



Learner Centric Advanced Manufacturing Platform

## NEWSLETTER

EUROPEAN YEAR OF SKILLS SPECIAL EDITION

An international project working to build a sustainable future of Advanced Manufacturing, starting with the learner.



## Welcome to the LCAMP Newsletter

This is the second edition of the newsletter, with the first released in December 2022. If this is your first time reading the newsletter, then we are excited to have you learn about the progress in the Learner Centric Advanced Manufacturing Platform, particularly in the context of the launch of the European Year of Skills 2023, which kicked off officially on May 9. LCAMP is working to provide the skills for the future of Industry 4.0, as the project aims to become the European reference platform for knowledge, generation and exchange, collaboration and service provision for VET/HVET centres and companies working in the Advanced Manufacturing sector. To do this, project partners have set ambitious targets in ten work packages, including a skills observatory, highlighted in this newsletter edition.



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Want to read about the LCAMP project in the context of other VET initiatives? The LCAMP project was featured in the March 2023 edition of the European Forum for Technical and Vocational and Educational Training (EfVET) magazine. [Read it here!](#)

# NEWS

## PARTNERS MEET IN TOULOUSE FOR THE SECOND TRANSNATIONAL PARTNERS' MEETING

The Learner Centric Advanced Manufacturing Platform for Centre of Vocational Excellence (CovEs) meeting took place on 17-18 January in Toulouse (France), hosted by Mecanic Vallée in cooperation with Campus des Métiers et des Qualifications d'Excellence at the Maison de la Formation Jacqueline Auriol, a regional Training / Research / Innovation and Technology Transfer centre dedicated to aeronautics and aerospace.



During the two days, parallel workshops were organised to advance LCAMP activities to build the future platform. Partners also had the opportunity to learn more about the work of the Aerospace Valley cluster. Maude Perier-Camby, European Project Manager, explained that their goals are to lead the network and support the members in innovation and in particular to guide partners in their digital transition, environmental transition and international development and competencies and skills.

[Read more](#)

## INTERNATIONAL WOMENS' DAY HIGHLIGHTS GENDERED SKILLS GAPS IN ADVANCED MANUFACTURING

The 8th of March was International Women's Day. A 2021 report from the Bureau of Labor Statistics (BLS) highlights how substantial manufacturing's gender gap truly is. Women hold 47% of all jobs in the U.S., but they account for just 29.4% of manufacturing positions. As LCAMP seeks to address the gap in skills in the advanced manufacturing industry through a learner-centric perspective, the project is engaged to ensure that skill-building opportunities are attractive and available to all, no matter the gender.

**Did you know?**  
There's an Advanced Manufacturing Skills Shortage in Europe.  
**Did you also know?**  
Only 33% of the current industry workers are women.\*

\* CECIMO, 2020  
\* The Manufacturing Institute

**#LCAMP\_EU**

[lcamp.eu](http://lcamp.eu)

Co-funded by the European Union

As the project progresses, LCAMP partners are committed to keeping in mind the current gender disparities in the industry.

[lcamp.eu/news](http://lcamp.eu/news)

# 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](#)

## THE STRATEGIC PLAN OF THE LCAMP ALLIANCE IS OUT NOW

LCAMP partners are pleased to have completed the first deliverable for WP2 – the LCAMP Alliance. The Strategic Plan sets out the premises, challenges, opportunities and vision for the LCAMP Alliance. The Alliance will be the permanent structure that ensures that LCAMP is not only a European project with a finite life.

### LCAMP's Alliance offers solutions to:

- Underestimation of VET capacity
- Diversity of European VET system
- Lack of awareness of the role of VET in S3 strategies
- Inflexibility of VET
- Adaptation of VET to the Twin Transition
- Lack of integration of soft skills into VET systems
- Underdeveloped CoVEs connections



[Read the strategic plan here](#)

## LCAMP PARTNERS PRESENT THE COLLABORATIVE LEARNING FACTORY DURING THE 13TH CONFERENCE ON LEARNING FACTORIES

On May 9-11, LCAMP partners TKNIKA, CIFP Miguel Altuna LHII and Baden-Wuerttemberg Cooperative State University (DHBW) are at the CLF 13TH CONFERENCE ON LEARNING FACTORIES at the Reutlingen University, Germany. Two papers from project partners were presented in the outcoming Conference on Learning Factories, during two panels:

Unai Ziarsolo and Liher Errasti along with Iñigo Araiztegui Arraiz, Josune Irazabal, Klaus-Dieter Rupp and Raimund Hudak present on Collaborative Learning Factories as a tool for the learner Centric Advanced Manufacturing Platform. The Collaborative Learning Platform is the sixth working group of LCAMP, aiming to create a learning factory fit for the future of advanced manufacturing.



