

WP1	CMU & COGNITUS	DELIVERABLES	PREPARATION	Due date	New Due date (extension 10 months)	End date
T1.1	ULL	D1.1 v1	Literature review of Industry4.0 in Europe, Asia and over the world	14 May 2019		14 May 2019
			<i>Literature review: Definition of Industry 4.0 + Analysis of existing concepts & models + Analyze of the current teaching and learning methods in EU & Asia (per domain)</i>			
T1.2	UNS	D1.1 v2	Identify the skills requested by Industry4.0	14 May 2019		14 July 2019
			<i>Define the maturity model and the framework of the questionnaire + validation + deployment + Summarize the survey</i>			
T1.3	UNL	D1.2	Analyse the gap by overlapping the skills4.0 with the existing skills in HEIs. Develop an emerging model (emerging skills; disparate skills, shift skills,...)	14 November 2019		14 November 2019
			<i>Analyse the gap by overlapping the skills4.0 with the existing skills in HEIs. + Develop an emerging model: Refinement of Skill Model 4.0</i>			
T1.4	UNL	D1.3	Develop the Skills 4.0 learning framework - Identify the relationship between the Skills & the SHYFTE 4 domains	14 November 2019		14 November 2019
			<i>Develop the Skills 4.0 learning framework + Identify the relationship between the skill4.0 and the SHYFTE 4 domains</i>			
T1.5	ULL	D1.4	Design teaching programs and learning materials for the 4 domains.	14 April 2020		14 June 2020
			<i>Define the learning programs + the Syllabus of the modules to develop</i>			

WP2	ULL & UPM		DEVELOPMENT (implementation of shyfte4.0 framework - Learning and training)	Due date	New Due date (extension 10 months)	End date
T2.1	KU-CMU	D2.1	Pilot in Domain1- Industrial engineering and management (Training materials)	14 March 2021	14 September 2022	14 September 2022
			<i>Learning Materials development: theoretical part, industrial use case, equipment used, infrastructure, material preparation... + Validation by the group of expert: Internal (1 or more expert per university partner) + External + Training of the trainer's sessions + learning Materials assessment & update + Student's maturity level assesment + Training of the students + Learning Materials assesment</i>			
T2.2	CUIT-CDU	D2.2	Pilot in domain2 - Software Engineering and big data analysis (Training materials)	14 March 2021	14 September 2022	14 September 2022
			<i>Learning Materials development: theoretical part, industrial use case, equipment used, infrastructure, material preparation... + Validation by the group of expert: Internal (1 or more expert per university partner) + External + Training of the trainer's sessions + learning Materials assessment & update + Student's maturity level assesment + Training of the students + Learning Materials assesment</i>			
T2.3	UPM	D2.3	Pilot in domain3 Wireless networks analytics (Training materials)	14 March 2021	14 September 2022	14 September 2022
			<i>Learning Materials development: theoretical part, industrial use case, equipment used, infrastructure, material preparation... + Validation by the group of expert: Internal (1 or more expert per university partner) + External + Training of the trainer's sessions + learning Materials assessment & update + Student's maturity level assesment + Training of the students + Learning Materials assesment</i>			
T2.4	UTM-CUIT	D2.4	Pilot in Domain4 - Artificial Intelligence (Training materials)	14 March 2021	14 September 2022	14 September 2022
			<i>Learning Materials development: theoretical part, industrial use case, equipment used, infrastructure, material preparation... + Validation by the group of expert: Internal (1 or more expert per university partner) + External + Training of the trainer's sessions + learning Materials assessment & update + Student's maturity level assesment + Training of the students + Learning Materials assesment</i>			
T2.5	UNL	D2.5	Develop the skills4.0 training and learning center	14 November 2021	14 September 2022	14 September 2022
			<i>Define the protocol of operation and internal articulation of the Learning Center of Excellence,</i>			
	UNL	D2.6	Learning Center as Innovation Lab.	14 June 2021	14 September 2022	14 September 2022

