



Learner Centric Advanced Manufacturing Platform



# General Introduction

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Learner Centric Advanced Manufacturing Platform

**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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# CONSORTIUM

The LCAMP consortium is composed of 19 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 61 associated partners.





# ICAMP

Learner centric Advanced  
Manufacturing Platform



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**20** Full Partners

 VET providers

 Industrial Associations,  
VET Associations





**60** associate partners

 VET/HVET Centres and  
VET Associations

 Companies, Associations of  
Companies, R&D centres

 Regional Education Bodies,  
European Networks

## CANADA

 Camosun College  
 2  6  2

## United Kingdom

 1

## BELGIUM

 EARLALL  
 1  4

## FRANCE

 CMQE  
 Mecanic Vallée  
 4  6  3





## SPAIN

 TKNKA  
 CIFP Miguel Altuna  
 AFM  
 3  7  3

## ITALY

 MADE  
 AFIL  
 1

## GERMANY

 DHBW  
 FORCAM  
 4  1

## NETHERLANDS

 ROC DaVinci College  
 2

## SWEDEN

 Curt Nicolin Gymnasium  
 Simumatik  
 1

## SLOVENIA

 TSCM  SKUPNOST SSV

## TURKEY

 GEBKİM VET  
 KPDonE  
 GEBKİM OIZ  
 1  3  3

## MALTA

 Knowledge Innovation Centre

# Vision, mission and strategic goals



## VISION

LCAMP aims at becoming 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.



## MISSION

Collaboration and networking between VET/HVET centres and companies/company associations working in the Advanced Manufacturing sector to reduce skills gaps in the industry and to transfer knowledge between VET centres and companies.



## STRATEGIC OBJECTIVES

- ☐ To create a Trends Observatory for AM
- ☐ To develop mechanisms for Skills definition, learning paths, microcredentials...
- ☐ To Set up an Open Innovation Community
- ☐ To run a Collaborative Learning Factory
- ☐ To promote Synergies with other EU initiatives
- ☐ To position the platform in Europe
- ☐ To make the platform self-sustainable





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Manufacturing Platform

**LCAMP** will support and empower regional AM CoVEs 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. LCAMP supports regions grow and be more competitive through their VET systems.



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## WP2 LCAMP Alliance

Alliance of Learner centric Advanced Manufacturing CoVEs

## WP3 Observatory

Learner centric Advanced Manufacturing Observatory

## WP4 Open Innovation Community

Promote applied research and development projects, mainly between CoVEs and SMEs

## WP7 VET-SME connection

Accelerate the delivery of trainings on advanced manufacturing for SMEs by linking digital transformation journeys with trainings delivery from Vet centres.

## WP6 Collaborative Learning Factory- CLF

Collaborative Learning Factory for Industry 4.0 technologies' absorption

## WP5 Learner centric training for AM

Learner centric training for Advanced Manufacturing

**WP2 to 7**  
HIGH-VALUE SERVICES FOR  
ADVANCED  
MANUFACTURING COVES  
OFFERED THROUGH THE  
ONLINE PLATFORM  
FOR LEARNER  
CENTRIC ADVANCED  
MANUFACTURING  
(WP8)

## WP1 Project management, quality assurance and risks management

## WP9 Dissemination and exploitation

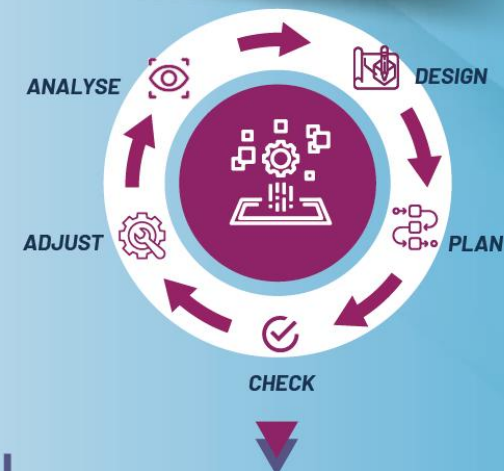
\* Wp1 and Wp9 Are transversal and apply to the all wps

## WP8



**PLATFORM** for Learner Centric Advanced Manufacturing

THE PERMANENT EUROPEAN PLATFORM OF VOCATIONAL EXCELLENCE FOR ADVANCED MANUFACTURING WILL PROVIDE A ONE-STOP-SHOP SERVICE FOR ACCESSING ALL SERVICES, DATA AND INFORMATION GENERATED BY THE PROJECT.



## WP10



Action Plan

Which will ensure the sustainability of the project after the end of the funding

# ACTIVITIES

LCAMP platform for Advanced Manufacturing aims to be a digital one-stop-shop for accessing all services, data and information produced during the life's project:



## **A skills and jobs observatory on Advanced Manufacturing**

Building an observatory on advanced manufacturing tendencies from a VET perspective.



## **An open innovation community**

A community of best practices to articulate applied research actions that underpin the activities of the CoVes.

In cooperation with industry, the Vocational Education and Training sector and regions.



## **A Learner centric training for Advanced Manufacturing**

Developing teaching and learning content on Industry 4.0 -specific qualifications, skills assessment, a database of I4.0 specific courses and micro-credentials, integrated learning pathways tool for LLLs and develop and provide micro-credentials for new and existing Industry 4.0 specific qualifications.



## **Advanced Manufacturing learning factories**

Factory labs for advanced manufacturing training (in VET).