[Read more here](#)



# SKILLS FOR THE FUTURE OF ADVANCED MANUFACTURING



## LCAMP's focus on skills and the European Year of Skills 2023

The Year of Skills was officially proposed by the European Commission in October 2022 and the year was launched on May 9, 2023, with the European Skills Festival. It was launched to help people get the right skills for quality jobs and also to help small and medium enterprises to address skills shortages in the EU.

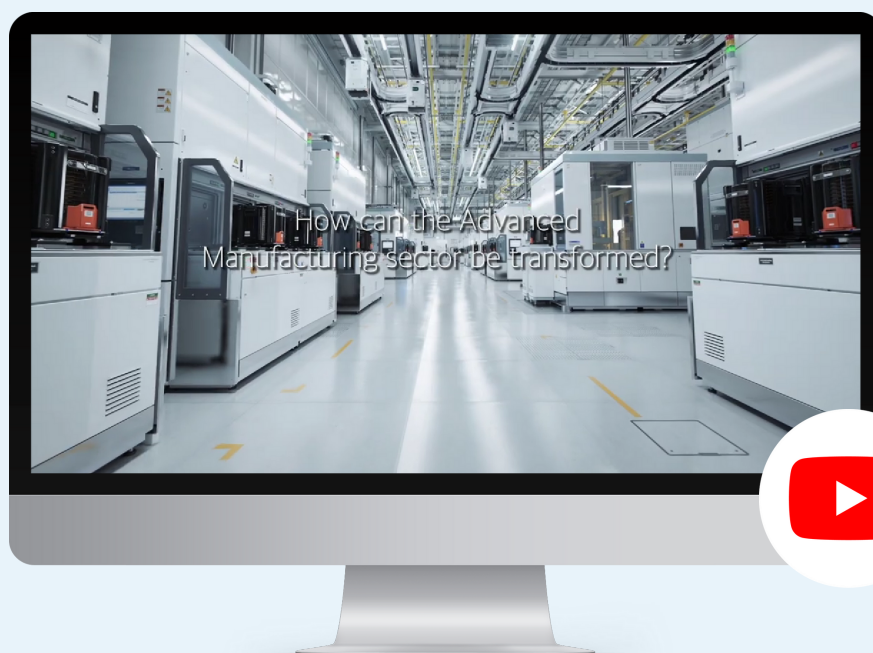
The Year will act as an impetus for lifelong learning, creating a new momentum to reach the EU 2030 social targets of at least 60% of adults in training every year, and at least 78% in employment. It will also ensure that the European workforce is equipped to deal not only with the twin digital and green transition, but also with a just skills revolution.

LCAMP is gearing up towards the green and digital transition by ensuring that the future of the advanced manufacturing industry is more sustainable and resilient. It puts **resilience, sustainability and adaptability skills** to the forefront for Vocational Education and Training learners and teachers.

To foster the right skills for the future of advanced manufacturing, LCAMP will offer a learner-centric skills observatory which will inform LCAMP's range of learner-centric training.

## Watch the LCAMP Video to understand how skills for the future are fostered

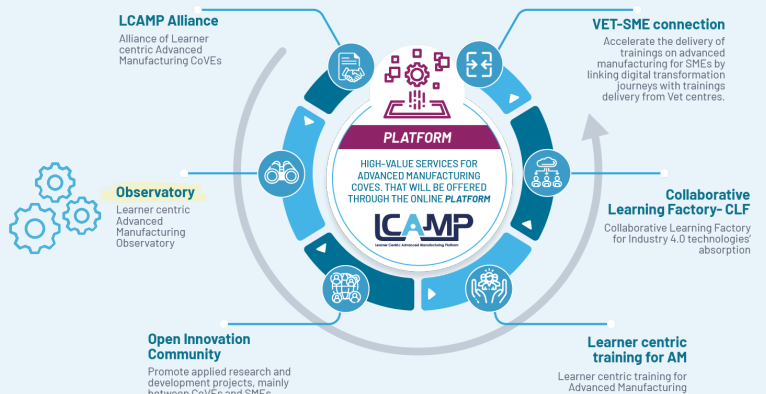
Discover the LCAMP project, how the services intertwine and how the project is preparing the Advanced Manufacturing sector for the green and digital transition.







# THE LCAMP SKILLS OBSERVATORY: AN INTERVIEW WITH AUDREY LE BRAS



"This tool will help learners get a better understanding of the existing technologies and training to build their own learning paths".

