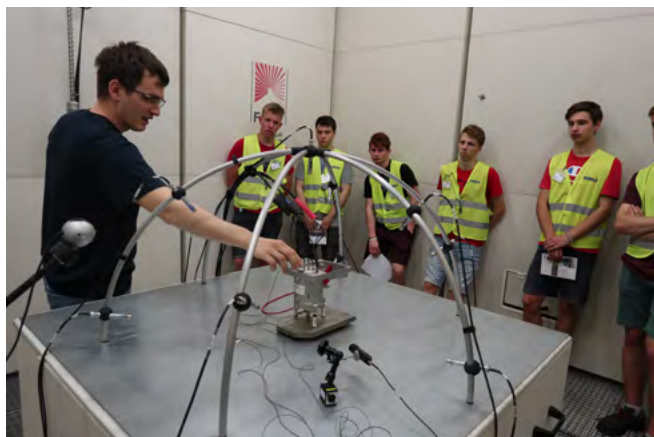
The Šolski center Nova Gorica also integrates various types of vocational education, including secondary and higher, as well as initial and continuing VET for youth and adults. As further testimony to its broad reach, the Biotechnical School's cooperation extends to primary schools, societies (e.g. the Olive Association, the Slovenian Beekeepers' Association and the Biodynamic Association), the local community, the Chamber of Agriculture and other chambers within the Consortium of Biotechnical Schools of Slovenia.

The Šolski center Nova Gorica is introducing innovative work-based learning models with personalised tutoring, as well as innovative work-related projects, in the framework of an Erasmus+ KA 3 project, RAY. Part of the project involves sharing the products through international mobility and a virtual campus.

In addition, the BoQua Project (European Qualification Concept 'Professional Career Specialist') aims at the development of a new and Europewide uniform qualification concept for professionals who are active in the field of 'vocational orientation' (e.g. teachers, social pedagogues, professional advisers). The project's products should contribute to improving the quality of work in the field, and make the experts' qualification and the implementation of vocational orientation at schools, consulting institutions, and within the framework of open youth work Europe-wide, more comparable.

In Slovenia, Nova Gorica School Centre (Šolski center Nova Gorica/ŠCNG) is a very active member in partnerships at three levels. At regional level, it is one of the crucial actors in





the partnership for regional development. For this purpose, it connects a network of around 450 employers, including the employment service, chamber of commerce, chamber of crafts, regional development agency and technological park, 7 regional municipalities, the trade union for the welding working force, the University of Nova Gorica, and various clubs.

At national level, ŠCNG is one of the main actors in the Consortium of Slovenian school centres, which consists of the seven biggest Slovenian VET centres. It also connects very successfully with the Consortium of biotechnical schools and Consortium of services in Slovenia. For 11 years they have collaborated in large ESF projects dealing with modernisation and innovation in VET, connecting VET providers with employers, continuous professional training for teachers, and lifelong learning.

At the international level, ŠCNG is a representative of the Consortium of Slovenian school centres in the board of EUproVET, the European association of VET providers. ŠCNG has a large network of European educational institutions and companies, which has been spreading since 1999 when it started participating in EU funded projects.





## Šolski center Kranj

(SLOVENIA)

The Kranj School Centre (ŠCKR) is the biggest provider of VET, technical and general education in the Gorenjska region of Slovenia. Content and programs have been bound to the programs of regular education and skills needed in the companies of the region in the fields of electrotechnics, mechatronics, IT, services, economy and civil construction. Throughout history, adult education has been carried out in parallel with the regular education of young students.

ŠCKR will cooperate in all work packages. Because of experience in project management gained from former national and international projects where ŠCKR was a leading partner or partner in the project we will be able to support the project regarding operational and financial management.

With good connections with social partners in national and international level, with expertise gained in projects from the field of VET education, TEL, ICT, entrepreneurial skills and from projects with companies in the region it will support work in work packages 2, 3, 5 and 6. As a VET provider with fundamental experience gained from development projects regarding new teaching methods and cooperation with social partners ŠCKR will be an active partner in work package 4.

