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PROJECT / CEMIVET /
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Circular Economy in Metal Industries VET - CEMIVET

Project Coordinator

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Project Partner

ALYTUS BUSINESS ADVISORY CENTER (LT), REI – REINDUSTRIA INNOVAZIONE - S.Cons.r.l. (IT),
METAINDUSTRY4. CLUSTER DE FABRICACION AVANZADA DE LA INDUSTRIA DEL METAL DE ASTURIAS (ES),
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Project Summary

The European metal industry is confronted with processes of innovation and transformation: Digitization create opportunities for automation, work simplification and new job profiles that can also be taken up by women. But this requires investment, process restructuring and new skills.

- The project will support SMEs in metal clusters and their staff to better understand ongoing transformations (e.g. climate crisis), to recognize their impacts and to undertake appropriate adaptation measures.
- The project will demonstrate Circular Economy possibilities, especially with regard to metal working, manufacturing and other processes.
- In addition, VET teachers and learners are to be involved in the project for the training and further education of specialists.
- Young people, especially young women, should learn about the new orientation of metal professions towards sustainability.

An analysis phase describing existing metal working and manufacturing, processes a. competences.

Related to results, partners define new competences that are to be taught using suitable methods, contribute to a convincing adaptable concept for a future-proof value creation in metal companies.

In the last phase the partners develop curricula. The R&D results and best-practice CE-examples that exist in metal SMEs will be systematically recorded on fact sheets and other learning materials. The partners will create and offer a Vocational Open Online Course VOOC and different Living Labs as multiplier events to disseminate the CE-learning content. Moreover, the project partners build up a supportive structure and give an overview about career chances. [Link to project card.](#)

Project Methods

- Involving the target groups in all work steps, starting with focus group interviews
- Future Thinking method is used and trained for the imagination of new work processes and goals
- Cradle2Cradle design method is introduced and trained for the development of new products
- Living Labs and TED ED talks will be used and established

Project Results

- knowledge of work processes, activities
- impact of metal SME activities on the environment and climate
- descriptions of the CE competences needed in different target groups
- identified potential of CE adjustments in metal SMEs
- activate the external participants as potential multiplier for
- teaching/ learning settings and materials for VET in metal occupations