## What are the challenges of learners?

Finding information related to advanced manufacturing can be challenging for learners. The information is dispersed between sources and/or poorly indexed online. Through the Observatory they will be able to easily find sources and information about training, technologies, jobs and skills related to advanced manufacturing in one place.

A learner-centric skills observatory is one of the planned outcomes of LCAMP. We spoke with Audrey Le Bras, European project officer at CMQE Industrie du Future. CMQEIf, along with Mecanic Vallée, is an LCAMP partner leading the development of this outcome.

## Tell us how you got involved in LCAMP...

CMQEIf was chosen by the French Ministry for Education to represent France along with Mecanic Vallée in this consortium. As an organisation that promotes training in Industry 4.0 it was an ideal partner for this future learning-centric advanced manufacturing platform. This allows the CMQE to go beyond the national scope to promote advanced manufacturing training internationally through strategic cooperation.

## Tell us about the skills observatory...

The final outcome is to create an observatory dedicated to advanced manufacturing that will become the single point of reference for reliable monitoring of this sector. This tool will help learners get a better understanding of the existing technologies and training to build their own learning paths.

## Tell us what makes LCAMP special...

To me, LCAMP is a large-scale cooperation project allowing synergy between international partners and highlighting vocational excellency. As a project manager with no prior experience in STEM, this project has been an opportunity for me to truly step out of my comfort zone and learn about advanced manufacturing and Industry 4.0. I consider myself lucky to be able to tackle this innovative challenge.

-Audrey Le Bras, European Project Manager, CMQEIf Occitanie



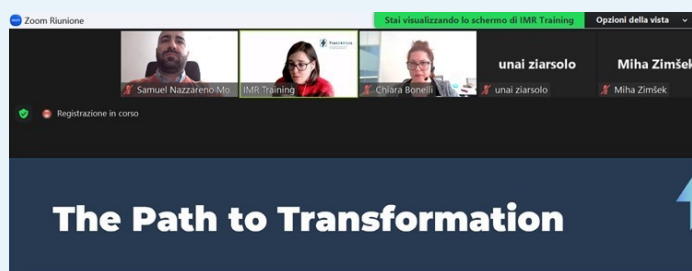
## BUILDING PARTNERSHIPS


**Trans4MERS**

LCAMP project is cooperating in different activities with the EU-funded project "[ADMA Trans4MERS](#)".

In order to develop skills during the European Year of Skills and beyond, the LCAMP partnership is committed to building strong connections between VET providers and Small and Medium Businesses (SMEs). The VET-SME service works on bridging the gap between the needs of SMEs and the skills and expertise available in the VET sector, particularly through cooperation with the [ADMA Trans4MERS project](#).

ADMA Trans4MERS is a 3-year Horizon 2020 project running from October 2021 to September 2024, which aims to accelerate the transformation of manufacturing companies into "Factories of the Future" able to successfully approach green and digital challenges. The LCAMP Work Package on SME-VET connection works on bridging the gap between the needs of SMEs and the skills and expertise available in the VET sector. For this reason, since the drafting of the Erasmus project proposal, a strong synergy between LCAMP and ADMA Trans4MERS has been envisaged.



On the 28th of February 2023, LCAMP partners participated in a dedicated workshop organized by Irish Manufacturing Research (IMR), coordinator of the ADMA Trans4MERS project. The Quality Mark webinar has marked the final step in the training programme of more than twenty LCAMP colleagues to become certified Trans4MERS under the ADMA Methodology.

[Read more](#)



## NEXT LCAMP PROJECT MEETING IN TÜRKİYE

For the third in-person Transnational Partners' Meeting (TPM) LCAMP partners will be traveling in June 2023 to Türkiye. The meeting will be hosted by Kocaeli Provincial Directorate of National Education Kocaeli Milli Eğitim Müdürlüğü; and will be an opportunity to strengthen the international cooperation and multinational aspect of the LCAMP consortium.



# LCAMP AROUND THE WORLD



## PARTNERS ARE SHARING THE LCAMP PROJECT AT LOCAL ADVANCED MANUFACTURING AND VET EVENTS

### FRANCE

On 8 December 2022, the Transfo Digitale Day was held at La Cité in Toulouse (France), a series of conferences and roundtables, both in person and online, on digital transformation for business. Hervé Danton (Mecanic Vallée, partner) presented the LCAMP project, and underlined the role that this future platform could play for Advanced Manufacturing in Europe.

