



PROBLEM/ISSUE ADDRESSED

Technologies are transforming dull and repetitive jobs into those requiring leadership and problem-solving skills. Manufacturing is on the forefront of this change, thus, it is critical to raise awareness among young students – specially girls which are underrepresented in this sector - for emerging career opportunities and the new skills set needed to thrive in the 4th industrial revolution.

SOLUTION

Development of a network of “Smart Manufacturing Demonstrators”, that together with videos and presentations are used to attract young students (in RIS countries) to technological areas related to the manufacturing industry.

WHY IT IS IMPORTANT FOR SOCIETY

Encouraging young students (ages 12-18) to pursue a career in manufacturing is a strategic societal concern and its importance is related to:

- Foster creative/critical thinking and entrepreneurial mindsets.
- Ensure an available and well-qualified future workforce, capable of dealing with the 4th industrial revolution’ challenges.
- Reduce stereotypes about manufacturing by showcasing manufacturing careers as varied, well-paid and rewarding.
- Promote gender balance in the manufacturing sector.
- Enhance the responsiveness of educators to these changes in skills.
- Achieve a strong, sustainable and balanced growth.

“ Thanks to EIT we were able to develop and implement a network of smart manufacturing demonstrators within 6 RIS countries ”



MAIN RESULTS & INSIGHTS



- More than 4000 students outreached within 6 different RIS countries.



- Creation of digital learning content for teachers training.



- Partnership with Skoda Auto.



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