			<i>Report the Lab set-up for applications developments and devices use and testing in prototypes.</i>			
	UNL	D2.7	Develop the skills4.0 training and learning center	14 June 2021	14 September 2022	14 September 2022
			<i>Report the methodology for the technical and business evaluation of innovative technological solutions</i>			

WP3	CUIT & UNS		QUALITY PLAN	Due date	New Due date (extension 10 months)	End date
T3.1	UNS	D3.1 v1	Strategic Quality Plan Quality plan to verify the effectiveness of the learning program	14 November 2019		14 November 2019
			<i>Validation of the learning program by the companies (advisory board) + Validation of the learning program by the academics + Define an evaluation questionnaire for the trainers & for the students</i>			
T3.2	UNL	D3.1 v2	Formation Quality Plan (FQP)	14 June 2021	14 September 2022	14 September 2022
			<i>Define the Formation Quality Plan and the quality indicators to evaluate the transfer of skills</i>			
T3.3	CUIT	D3.2	Quality audits to analyse and evaluate the transfer of skills4.0 Measuring the impact of these skills in SME	14 July 2021	14 September 2022	14 September 2022
			<i>Design a set of indicators to measure the potential impact of these skills in the SMEs</i>			
T3.4	CMU	D3.3	Sustainability assurance plan	14 October 2021	14 September 2022	14 September 2022
			<i>Design a sustainability plan to ensure the continuation beyond the end of the project.</i>			

WP4	UNL & CDU		DISSEMINATION AND EXPLOITATION	Due date	New Due date (extension 10 months)	End date
T4.1	UNS	D4.1	Dissemination and exploitation strategy (Create strategic plan)	14 February 2019		14 February 2019
			<i>Visibility: identify a set of public/private entities where to make a presentation of the project + Dissemination: identify the events where to communicate the results; dissemination meetings + Dissemination: identify the external universities where to propose the results of the project + Exploitation: identify the industries where to present the new professionals formed</i>			
T4.3	UNL	D4.2	Project Website	29 March 2019		29 March 2019
			<i>Develop Website prototype, first version, test, final version of the website</i>			
T4.3	UNL	D4.3	Publicity	14 November 2020		14 November 2020
			<i>Report on leaflets, press releases, etc. Participation in social networks</i>			
T4.3	UNL	D4.4	Formal & informal meetings, conference days...	14 November 2021	14 October 2022	14 October 2022
			<i>Report on formal and informal meetings, coffee type, workshops, days, etc.</i>			
T4.2	CDU	D4.5 v1	Awareness dissemination and acceptance of emerging skills4.0	14 November 2019		14 November 2019
			<i>Report on dissemination activities for action.</i>			
T4.2	CDU	D4.5 vf	Awareness dissemination and acceptance of emerging skills4.0	14 November 2021	14 October 2022	14 October 2022
			<i>Report on dissemination activities for action.</i>			
T4.4	ULL	D4.6	Learning Centres and observatory exploitation.	14 June 2021	14 October 2022	14 October 2022

			<i>Design and create what will be the network of centres and the Industry 4.0 observatory for the region.</i>			
T4.4	ULL	D4.7	Scientific and technical dissemination (Conferences, workshops, seminars, ...)	14 November 2021	14 October 2022	14 October 2022
			<i>Report on scientific dissemination: publication in indexed journals, participation in national and international conferences</i>			

WP5	ULL		MANAGEMENT	Due date	New Due date (extension 10 months)	End date
T5.1 T5.2	ULL	D5.1	Project management coordination and reporting & Quality, Risk and Innovation management	29 March 2019		29 March 2019
			<i>Project Handbook & Quality Plan</i>			
T5.1	UNS	D5.3 v1-v3	Project management coordination and reporting	14 November 2021	14 October 2022	14 October 2022
			<i>SHYFTE Periodic Reports</i>			
T5.1	ULL	D5.2	Project management coordination and reporting	14 November 2021	14 October 2022	14 October 2022
			<i>SHYFTE Final Report</i>			