## **SME – VET connection**

- Create a catalogue of training and offer them to SMEs in all partner countries related to the ADMA framework and transition model.
- Develop a support framework for SMEs to accelerate their digital and green transformation

# COOPERATION WITH KEY STAKEHOLDERS



## **LCAMP- Learner Centric Advanced Manufacturing CoVEs Alliance**

- A network of VET centres and companies from the AM sector that will assure the sustainability of the platform in the form of 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.)



## **ADMA TranS4MErs**

- Connection with the EU initiative ADMA TranSf4MErs to support SMEs to accelerate their digital transformations.
- LCAMP adopts its methodology and joins forces to deliver advanced training for SMEs.





# TARGET GROUPS



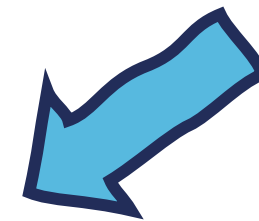
## VET CENTERS



## INDIVIDUAL LEARNERS, STUDENTS AND LLL



## SMES, LARGE COMPANIES, INDUSTRIAL ASSOCIATIONS



HOW CAN  
STAKEHOLDERS  
BENEFIT FROM  
LCAMP?

### VET CENTERS

- Join the LCAMP Alliance
- Join the Collaborative Learning Factory environment. Get support to create your own i4.0 labs
- Open training material
- Get support from the LCAMP Open Innovation Community to foster applied research

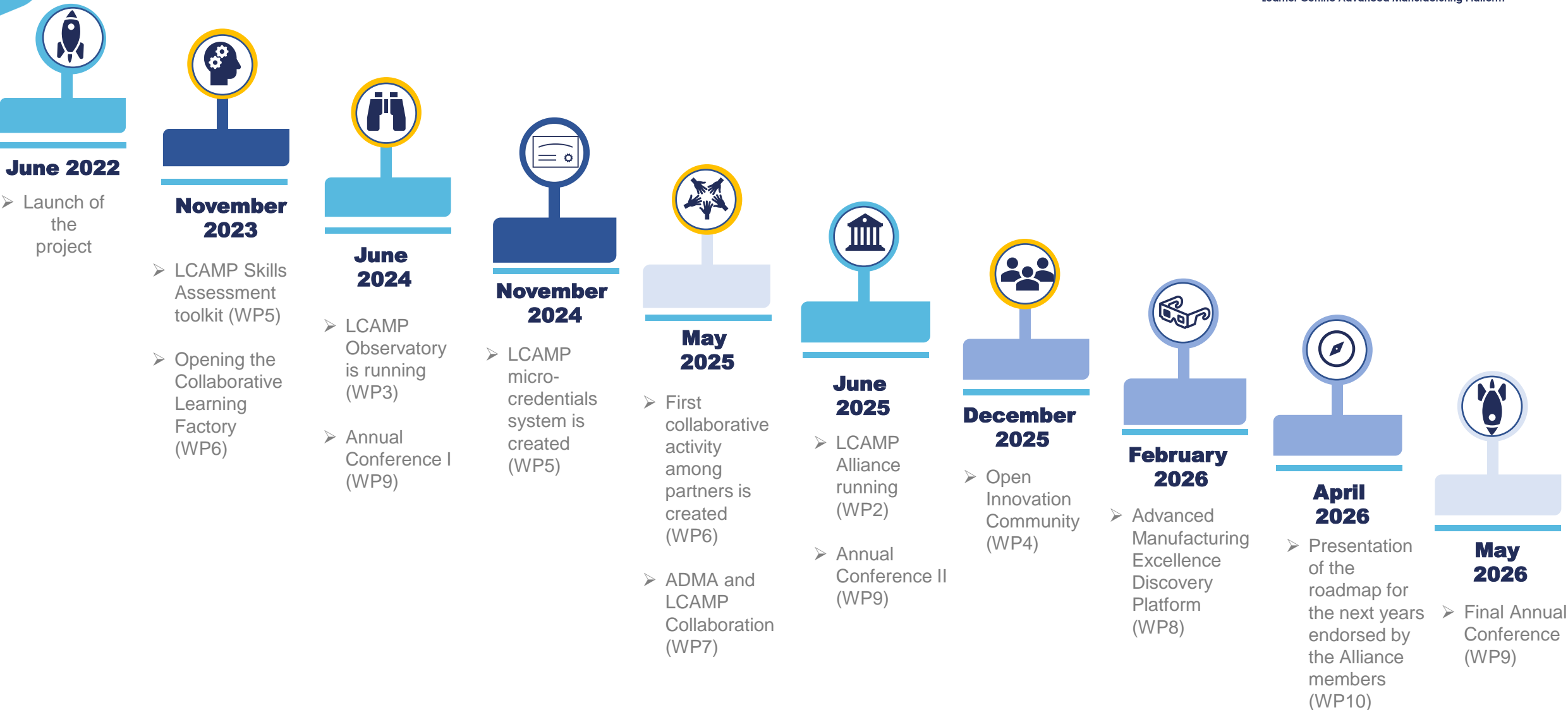
### INDIVIDUAL LEARNERS, STUDENTS AND LIFELONG LEARNING

- Learning pathways,
- Skill assessments
- Microcredentials
- Upskilling opportunities
- (Regional) Training catalogues

### SMES, LARGE COMPANIES, INDUSTRIAL ASSOCIATIONS

- Links with ADMA TranS4MErs
- Get support for upskilling actions
- Technical services, applied research opportunities

# TIMELINE





Learner Centric Advanced Manufacturing Platform



#LCAMP\_EU



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[@LCAMP\\_EU](https://twitter.com/LCAMP_EU)



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