Milestone 7:

Reports on Joint Programmes, Course Units, BIPs and Micro-credentials.

Date: 26/09/2025

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Overview

In the following graphics, the current progress in relation to the final KPIs is being presented. Here, a differentiation between for example course units that already finished and course units that are running (meaning courses which are either running at the time of creating the report or are set for the following semester(s)) is made. For the Joint Programmes, the different stages of development are shown alongside the final KPIs.

Course Units
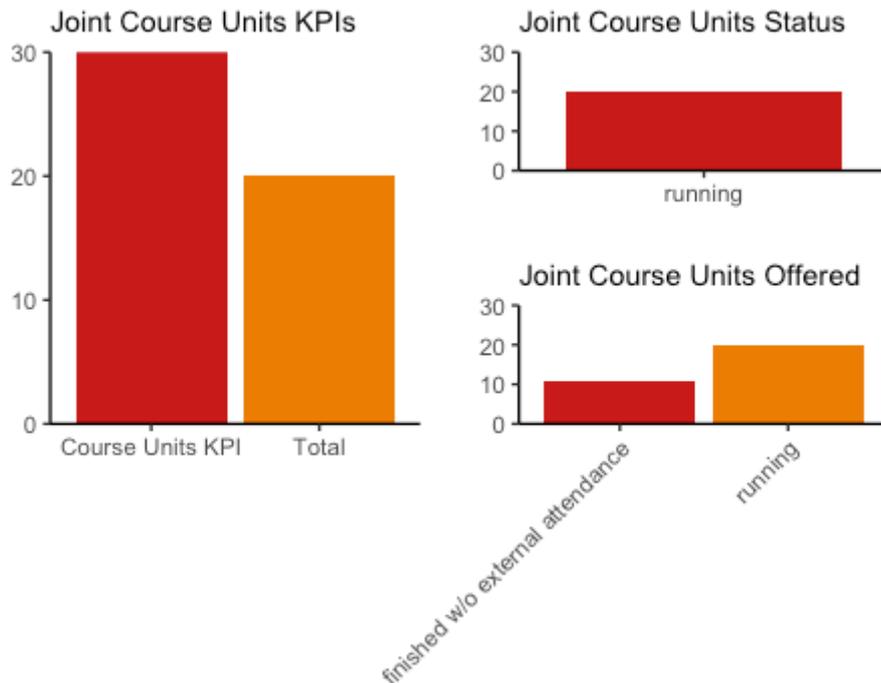
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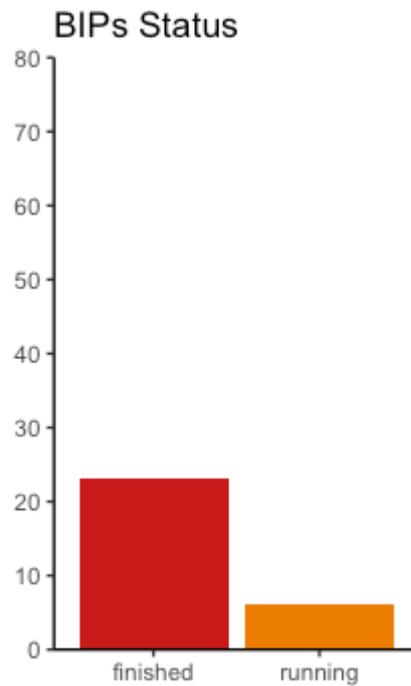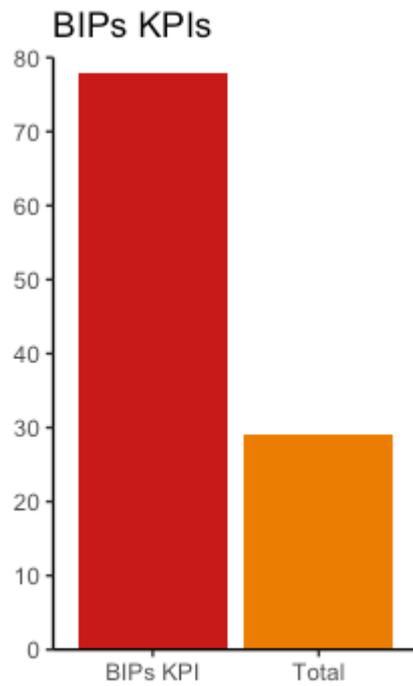
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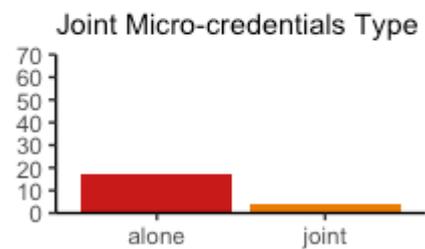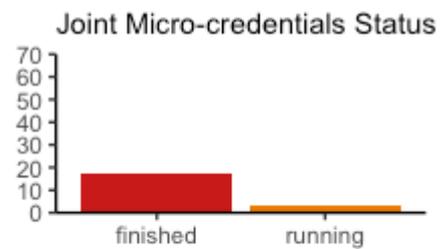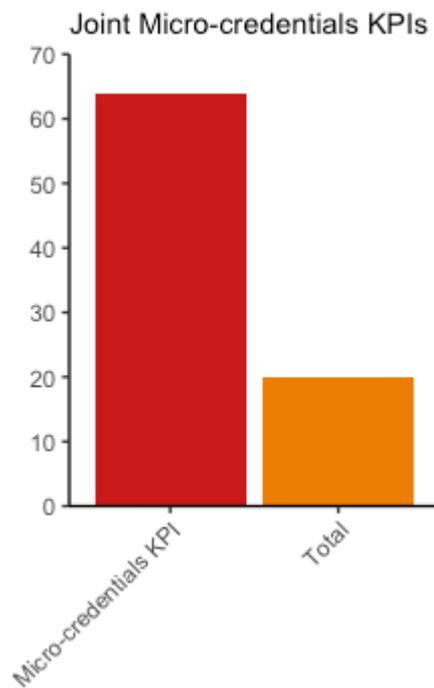
Joint Programmes

