j	Allview resourc categor	mapping	spic (choose)	Title of the learning resource	Description of the content of the learning ressource	searing outcomes / dejectives jouriability from the write thems. <u>u.ext</u>	Keywords up to 5 keywords to describe the learning resource	Type of learning resource (choose)	Access (choose)	License type (choose)	Name of the institution or project that holds the learning resource	Webliek to learning resource. A permanent link to the exact webpage where the digital object is hosted (please make sure of the permanency, often it's not valid to	Language of learning resource	Date of creation (choose)	Relevance/ validity (choose)	EQF level of the learning ressource > <u>LINK</u> to EQF definition <u>(choose)</u>	ECVET points (or ECTS) to estimate the volume of the learning ressource (1point = ±30h of work)	Name of archive, h local file, folder v (please assign a suitable name for storage and search)	ledia type (image, deo, text, etc.)
												copy/paste the search bar. In most of the webs there is one already shown						All and a search of	
1	Circular	conomy Fun		CIRCULAR ECONOMY OPPORTUNITIES IN THE FURNITURE SECTOR	This EEB and Euromia report estimates the material consumption and CO2 emissions of the furniture sector at EU level and suggests some circular scenarios and policy options to grasp improvement opportunities.		Circular European Furniture Sector	Report	free	Completely free	European Environmental Boreau	In the description) https://web.org/publications/80/product- policy/51266/circular-aconomy-in-the- fumiture-sector.pdf	English	2017	Contemporary	To be estimated		Report-on-the-Circular- P Economy-in-the- Furniture-Sector.pdf	26
1	Circular	conomy Wo	ood	CONSUMER WOOD AND WOOD ENERGY BIOMASS CREATED IN EUROPE PER ANNUM ON THE EXAMPLE OF 2017	The aim of this study is to assess the amount of wood (biomass) that is produced to Europe per year and which ultimately releases action deader accoundance in wood an actual of combation for branding and managery a texture to account the study of the remains in the finished products of the wood industry, subsides paper industry, and other industries, is a kind of carbon disoles storage for the parted of its wear.		wood, energy, biomass	Report	Restricted	Only for reference	WULS-SOGW	stored at WULS-SGGW	English	2019	Contemporary	To be estimated			
1	Circular	conomy Gen		Infographic on the circular_ economy	In a circular accounty, products and the materials they contain are highly valued. This contrasts with the traditional, linear accounts: model, which is based on a "lake-mache-contain-three way pattern in practica, account economy minimises weater through reusing, repairing, indubishing and recycling existing materials and products.		material, waste, smarter use of materialis, EU actions	Webpage	free	Only for reference	European Parliment	http://www.europarl.europa.eu/thinkta nku/infographics/circulareconomy/public/ andex.html	English	2018	Contemporary	To be estimated			
4	Circular	conomy Man	anagement	Introduction	The MOOC run for seven weeks on the eXP platform and the course is now available agein for you to take at your own pace. Through the MOOC, learness and challenged to drain is frawn that refers our course that an eak weated economy to focus on circular, innovative products, and business models.			Complete online course	a free		The course is led by TU Delft and co-created with the Elien MacArthur Foundation and the Leiden-Delft-Erisimus Centre for Sustainability. https://www.edu.org/.	https://www.edx.org/course/circular- economy-an-introduction	English	2015	Contemporary	2	1,5		
•	Circular	conomy Oth	ther specific	A Circular Economy of Metals: Towards a Sustainable Societal Metabolism	The course is taught by Associate Professor State via der Vest and foncess on the experisors for criticity for long on metals to avoid having to more even set. It is baud on the writes of regords on metals by the International Rescurce Panel, and wall at he VII Statistande Development Goods(SOO), amblitors goint which are used to contextualise the metals challenge and potential solutions to that challenge.	lave about the challenges related to metally production and usage laver about the potential adultors that exist to act on these challenges		Complete online course	a free		Leiden University https://www.coursera.or g/	https://www.coursera.org/barn/circular_ economy-matals	English		Contemporary	2	1,5		
