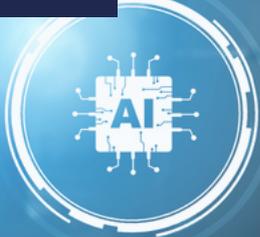




NEWSLETTER

THE FUTURE OF ADVANCED MANUFACTURING

The First Centre of Vocational Excellence supporting and empowering Regional Advanced Manufacturing Centre



The LCAMP project aims to support and empower regional Advanced Manufacturing Centres of Vocational Excellence (CoVE) to become more resilient, innovative and better equipped to train, upskill, and reskill young and adult students to successfully face the digital and green transitions.

In the context of LCAMP you will find from the development of skills and competences to their provision; in addition to the design of learning pathways, micro-credentials, active methodological approaches, articulation of services and innovation for SMEs.

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Centres of Vocational Excellences



Centres of Vocational Excellence (CoVEs) are formed by networks of partners that develop local "skills ecosystems" to provide high quality vocational skills to young people and adults, and contribute to regional development, innovation, industrial clusters, smart specialisation strategies and social inclusion.



Co-funded by the European Union

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NEWS



NEW WEBSITE

The LCAMP: Learner Centric Advanced Manufacturing Platform for Centre of Vocational Excellence (CovEs) EU-Cofounded project is pleased to announce the launch of its website, after many months of hard work and dedication from our consortium partners.



LCAMP's website is a non-stop online access which will be linked to the future Advanced Manufacturing Excellence Discovery Platform. General audience, public authorities, VET Centres, individual learners, students and lifelong learning learners, SMEs, large companies and industry associations will find interesting articles on the future Advanced Manufacturing and LCAMP's activities updates

[Read more](#)



KICK-OFF MEETING OF THE LCAMP IN SAN SEBASTIAN

The kick-off meeting of the LCAMP: Learner Centric Advanced Manufacturing Platform for Centre of Vocational Excellence (CovEs) took place on 7-8 September in San Sebastian (Basque Country).



The meeting was hosted by the project's coordinator, TKNIKA, the Innovation and applied research Centre of the Basque Country, gathering representatives from the 20 partners (VET providers, Industrial Associations and VET associations) that are members of the consortium.

The next in-person project meeting is taking place on 17-18 January 2023 in Toulouse (France) , hosted by project's partners: Mecanic Vallée and CMQE.

[Read more](#)



EVENTS



PARTNERS AT THE THE EU VOCATIONAL EXCELLENCE FORUM 2022

On 15-16 November, LCAMP: Learner Centric Advanced Manufacturing Platform for CoVEs partners were invited to participate and present the project during the 2022 Vocational Excellence Forum.



The LCAMP project was represented by project partner Firat Arslan y Hasan Burçin Menteş de KPDoNE (Kocaeli Directorate of National Education), Noelia Cantero (EARLALL); Hervé Danton (Mecanic Valleé); Jasmina Poličnik (Knowledge Innovation Centre); Jan Bundschuh (DHBW); Liher Errasti (Miguel Altuna); Susana Espilla, Iñigo Araiztegui y Unai Ziarsolo (Tknika) and Josu Riezu (AFM).

[Read more](#)



LCAMP PRESENT AT THE 8TH SPANISH CONGRESS OF VOCATIONAL EDUCATION AND TRAINING

The 8th Congress of the Spanish Association of Vocational Education and Training, FPEmpresa-Asociación de Centros de FP, took place on 26-27 October 2022, gathering more than 650 participants.



The LCAMP: Learner Centric Advanced Manufacturing Platform for CoVEs was introduced by Joxu Arana, principal of the consortium partner, Miguel Altuna VET Centre on 27 October 2022.

[Read more](#)



LCAMP AT UNESCO INTERNATIONAL CONFERENCE

On 25-26 October 2022, the International Conference: UNESCO strategy for TVET 2022-2029 took place in Bonn (Germany). In this framework, it was presented the new UNESCO strategy which sets out the path to recovery, resilience building & the reimagining of education and training. The conference gathered more than 100 participants from different countries in the world, including LCAMP representative Iñigo Araiztegui.