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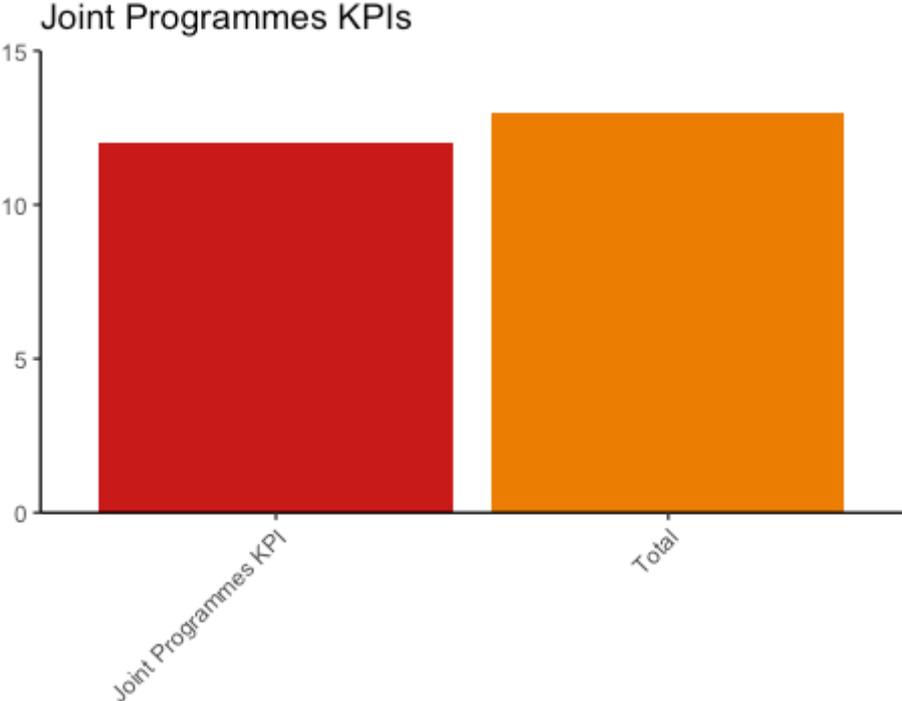
Joint Programmes Status
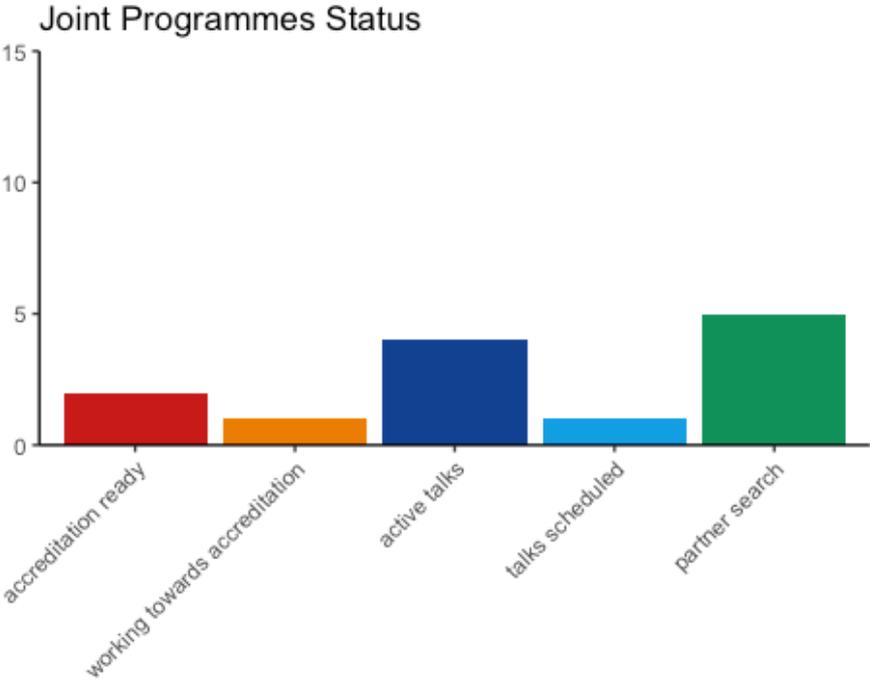
Course Units

