

PROBLEM/ISSUE ADDRESSED

Brain drain and lack of perspective people in manufacturing sector is causing lot of problems in production and manufacturing processes, decreases level of innovation activities in manufacturing companies. There is also visible lack of interest of youth in STEAM education.

SOLUTION

Our solution aims to attract youth into STEAM education by realization of hands-on activities focused on topics of LEGO robots, Additive manufacturing and manufacturing processes. As consortium we have conducted research in 32 manufacturing companies in SVK, EST and GRE to precise needs of manufacturing sector in terms of workforce.

WHY IT IS IMPORTANT FOR SOCIETY

By our activity we want to attract more youth to manufacturing, improve future outlooks for job market and help to close the skills gap. Manufacturing sector is one of the most important sector of EU economy in terms of GDP and employment and key contributor to EU competitiveness.

“ Thanks to EIT we were able to continue and even widen with our hands-on activities and InMaS Hubs, conduct research and benefit from data and new contacts ”



MAIN RESULTS & INSIGHTS



- Several hands-on workshops for pupils realized with very positive feedback



- Research conducted, 32 manufacturing companies from SVK, EST and GRE joined research



- New cooperations with manufacturing companies were established with good potential for future innovation support activities and projects



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MAIN PRODUCT

InMaS project

AIM: Increasing attractiveness of STEAM
education by hands-on activities focused on
robotics, additive manufacturing and
manufacturing processes



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