e	Groular	conomy Gen		Learning Hub Ellen MacArthur Foundation	guide through these contact learning experiences. Expand your understanding of the circular economy and learn how the concept can be applied to different parts of the economy, resource may contains links to our educational resources, which include videos, presentations, graphics, business care studies and articles	Let a gold you finage these contait learning repetience. Equind your individuality of the circuit economy and learn how the concept can be applied to different parts of the economy.	ciscular design	Webpage	free		Ellen MacArthur Foundation	http://www.ellenmacethurfoundation. org/asslace.http://kumu.is/. //S414mas-i/Joifeph	English		Contemporary	To be estimated			
t	Circular	conomy Oth		EU Biomass Flows, Bioeconomy, Bio-based industry and biorefineries	Hemorised data and interactive Senkey diagram on biomass supply, uses and flow in the LS, compiled by the alf. The diagram metable despite analysis and the diagram of the		Biomass Flows, Bioeconomy, Bio-based industry	Webpage	free	Free under conditions	Data portal of agro- economics Modelling – DataM, This site is managed by the Joint Research Centre	http://datam.jrc.ec.auropa.au/datam/p ublic/pagas/index.shtml	English		Contemporary	To be estimated			
	Circular	conomy Oth	ther specific	Althings.bio portal				Webpage	free	Free under		https://www.alithings.bio/	Entlish		Contemporary	In he estimated			
s	Circular	conomy Gen	meral		The EBETY Community of Practise contains all the practical learning and support materials on Bio Based Economy topics which were collected within the European EBETY-project (2013-2015).			Webpage	Free	conditions free under conditions	bioecconomy, including	https://ebbeycop.wordpress.com/	Enginn EN. The summaries are also available in: Dutch NL		Contemporary	To be estimated			
1	0 Circular	conomy Gen		The new circular economy action plan is a roadmap to a climate- neutral, competitive economy for empowered consumers	Focuses on design and production that would enable circular economy to ensure that the resources used are retained in the EU.	Europeen: Green Agreement new aganda for sustainable growth in Europe	Climate-netural, Roadmap, Circular economy, action plan	Report	free	Completely free	Portal GOV-SI - Republika Slovenija	https://www.gov.si/novice/2020-03-12- nov-akcijski-nacrt-za-krozna- gospodarstvo je-kazipot-do-podnebno- nestralnega-konkurencenga- gospodarstvo-opolnomoconth-	Danish DA, Slovenian	2020	Contemporary	To be estimated			
1	1 Circular	conomy Gen	meral	With knowledge and skills to more competitive and more beautiful world	Through training, they strengthen the internal structure of companies, thereby also improving their market presence in the key area for the transition to a circular economy.	The main purpose of the project is to improve the key competencies of employees	Circular economy, Company, Employee	Webpage	free	Free under conditions	KOC krožno gospdoarstvo	potrosnikov <u>(</u> https://koc-krozno-gospodarstvo.si/	Slovenian	2019	Contemporary	To be estimated			
1	2 Circular	conomy Oth	ther specific	Potential of biomass for development of advanced materials and bio-based products	Strategic direction of the programme is to exploit the potential of biomass for development of advanced materials and bio-based products.	Cascading use of biomasi, inductivial symbolic circular economy, new value chains _	Circular economy, Biomass, Value chains	Webpage	free	Free under conditions	CEL CYCLE	http://celkrog.sl/?lang=en	Slovenian	2018	Contemporary	To be estimated			
1	3 Groular	conomy Gen	meral	SRP - Circular Economy	Connection of Slovenian business subjects, educational and research institutions, non-governmental organisations and other parties, in collaboration with the state, into new value chains according to the economic principles of closed material flows.	Sutainable energy, biomau, crew material, circular business model .	Circular economy, Networks, Transition, Research	Webpage	free	Free under conditions	SRIP - Circular Economy	https://srip-ciscular-economy.au/	Slovenian	2021	Contemporary	To be estimated			
1	4 industry	.0 Fun	miture	Virtual reality - into the magic	Company is using VR for customers trying out a variety of home furnishing solutions.		Virtual reality, Kitchen, Furniture	Webpage	free		IKEA d.o.o. and Allegorithmic	https://www.ikea.com/ms/en_jP/this-is- ikea/ikea-highlights/Virtual- reality/index.html	English	2016	Contemporary	To be estimated			ext, image and video
1	5 Industry	.0 VR.)	t/AR/MR/XR	Maries 360° virtual tour	House building company is using VR, which allows customers to see and walk around their not yet build house and its nooms.		Virtual reality, Building, House	Webpage	free		Marles hiše	https://www.marles.com/hise/novice/do brodosil-v-marlesov-360%C2%80-virtual- tour	Slovenian	2019	Contemporary	To be estimated			Text
1	.6 industry	.0 VR	t/AR/MR/XR	Using VR technologies as marketing tools	Thesis is reasearching how is Slovenian market open for this kind of technologies.		Virtual reality, Marketing, User experience	Report	free	Free under conditions	fakulteta za management	https://repositorij.upr.si/lapisGradiva.ph p?id=11320⟨=slv	Slovenian	2018	Outdated	To be estimated			Text