Course units within STARS EU are currently mostly under development, though some are already running. This section presents the course units that are currently part of the offer within the alliance. A differentiation between those course units that have already finished and the ones that are either running or upcoming is being made.

Course units are those parts of the educational offer that. These offers can take different forms:

1) Courses by one partner institutions made available to other partner institutions' students

2) Courses jointly delivered by two or more partner institutions (for example in form of a COIL or MOOC)

3) Courses with guest lectures by other partner institutions included

Finished Course Units

The following represents a list of courses that have finished within the alliance.

Title	ECTS	Level	Coordinating	Partner

Finished Course Units w/o attendance

The following represents a list of courses that have finished within the alliance but did not receive students from other partner universities due to lack of applications

Title	ECTS	Level	Coordinating	Partner
Water and Wastewater Treatment	9	M.Sc.	CUT	HSB
Soil Remediation	4	M.Sc.	CUT	
Nanomaterials	2	B.Sc./M.Sc.	CUT	
Raw materials and processes of organic chemical technology	6	B.Sc.	CUT	HSB
Fundamentals of Chemical Engineering	5	B.Sc.	CUT	

Title	ECTS	Level	Coordinating	Partner
Additive Manufacturing	6	B.Sc./M.Sc.	CUT	HSB, UW
Fundamentals of Materials Engineering	6	B.Sc./M.Sc.	CUT	HSB
Heat and mass transfer	5	B.Sc./M.Sc.	CUT	
Heat engines	6	B.Sc./M.Sc.	CUT	HSB
Machine Learning in data processing and analytics	6	B.Sc./M.Sc.	CUT	HSB, UMLP
Natural Language Processing	6	B.Sc./M.Sc.	CUT	HSB

Upcoming Course Units

The following table represents a list of course units that will be offered within the alliance.

