LCAMP

Learner Centric Advanced Manufacturing Platform

General Introduction

LCAMP

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.

CONSORTIUM

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.

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Co-funded by the European Union

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

GERMANY
- DHBW
- FORCAM
- 4   1

NETHERLANDS
- ROC DaVinci College
- 2

United Kingdom
- 1

BELGIUM
- EARLALL
- 1   4

FRANCE
- CMQE
- Mecanic Vallée
- 4   6   3

SWEDEN
- Curt Nicolin Gymnasium
- Simumatik
- 1

SLOVENIA
- TSCM   SKUPNOST SSV

SPAIN
- TKNIKA
- CIFP Miguel Altuna
- AFM
- 3   7   3

TURKEY
- GEBKİM VET
- KPDonE
- GEBKİM OIZ
- 1   3   3

ITALY
- MADE
- AFIL
- 1

MALTA
- Knowledge Innovation Centre

Vision, mission and strategic goals

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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.

MISION

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-sustainab

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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.

WP2
LCAMP Alliance
Alliance of Learner centric Advanced Manufacturing CoVEs

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.

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

WP3
Observatory
Learner centric Advanced Manufacturing Observatory

WP6
Collaborative Learning Factory- CLF
Collaborative Learning Factory for Industry 4.0 technologies' absorption

WP4
Open Innovation Community
Promote applied research and development projects, mainly between CoVEs and SMEs

WP5
Learner centric training for AM
Learner centric training for Advanced Manufacturing

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.

ANALYSE

DESIGN

ADJUST

PLAN

CHECK
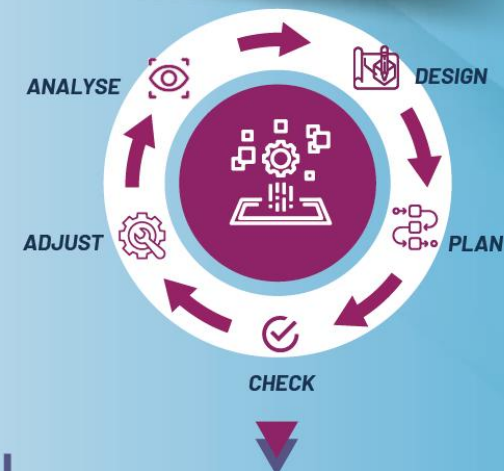
WP10
Action Plan
Which will ensure the sustainability of the project after the end of the funding

WP1
Project management, quality assurance and risks management

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

WP9
Dissemination and explotation

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.
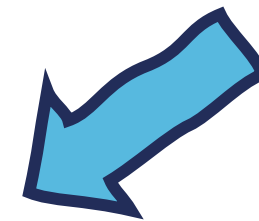
TARGET GROUPS

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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
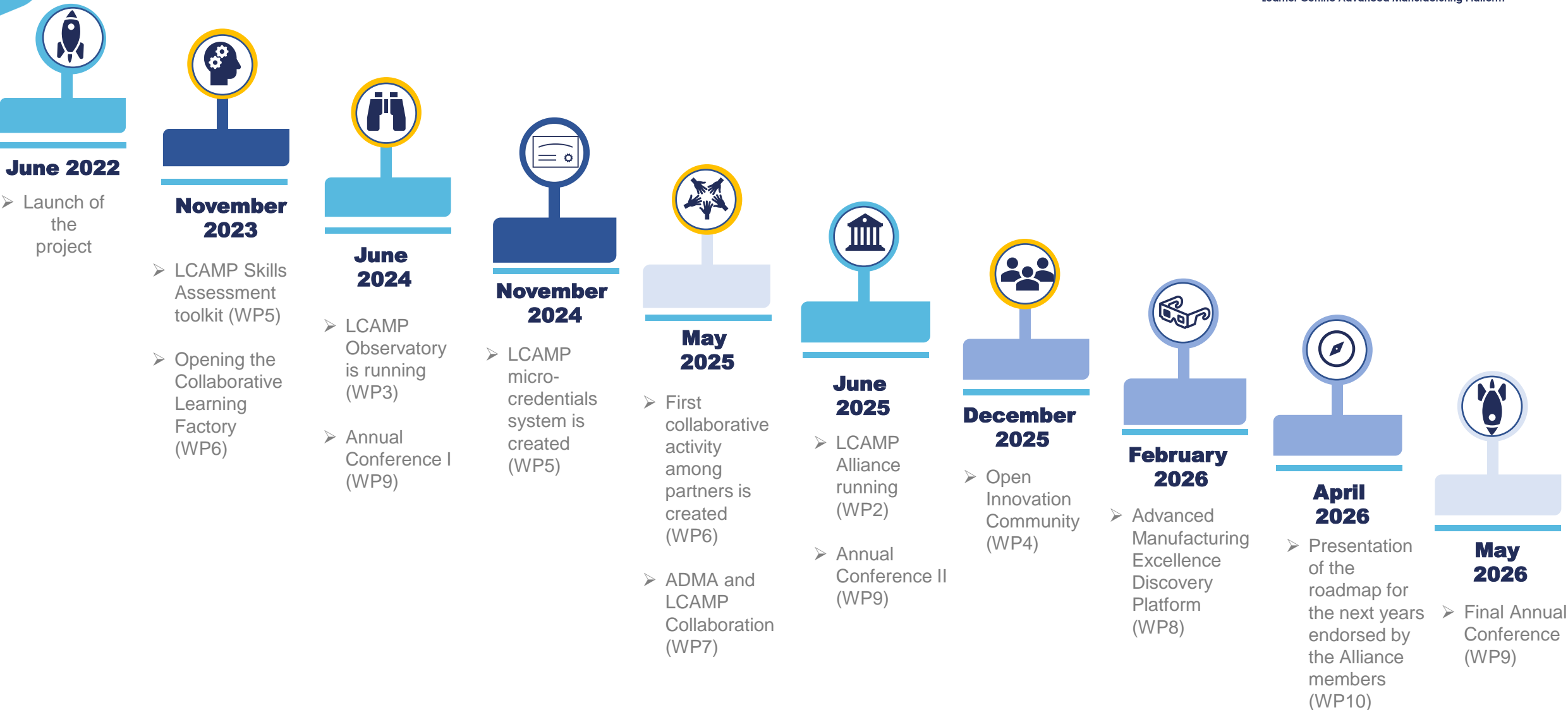
INDIVIDUAL LEARNERS, STUDENTS AND LIFELONG LEARNING

- 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

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TIMELINE

LCAMP
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June 2022
- Launch of the project

November 2023
- LCAMP Skills Assessment toolkit (WP5)
- Opening the Collaborative Learning Factory (WP6)

June 2024
- LCAMP Observatory is running (WP3)
- Annual Conference I (WP9)

November 2024
- LCAMP micro-credentials system is created (WP5)

May 2025
- First collaborative activity among partners is created (WP6)
- ADMA and LCAMP Collaboration (WP7)

June 2025
- LCAMP Alliance running (WP2)
- Annual Conference II (WP9)

December 2025
- Open Innovation Community (WP4)

February 2026
- Advanced Manufacturing Excellence Discovery Platform (WP8)

April 2026
- Presentation of the roadmap for the next years endorsed by the Alliance members (WP10)

May 2026
- Final Annual Conference (WP9)

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