[Read more](#)



ACTIVITIES



a skills and jobs observatory

on Advanced Manufacturing tendencies from a VET perspective



an open innovation community

of best practices to articulate applied research actions



learner-centric training

for advanced manufacturing



collaborative learning factories



SME – VET connection

[Read more](#)

FIRST STEPS TO BUILD THE SKILLS AND JOBS OBSERVATORY ON ADVANCED MANUFACTURING

On October 2022, the work to design the skills and jobs observatory on Advanced Manufacturing started.

The observatory will be build on the best practices from existing Advanced Manufacturing platforms and observatories, the observatory will filter and analyse relevant information, providing a high-value report to Vocational Education and Training stakeholders.



"Our goal is to create a Dynamic Observatory at the European level. Through the observatory, it will share the latest technologies trends, and training in Advanced Manufacturing sector 4.0. Special attention will be given to necessary skills detected.

During this first year of project, we will work to create specifications for this Observatory, to feed the future software creation of Platform) and interconnect the Observatory with the rest of LCAMP activities.

Fort that, a working group formed by LCAMP partners meets regularly to progress on what to do and how to do : Collective intelligence at European level working on Advanced Manufacturing!"

Work Leader: Hervé Danton ([Mecanic Vallée, France](#))

HUMAN-CENTRIC LEARNING FOR ADVANCED MANUFACTURING

On September 2022, the work to design a human-centric learning hub for Advanced Manufacturing started.

Through this activity, LCAMP partners aim to launch new and revise existing micro-credentials & programmes, create a skills assessment tool, launch a course database and created integrated learning pathways tool for lifelong learners.



"The human-centric learning on Advanced Manufacturing aims to provide a sector-specific overview of skills relevant to Industry 4.0 and to develop a skills assessment tool.

LCAMP partners will develop and deliver micro-credentials and courses for the identified relevant career pathways for workers in advanced manufacturing and establish a clearing house.

In this first phase, the team is working on the creation of a technology and skills framework and identify relevant qualifications in I4.0 and advanced manufacturing in national desk researches.

Work Leader: Raimund Hudak ([DHBW, Germany](#))

PEOPLE IN FOCUS



In this section, we put forward the human-centric approach to the LCAMP project. Through talks with industry representatives, learners, teachers & trainers, academics & researchers and public authorities - local, regional and European levels-, we will discuss the Advanced Manufacturing sector's future from their perspectives.

LEARNERS



"IN THE FUTURE, I WOULD LIKE TO BE ABLE TO APPLY THE ACQUIRED SKILLS, IF I HAVE A JOB THAT DEMANDS IT."

Karlos Etxaniz Suinaga (57 years-old) is an Advanced Manufacturing student at the VET Centre, Miguel Altuna (Basque Country). He was unemployed while he was looking for a job he was informed about the sector alternatives. He found it very interesting and decided to join this new career path. Karlos's main goal to join an Advanced Manufacturing course was to learn and understand the concepts related to Industry 4.0.



Karlos Etxaniz Suinaga



[Let's talk with Karlos Etxaniz](#)



INDUSTRY



"AS LCAMP PROJECTS PARTNERS, IN SIMUMATIK, WE FEEL THAT WE CAN REALLY MAKE A DIFFERENCE"



Mikel Ayani



Mikel Ayani is the founder and CEO of Simumatik, LCAMP partner. He founded Simumatik in 2019 with the idea of creating an innovative and open platform to create emulation models.

He explained that one of the main challenges for AM industry is related to human resources and lack of knowledge, mainly in some trending technologies, like DTs, AI, robotics, etc. The technology is ready, but with the boom of I4.0, companies do not have enough human resources to test and implement these technologies in their organizations. It is also very difficult to hire professionals with these skills.

[Let's talk with Mikel Ayani](#)



ACADEMICS'



"ADVANCED MANUFACTURING NEEDS TO BE EXPERIENCED AND NOT JUST TAUGHT."

Prof. Dr.-Ing Klaus-Dieter Rupp is a professor of industrial engineering since the year 2000 DHBW-HEIDENHEIM (Germany). Awarded the Baden-Württemberg German State Teaching Prize 2011.