Title	ECTS	Level	Coordinating	Partner
Enterprise Theory	7	Bachelor	SUO	UMLP
Corporate Social Responsibility	6	Master	SUO	HSB, UMLP
Principles of Finance	6	Bachelor	SUO	HSB, UMLP, ULL
Strategic Marketing	6	Master	SUO	HSB, UMLP
Water and Wastewater Treatment	9	M.Sc.	CUT	HSB
Soil Remediation	4	M.Sc.	CUT	
Nanomaterials	2	B.Sc./M.Sc.	CUT	
Raw materials and processes of organic chemical technology	6	B.Sc.	CUT	HSB
Fundamentals of Chemical Engineering	5	B.Sc.	CUT	
Additive Manufacturing	6	B.Sc./M.Sc.	CUT	HSB, UW

Title	ECTS	Level	Coordinating	Partner
Fundamentals of Materials Engineering	6	B.Sc./M.Sc.	CUT	HSB
Heat and mass transfer	5	B.Sc./M.Sc.	CUT	
Heat engines	6	B.Sc./M.Sc.	CUT	HSB
Machine Learning in data processing and analytics	6	B.Sc./M.Sc.	CUT	HSB, UMLP
Natural Language Processing	6	B.Sc./M.Sc.	CUT	HSB
Logistics and Operation Management	6	Bachelor	HSB	UW, UMLP
Outer Campus	6	Master	HSB	
The arts and politics of social wellbeing	6	n/a	HSB	ULL
Experimental economics, Markets and Negotiation	3	Master	UMLP	SUO, HSB
Performance Measurement : Key performance Indicators	3	Master	UMLP	SUO, HSB

BIPs

BIPs, short for Blended Intensive Programme, are courses which include online as well as in-person elements. Therefore, these courses include a form of physical mobility, ranging between 5 and 30 days. These courses furthermore comprise of at least 10 mobile participants from partner universities.

The following table represents a list of the BIPs that are either completed or that are currently (or will soon be) running.

Title	Coordinating	Partner	Status
Norm-Consciousness and Health 6,0–7,5 ECTS Credits	UW	UW, IPB, SUO, HUAS	finished

Title	Coordinating	Partner	Status
Strategic Career Planning in PhD Education via Work-Integrated Learning – Blended Intensive Program	UW	UW, SUO, ULL, CUT, UAMD	finished
Mobile Programming and Technologies	CUT	CUT, HSB, IPB, UMLP	finished
Future Lab camp 2024-2025	CUT	CUT, HUAS, IPB, SUO, HSB, UW, ULL, UMLP, UAMD	finished
Startup Simulation Game	HSB	HSB, HUAS, IPB, ULL, SUO, CUT, UAMD	finished
Circular bioeconomy and sustainable innovation	UW	UW, HUAS, IPB, SUO, HSB, CUT	finished
Sustainability and ESG principles	IPB	IPB, SUO, HSB, UW, UAMD	finished
Circular Innovation Bootcamp	ULL	ULL, UAMD, IPB	finished
Digital Challenge Innovation Learning Lab (D-CHILL)	HUAS	IPB, HUAS	finished
Mastering the Art of Effective Presentations	SUO	SUO, IPB	finished
Smart Grids	IPB	IPB, ULL, CUT, HSB, HUAS	finished
Creativity for Inclusion (3rd edition) TIG: Arts and Creative Industries	IPB	IPB, HSB, ULL, UMLP, SUO, CUT, UW	finished
Equality, Equity, Diversity and Inclusion in STEM	IPB	IPB, SUO, UAMD, HSB	finished
Theories in Translator Training	IPB	IPB, SUO	finished
Sustainable urban and architectural transformations in the face of climate challenges. Kalwaryjska case.	CUT	CUT, HSB, IPB, UMLP	finished