[Read more](#)

### BASQUE COUNTRY

During the TKNIKA Open Days (27 - 28 March 2023), the Project coordinator pointed to LCAMP as an example of one of their international Centres of Vocational Excellence projects that works within digitalisation and greening in Basque VET colleges. Meanwhile, during the International Congress of Vocational Training, Miguel Altuna referred to LCAMP as an example of innovation in VET.

### TÜRKİYE

[Read more](#)

In March 2023, the Turkish project team of the LCAMP Project, of which Kocaeli Provincial Directorate of National Education, Gebkim Vocational and Technical Anatolian High School and GEBKİM OIZ are partners, took part in the IMATECH Fair. They explained the objectives of the LCAMP project and the work to be carried out with the project to the participants.

[Read more](#)

### CANADA

LCAMP partners, Tknika and Miguel Altuna from the Basque Country, presented LCAMP at the WFCP 2023 Congress in Montréal, Canada. LCAMP partners, Tknika and Miguel Altuna, presented LCAMP's Collaborative Learning Factory and innovative SME-VET connections.

[Read more](#)



IMATECH Fair



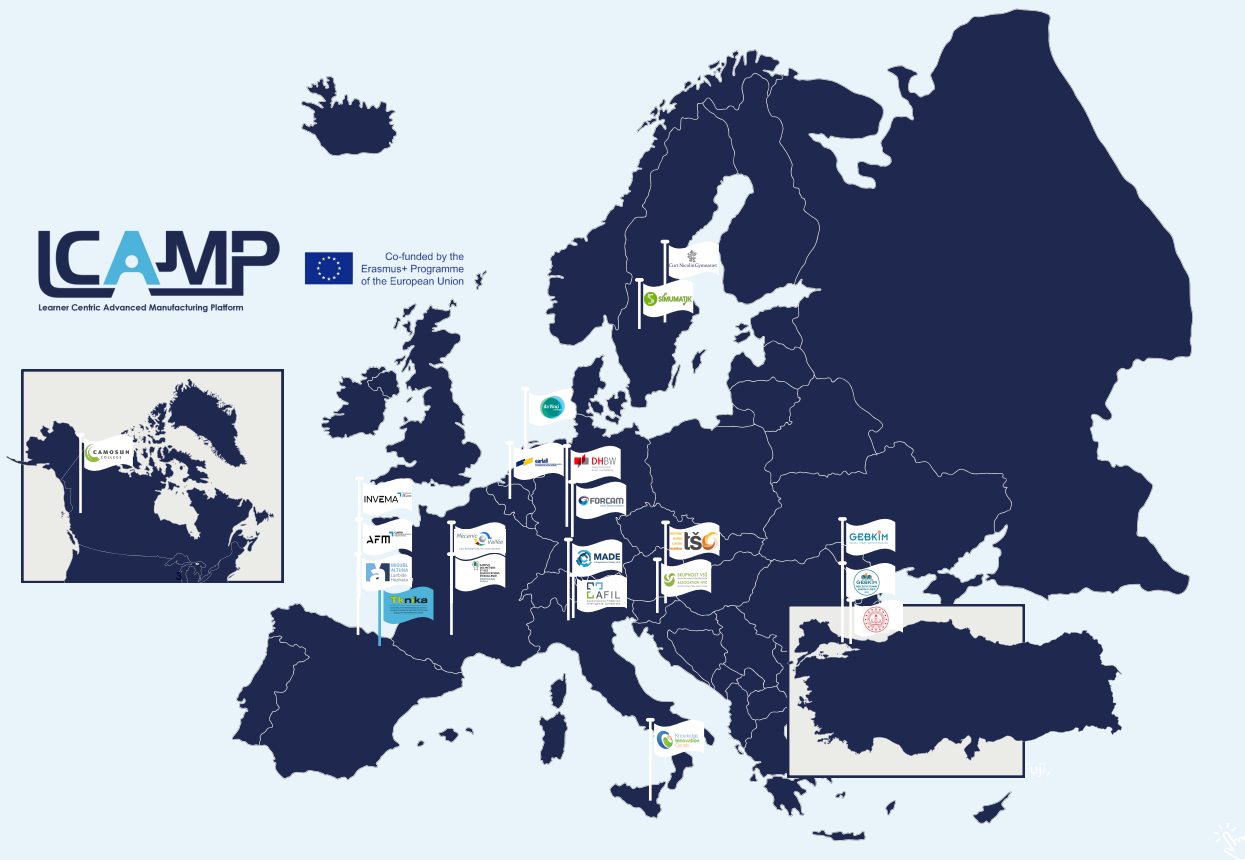
TKNIKA Open Days



Transfo Digital Day



# 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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