Prof. Dr.-Ing. Klaus-Dieter Rupp believes that they had to move away from simply teaching technical competence to imparting methodological competence and overarching competencies. In his opinion, Advanced Manufacturing needs to be experienced and not just taught. He explains that they need new forms of teaching that initially appear to be very complex. He stresses that in cooperation with the partners, this development can be spread over many shoulders.



Prof. Dr.- Klaus-Dieter Rupp

[Let's talk with... Professor Kalus-Dieter](#)



COOPERATION



LCAMP- Learner Centric Advanced Manufacturing CoVEs Alliance



ADMA TranS4MErs collaboration

[Read more](#)



JOIN LCAMP ALLIANCE

A network gathering VET learners and centres, institutions and the world of work from the Advanced Manufacturing sectors will assure the sustainability of the platform by forming a Skills Alliance.

LCAMP Alliance will sign agreements of cooperation with other networks and organisations (regional authorities, national VET/HVET centres, learning factories, SMEs active in AM, employer associations etc.)



[Join the Alliance](#)



SME – VET CONNECTION

A catalogue of training and offers to SMEs in all partner countries related to the Advanced Manufacture (ADMA) framework and transition model will be available.

What's more, it will be developed a support framework for SMEs to accelerate their digital and green transformation.

Supporting ambitious and innovative Manufacturing SMEs

to become Factories of the Future

XCHANGE PLATFORM

OPEN CALLS



TranS4MERS

LCAMP project is cooperating in different activities with the EU-funded project "[ADMA TranS4MErs](#)".



[Read more](#)



OPPORTUNITIES



UPCOMING EVENT

DIGITAL SKILLS FESTIVAL

Manchester & various venues
February 2023

The annual Digital Skills Festival uses that voice to bring the industry together to grow our tech talent, look at different pathways into the industry and how we can all work together to succeed.

Several events are organised: a Conference, Digital Apprenticeship Day, Talent Day, Industry Insights Day and Professional Development Days

[Read more](#)

TRAINING

CREATE YOUR OWN PRODUCTION LINE

Simumatik launches an online training course in which learner can learn how to create a production line. Don't worry, the Simumatik team will guide you during the process.

Basic knowledge in modifying and connecting components and in PLC programming is required.

Course Duration: 1h

[Enrol now](#)

SMES

LIVE DISCUSSION ON APPRENTICESHIPS & SMES

On 14 December 2022, the European Alliance for Apprenticeships organised an online discussion to shine light on campaigns and different instruments used to involve SMEs in apprenticeships programmes across Europe.

[Read more](#)

UPCOMING EVENT

INDIVIDUAL LEARNING ACCOUNTS

Online, 9 February 2023

On 9 February 2023, EARLALL - in the framework of the WG Skills & Labour Market- invites you to join a webinar on Understanding Individual Learning Accounts which aim to ensure that everyone has access to relevant training opportunities that are tailored to their needs, throughout life and independently of whether currently employed or not.

With the European Commission, OECD & regional experts.

[Registrations opening soon](#)

RESOURCES

PACT FOR SKILLS COMMUNITY RESOURCES CENTRE

The Pact for Skills is one of the flagship actions of the European Skills Agenda. It aims to get public and private organisations together and encourage them to make concrete commitments to upskilling and reskilling adults.

The members can benefit from a community resources centre with Networking, Guidance and Knowledge Hubs.

The Pact can be joint by any private or public organisation or partnership of organisations which aim to upskill or reskill people of working age.

[Read more](#)

EU FUNDING

EU OPEN CALLS

Erasmus+ Call for proposals 2023 has been published: €4.2 billion to support mobility and cooperation in education, training, youth and sport. In this call is included the application for new Centres of Vocational Excellence.

Horizon EU work programme for 2023-2024 has been adopted by European Commission, €13.5 billion to shape EU Research & Innovation future.

MEET THE TEAM



The LCAMP consortium is composed of 20 full partners from 10 countries, of which 9 are educational organisations, 7 are industrial companies and 4 are VET and industrial associations. The consortium is also supported by 60 associated partners.



[Meet the team](#)



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