## Šolski center Velenje

(SLOVENIA)

School Centre Velenje (SC Velenje) is one of the largest VET centres in Slovenia. SC Velenje consists of 3 VET schools, Gymnasium, Higher Professional School and B2B Training Center. Particular emphasis is placed on cooperation with industry, commerce and local community. Practical training of students is implemented in over 250 companies. SC Velenje has special contracts with companies in order to carry out

## Project partners

### ŠC Nova Gorica

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5000 Nova Gorica  
Slovenia

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### ŠC Kranj

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4000 Kranj  
Slovenia

🌐 [www.sckr.si](http://www.sckr.si)

### ŠC Velenje

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3320 Velenje  
Slovenia

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### Center Republike Slovenija za poklicno izobraževanje

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## Tallinn Polytechnic School

📍 Pärnu mnt 57a  
10135 Tallinn  
Estonia

🌐 [www.tptlive.ee](http://www.tptlive.ee)

## The European Institute for Innovation – Technology

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## ECIPA Scarl

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## ISIS “A. Malignani”

📍 Via Leonardo da Vinci, 10  
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Italy

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## PARK Frans Joziassé GmbH

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Germany

🌐 <https://park.empdl.com>

## Estonian Electronics Industries Association

📍 Akadeemia tee 23  
Tallinn 12618  
Estonia

🌐 <http://www.estonianelectronics.eu/et/>

practical training, courses, research projects, competitions or to provide supplies.

SC Velenje will carry out specific tasks to contribute to all project results and their sustainability through our excellent collaboration with industry, local community and key policy makers with special focus on work package 6 (communication and dissemination).



School Center Velenje

## Center Republike Slovenije za poklicno izobraževanje (SLOVENIA)

Center Republike Slovenije za poklicno izobraževanje (CPI) is a public institution founded by the Government of the Republic of Slovenia and co-founded by the Chamber of Commerce and Industry of Slovenia and the Chamber of Craft and Small Business of Slovenia. It's the central national institution in the field of vocational education and training and is responsible for linking social partners, and provides support in developmental, research, implementing and systemic processes that



contribute to the quality of vocational education and training for the citizens of Slovenia in the context of lifelong learning.

CPI will contribute to the partnership with its vast experience in VET development and working on similar project that were recognizing skill gaps. Through its social partners, it will foster cooperation between worlds of education and work. CPI will participate in data desk and field research, bringing new skills in curricula framework, contacting peers in EU, organization of national focus groups and interviewing, reporting to WORK PACKAGE leader and participate in quality assurance activities.



CPI

## MAHLE Electric Drives Slovenija d.o.o.

(SLOVENIA)

MAHLE Electric Drives Slovenija d.o.o. was established in 1960 and in 2014 became part of

MAHLE group, a well-known supplier in automotive industry. The company in Šempeter pri Gorici has almost 2000 employees and produces mechatronics parts for automotive and other industries, like construction and agriculture machinery. It provides the whole range of services, from R&D centre (with dislocated R&D units in Ljubljana and Maribor), production engineering department, production equipment & tools department, maintenance, manufacturing to quality, sales, purchasing, HR and finances.

Main products groups are engine rotating electrics drive systems and mechatronics. The company is a niche specialist and supplier to renowned global producers of agricultural and construction machinery (tractors, combine harvester), commercial vehicles (trucks, busses), material handling equipment (fork-lift trucks), electric transport carts (golf carts), and automotive industry (mechatronic assemblies for electric power-assisted steering). We are part of new BU within MAHLE, which is oriented in e-mobility and presents part of MAHLE dual strategy. Therefore the company is developing intensively, with many new projects and products in the field of e-mobility, implementing new manufacturing systems and approaches with the main aim to optimise manufacturing processes, especially in terms of quality, just-in-time principles and collection and efficient use of data.

As an innovative company we're intensively employing experts, mainly mechanical and electrical engineers, project managers, purchasing/sales commercialists. As a result we have a good insight at the scope and the level of the competencies needed to meet the demands of today's market. With many years of experience in business, including several transitions, we have a wide range

of highly competent technical experts, which present a strong knowledge transfer base. Combined with tradition of granting scholarship and providing internships, our aim is to develop, test and implement efficient approaches for intensive cooperation with educational institutions to efficiently exchange the knowledge and integrate students while studying. We put our cooperation with our main local school centre in Nova Gorica on a higher level through project RAY, Regional Alliance for Youth, aiming to develop and test project based and tailor made practical experience for students as well as intensifying the collaboration of company experts and school professors – tutors.