Title	Coordinating	Partner	Status
Inclusion and Social Justice	UMLP	IPB, HSB, ULL, SUO, UAMD, CUT	finished
Business Sustainability and ESG	IPB	IPB, HSB, ULL, UMLP, SUO, UAMD, CUT, UW	finished
Startup Simulation Game	HUAS, HSB	HSB, HUAS, IPB, ULL, SUO, CUT, UAMD	finished
Unlocking Imagination (3rd edition)	IPB	IPB, HUAS, HSB, ULL, SUO	finished
Challenge Based Innovation	IPB	IPB, HUAS, HSB, SUO	finished
Pedagogical Innovation	SUO	SUO, UMLP, HSB, IPB	finished
Circular Bioeconomy	HSB	IPB, HSB, CUT, HUAS, SUO, UMLP	finished
Mobile Programming & Technologies	CUT	UMLP, HSB, CUT	finished
Creativity for Inclusion – Arts and Creative Industries (Staff and Teachers)	IPB	ULL	running
Heritage and video games highlights the intersection of culture and technology	IPB	IPB, UW, UMLP	running
Creativity for Inclusion (4th edition) TIG: Arts and Creative Industries	ULL	ULL, HSB, UMLP, SUO, CUT, UW	running
Machine Learning for Data Science	IPB	IPB, ULL, HSB	running
Mobile Programming & Technologies	UMLP	UMLP, HSB, CUT	running
Healthy Ageing in a global perspective	HUAS	HUAS, HSB, UAMD	running

Micro-credentials

Micro-credentials are smaller courses which are typically targeted towards professionals. However, Micro-credentials might as well have students as a target group. Usually, these offers stay in the range of 2 - 3 ECTS.

The following table represents a list of the Micro-credentials that are already completed or that are currently (or will soon be) running. Some of the Micro-credentials are being enlisted by one partner universities while other Micro-credentials are delivered jointly - indicated by a partner in the table.

Title	ECTS	Coordinating	Partner	Status
Financial management and performance analysis	3	IPB		finished
Skills for change	3	IPB		finished
Artificial intelligence and creativity	3	IPB		finished
Time Management	3	IPB		finished
Sustainability	3	IPB		finished
Internationalization strategies	3	IPB		finished
Productivity management	3	IPB		finished
Administrative innovation and modernization	3	IPB		finished
Marketing and digital content management	3	IPB		finished
Advanced Excel	3	IPB		finished
People Management and Leadership	3	IPB		finished
Wood structures	3	IPB		finished
Nutrition for specific groups		IPB		finished
Introduction to artificial intelligence and machine learning		UW		finished
Cybersecurity compliance	2,5	UW	IPB	finished
Cyber risk management	2,5	UW		finished

Title	ECTS	Coordinating	Partner	Status
Renewable electricity and energy storage	2,5	UW	IPB	finished
Artificial intelligence and creativity	3	IPB	UAMD	running
Advanced Excel	2	IPB	UMLP	running
Artificial Intelligence in Organizations		IPB		running

Joint Programmes

The STARS EU Alliances uses the term Joint Programmes to describe those degree programmes, which are either joint or double degree programmes.

The following table represents a list of Joint Programmes that are either being pursued as of now or that are implemented already.

Title	Coordinating	Partner	Progress	Level
Engineering and Management of Space Systems	HSB		partner search	Master
Civil Engineering - Sustainable Planning and Building M.Sc.	HSB	IPB, CUT	accreditation ready	Master
Master in Business Intelligence, Behavioral and Digital Economics for Effective Management	UMLP	HSB	active talks	Master
MASTER ARMAC (Advanced Robotics, Mechatronics and Automatic Control)	UMLP	IPB, HUAS, UW, CUT	active talks	Master
System and Software Engineering	UMLP	HSB, UW	partner search	Master
Maritime Environmental Protection & Management (MEP&M)	UAMD	HSB	talks scheduled	Master
Master in Energy Decarbonization	ULL	IPB, HSB, CUT	active talks	Master

Title	Coordinating	Partner	Progress	Level
Sustainable Development	UW	CUT	partner search	Master
Product and Process Innovation	HUAS	IPB, HUAS, HSB, CUT	working towards accreditation	Master
Chemical Engineering and technology	CUT	IPB, ULL	active talks	Master
Master in IT & Management	UW		partner search	Master
International Business Management	UAMD	IPB, HSB, UAMD, ULL	accreditation ready	Bachelor
Informatics/Information Systems focusing on AI	UW	IPB, HUAS, UAMD, UMLP, ULL	partner search	Bachelor