



FACT SHEET BIP

Name institution	University of Udine Already confirmed partners: UdGirona, Uantwerp, UniBozen
Title / Name BIP: <i>(Enter the official name of the BIP)</i>	Digital and Sustainable/Green Transition in the Manufacturing Industry (draft title)
Abstract: <i>(Brief summary of the activity – what it is about in 3–5 lines)</i>	The Program aims to provide students with an introduction to the transition that is taking place in the manufacturing sectors with particular focus on technologies and applications and an eye to sustainability.
Goal: <i>(What is the main objective or purpose?)</i>	Provide students with fundamental knowledge and insights on different topics that are driving the transition in the manufacturing sectors, e.g. advanced mechatronics and manufacturing, collaborative robotics, digital twins, energy efficiency, <i>sustainability management</i> .
Topics covered: <i>(List the key themes or subject areas that will be addressed)</i>	Green mechatronics and Sustainable Manufacturing Human-centric Manufacturing and Collaborative Robotics Advanced robotics Digital Twins and simulation <i>Sustainability Management and Digital Transformation</i>
Expected outcome(s): <i>(What should students gain or achieve by the end?)</i>	# Understand different aspects of the Digital and Sustainable Transition in Manufacturing # Apply knowledge through group working on use-cases related to digital technologies and / or sustainable and green practices in the manufacturing industry
Start and end date of the BIP	23-27 February 2026 (to be confirmed)
Content of virtual component: <i>(Describe any online or hybrid elements – e.g., webinars, online modules, collaborative tools)</i>	Prerecorded lectures/webinars + project introduction and group definition online meeting(s)
Start and end date of the virtual component	Start: tbd End: 1 week before the starting of the in-presence activities
Maximum number of students: <i>(Total number of participants allowed)</i>	30 (max 10 from uniUD) (Students from 3 rd y BSc or MSc)
Maximum number per university: <i>(Limit per institution, if applicable)</i>	6
BIP ID <i>(If already available)</i>	NA