Mahle Electric Drivers

## Satakunnan koulutuskuntayhtymä (FINLAND)

Sataedu (Satakunta Educational Federation) is a strong regional and international provider of vocational education on the west coast of Finland. Sataedu has close cooperation with other providers of vocational education as well as universities of applied sciences, particularly Satakunta University of Applied Sciences.

Internationalization is a target-oriented and visible part of Sataedu's operations and strategy. Sataedu has an active cooperation network consisting of European educational institutions, which enables mobility, international projects and WBL abroad and is a holder of Erasmus Mobility Charter. Sataedu is also a partner in eight Erasmus+ KA2 ongoing projects and one KA3-project. Sataedu has international cooperation even outside of EU, especially with China.

# Satakunta University of Applied Sciences (FINLAND)

Satakunta University of Applied Sciences (SAMK) is an internationally oriented, multidisciplinary university operating on the west coast of Finland. As the regional key institution in innovation economy and entrepreneurship, SAMK is profiled as a university for industry wanting to emphasise renewal, export expertise and employees' functional ability. SAMK is cooperating annually with 500 national enterprises and communities, and with nearly 200 international partner universities and business partners. SAMK has

currently 8 ongoing Erasmus+ projects, of which one is a Sector Skills Alliance project (WWW&CE). SAMK will participate in each work package supporting the consortium in reaching the wished goals and produce the outcomes, and lead work package 4, supported especially by partner FESTO. SAMK will carry responsibility over the CDS education process in the project, according to the project plan, for the developed modules through the Platform of excellence. The expertise of SAMK in Erasmus+ projects – especially the ongoing Sector Skills Alliance project WWW&CE, but also the ongoing Knowledge Alliance project KAforHR – will be available for the project management and administration. SAMK will naturally also utilize its vast cooperation network in dissemination and exploitation activities ensuring sustainability of the project input.



Satakunta University of Applied Sciences



# Tallinn Polytechnic School

(ESTONIA)

Tallinn Polytechnic School is one of the oldest vocational schools in Estonia, established in 1915. Now we have about 1400 students, both in daily studies and correspondent course and about 120 staff members. We have three big departments: Energetics and automatics department (electrician, automatics); Info technology department (IT specialists, software developer, weak-current specialists, electronics) and Media department (printing technology, multimedia, visual media and photographers). In last projects, we have also started using ECVET assessment system. Many of our staff is involved in curricula development process for whole Estonia. The school has long traditions in participating international projects, starting from 1994 (Leonardo da Vinci, NordPlus, and Comenius). Every year the best students participate in professional competitions (Taitaja in Finland, Euroskills and Worldskills) and they have the highest prizes.

Tallinn Polytechnic School has had many international projects since 1994. Mostly Leonardo da Vinci projects, but also Comenius and NordPlus projects. We have sent the students for practical training to Finland, Netherlands, Spain, Norway and England. In addition, we have received students for their apprentice period from Norway and France, Portugal, Spain, Italy, Netherlands. In these different projects together with the partners, our school has helped to work out new teaching methods and

–materials, getting expertise from our staff and teachers who are involved in the workgroups developing and creating new curricula.

During last years we have also been a partner in Development Co-operation and Humanitarian Aid of the Estonian Ministry of Foreign Affairs, Co-operation project “Transfer of Estonian Best Practices to Support the Competitiveness of Georgian VET Sector”. Almost every year the school has applied itself several project or has been a partner in different projects.

# The European Institute for Innovation – Technology

(GERMANY)

The European Institute for Innovation – Technology (Elfi-Tech) is an applied research institute that works on a variety of projects, merging technical innovation with economic deployment. Thus, the Elfi-Tech is known for its work with innovation and entrepreneurs; it shortens the connection with industry and academia partners. Furthermore, the Elfi-Tech is active in applied research, feasibility, testing, development, demonstration with the purpose of ultimately supporting economic deployment. Through its broad networks Elfi-Tech is currently used to build up regional connections to early stage business proposals in RIS3 sectors. The Elfi-Tech operational team manages the delivery of project work programmes working in partnership with

national/EU agencies, learning institutions, the private sector and people – the so called “Quadruple Helix”.

