

FACT SHEET BIP

Name institution	Free University of Bozen-Bolzano Faculty of Engineering
Title / Name BIP <i>(Enter the official name of the BIP)</i>	Digital and sustainable transition in the automotive sector
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 automotive sector (e.g., efficiency, electrification, advanced robotics, digital twin, simulation, assistant systems, and additive manufacturing) with particular focus on the new technologies with an eye to sustainability. Beyond that, students will get the possibility to meet and cooperate with other students and professors from different countries and universities in an international and multicultural environment. The lectures are targeted to (third year) bachelor and master students, preferably enrolled in engineering programs like mechanical, automotive, mechatronics, electronics-ICT, environmental and energy engineering.
Goal <i>(What is the main objective or purpose?)</i>	Providing students with an introduction to the transition that is taking place in the automotive sector.
Topics covered <i>(List the key themes or subject areas that will be addressed)</i>	Tribology, Fatigue
Expected outcome(s) <i>(What should students gain or achieve by the end?)</i>	Students will be introduced to the recent advancements in the automotive sector.
Start and end date of the BIP	23-27 March 2026
Content of virtual component <i>(Describe any online or hybrid elements – e.g., webinars, online modules, collaborative tools)</i>	Webinars
Start and end date of the virtual component	16-20 March 2026

Maximum number of students <i>(Total number of participants allowed)</i>	100
Maximum number per university <i>(Limit per institution, if applicable)</i>	-
Webpage	https://www.unibz.it/it/events/international-week-blended-intensive-programme-bip-2026
BIP ID <i>(If already available)</i>	2024-1-IT02-KA131-HED-000211425-4