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CROCEMS is an Erasmus+ project, that aims to fill a gap in VET and create a new course focusing on the introduction of Circular Economy in manufacturing sectors by using collaborative robotics to perform waste management.



[HTTPS://CROCEMS.EU/](https://crocems.eu/)



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COLLABORATIVE ROBOTICS FOR CIRCULAR ECONOMY IN MANUFACTURING

CROCEMS PROJECT

**2021-1-ES01-KA220-VET-
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✦ One of the first project results was the analysis on current needs based on identification of success cases of manufacturing companies performing Circular Economy and waste management.

Considering the necessary areas of knowledge and the pedagogical methodologies, a Joint Curriculum and an educational philosophy was prepared and optimized to fit the variety of target users.



1. Collaborative Robotics Basics
2. Sustainability & Circular Economy in Manufacturing Sectors
3. Lean Robotics Methodology
4. Circular Business Models for Waste Management
5. Circular Strategy Mapping & Value Networks for Waste Management
6. Product Development Cycle & Ecodesign

More information about the training course [here](#).



✦ The educational program is available in a MOOC platform with different training resources: from video lectures to digital curriculums, that offer a more agile, adaptive, student-centered approach to learning.

This online learning provide trainers, administrators and learners a reliable, secure and integrated system of personalized learning environments.