The Elfi-Tech has vast experience in using digital media to promote the development of a trans-disciplinary curricular that combines know-how on the new emerging technologies. Developments cover a spectrum of school/VET materials at multiple levels which are intended both as educational and training material. Elfi-Tech believes that they make an excellent contribution to the TalentJourney project and will benefit with continuing our strategy into enterprise and entrepreneurial educational development, which will change the educational landscape into one which has an employer’s voice at the heart of the system thus allowing the educational skills system to supply the necessary skills for industry in the 21st century.

## ECIPA Scarl (ITALY)

ECIPA Nordest is the Training and Services company of the CNA (Italian Confederation of Crafts and Small-medium enterprises) in the North East of Italy. Its headquarters are in Veneto Region, where in 2018 the manufacturing sector represented the 11,8% of enterprises. The socio-economic fabric of this territory is characterized by SMEs; however, there is still a broad gap between large and small businesses in the level of digitalization. This is one of the main challenges we are currently tackling through regional, national but also transnational projects, like TalentJourney.

## ISIS “A. Malignani” (ITALY)

ISIS “Arturo Malignani” is a public education institution based in Udine, north-eastern Italy, whose activity can be traced back to the first decades of the 20th century and has since then been providing vocational and technical training in close co-operation with the world of work and with an eye to innovation and excellence.

Presently, its technical college offers higher secondary education programmes in mechatronics, telecommunications, electronics, aeronautics, chemistry and construction engineering. The institute also incorporates an applied sciences lyceum, a vocational school for woodworking and adult courses. Students are approx. 2,800 and the teaching staff counts about 300 people.

Internationalization has been pursued over the years as a natural and necessary-felt complement to Malignani’s networking attitude, which has produced co-operation agreements and high-quality projects with didactic institutions, the industry, further education providers and stakeholders in general both at regional and at national level.

The Erasmus+ project TalentJourney sees us as an enthusiastic partner wishing to contribute its expertise and constant search for growth as a modern VET-provider in a joint-effort mission to cope with the challenges of present and future labour market requirements, enabling talents to emerge and thrive.



ISIS Malignani's headquarters in Udine

## **PARK Frans Joziassse GmbH** (GERMANY)

PARK is the leading consultancy in the area of Design Leadership and Design Management, setting up organizations to maximize the impact of design for business, people and planet. Our role is to root design strategies in business, brand and innovation strategies, ensuring strong visual impact and translating them into concrete action plans. With over 20 years of experience in the field, PARK has worked with small, mid-sized and large organizations across Europe, such as GSK, LEGO, Philips, Adria Mobil, City of Eindhoven, Schiphol Airport, BMW, Miele, Unilever, Datev, Elan and SIP.

Beyond having strong expertise in establishing design as a core competency at clients from different industries and sectors, PARK has extensive experience in education through our digital educational spin-off Grow – the world market leader in educating/developing designers into leaders. This combined experience with consultancy and education with a diverse client and project portfolio allows us to have a

specialized offer and track record that makes us unique in the industry.

As a Talentjourney partner, PARK will provide strong support for the project by leading work package 5 (WP5), which consists of developing ecosystem maps on regional (focusing primarily on Estonia, Finland, Italy and Slovenia) and EU level. Based on a collaborative approach with project partners and by making information accessible and visual, WP5 activities and deliverables will connect relevant outcomes from other Talentjourney workstreams. Through Service Design processes and tools, we will facilitate the creation of personas, user journeys, and service blueprints; and our extensive experience in the area of consultancy will help us establish a vision for the Talentjourney platform, as well as develop a roadmap focusing on its implementation.





# Estonian Association of Electronics Industries (ESTONIA)

Estonian Electronics Industries Association is a voluntary non-profit organisation, whose primary objective is to promote cooperation between member companies, schools and public sector to increase competitiveness of Estonian electronics industry. Association will act as a national body that arranges project management (activities and finances) and the link to local participants and beneficiaries.








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**TALENT**  
JOURNEY



Guiding design leaders