1	7 Industry	.0 VR.)	t/AR/MR/XR	VR eyeglases and equipment: Ultimate guide about VR world	Guide about VR technology and equipment		Virtual reality, Guide, Equipment	Webpage	free		Escapebox d.o.o.	https://www.escapebox.si/blog/w-ocala- ultimathmi-vodic/	Slovenian	2019	Contemporary	To be estimated			Text, pistrures
1	\$ Industry	.0 VR.	k/AR/MR/XR	Usability of virtual reality in construction industry	Thesis presents ways and technologies in the field of VR, which have potential applications in construction.		Virtual reality, Augmented reality, Construction	Report	free		Fakulteta za gradbeništvo in geodezijo	> https://repositorij.uni- lj.si/IzpisGradiva.php?id=73391			Outdated				

Slovenian 2015 To be estimated Text

19	Industry 4.0	VR/AR/MR/XR	Virtual reality in automotive industry	Potential as of VIII in the automotive industry.	Virtual reality, Automotive industry, Ergonomics, Simulation	Report	free	Free under conditions	Fakulteta za elektrotehniko	http:://repazitorij.uni- lj.si/lapisGradive.php?id=121652			Outdated			
											Slovenian	2020		To be estimated		Text
20	Industry 4.0	VR/AR/MR/XR	Use of VR in education	Teachers report on using VII historitage in dass (abits software and hardware did he car, students fordback and more).	Virtual reality, Educatio Homemade	on, Report	Free	Free under conditions	Projekt 360	https://projektgjv360.splet.ames.si/upor aba-google-expeditions-pri-pouku/			Contemporary			
											Slovenian	2017		4		Text, pictures
21	Industry 4.0	VR/AR/MR/XR	TravelAR Slovenia	By its creating and including the local community, they points its pressive and visualize the splits of local cultural heritage.	Augmented reality, Travel, Education	Webpage	Free		Podjetniški inkubator Kočevje	http://www.travel-ar.si/bl/	English	2017	Contemporary	To be estimated		Text, pictures, video
22	Industry 4.0	VR/AR/MR/XR	XR Slovenija	The Senatine community of XX constron and the enthusiants. Questions, Debates, Meetings All school XrI	Cross reality, Community, Creators, Enthusiasts	Webpage	Free		XR Slovenija	https://www.facebook.com/groups/156 4041590497234/			Contemporary			
											English	2020	Contemporary	To be estimated		Picture, video
23	Industry 4.0	VR/AR/MR/XR	Mobile game "Pokemon GO"	Padamon Co Is a free game for examplations, which, works an the principle of angenetic endly.	Augmented reality, Mobile game, Entertainment	Webpage	free		Niantic, Inc.	https://pokemongolive.com/en/	English	2016	Contemporary	To be estimated		Mobile game
24	Industry 4.0	VR/AR/MR/XR	Mobile app. "Snapchat"	Lens Studio spylication designed for antitisx and developers, to build augmented reality apprinticus for sum of their app. Snapchat.	Augmented reality, Computer app., Entertainment	Webpage	Free		Snap Inc.	https://iensstudio.snapchat.com/			Contemporary			
											English	2015		To be estimated		Computer app.
	Industry 4.0	VR/AR/MR/XR		Ther product an read a com in moment, it understands commer, edges and surfaces, so the apps can interact with your surposedings.	Mood reality, Hardwar Head-Mount, SmartGlasses	w, Webpage	free		Magic Leap, Inc.	http:://www.magicleap.com/en- us/magic-leap-1	English	2018	Contemporary	To be estimated		Text, picture, video
	Industry 4.0		HoloLens 2	Marat avalt door and this of enhance collaborator. Hely your company be more productive and innovate with more purpose.	Mixed reality, Hardwar Head-mount, Smartglasses	re, Webpage	free		Microsoft HoloLens	https://www.microsoft.com/en- us/holoiens	Slovenian	2019	Contemporary	To be estimated		Text, picture, video
	Industry 4.0		Workshop for virtual reality	A suchoby on virtual walky was taken picon in Operation. They learned the periodiple of wirtual reality, modeling and pergramming.	Workshop, Virtual reality, Modeling, Programming	Webpage	free		Openlab	http://openiab.si/2018/20/03/delavnic a-unity-3d/	Slovenian	2018	Outdated	To be estimated		Text
28	insultry 4.0	vkjakjnekjak	workshop for writial reality	A week-bag for excellent and earliers to taken pices. Way costed new virtual working and for able to give different roles.	Workshop, Virutal reality, Vocational education	wappaga	rtee		Project Miadi so za (S)klad	http://www.grimonkie.u/trzaka/delav nica-vitualmereninosti-za-visjesotke-in- visjesotce-ML519086	Slovenian	2020	Outbalking	4		Text
29	Industry 4.0	VR/AR/MR/XR	Effects of the use of smart glasse on eyesight	 Effects of using source generations are source confect during order picking activities, were researched in a leading environment. 	Human-system integration, Smart glasses, Industry 4.0	Report	free	Free under conditions	Springer, Cham	http:://link.springer.com/chapter/10.10 07%2#978-3-030-27928-8_123	English	2019	Contemporary	To be estimated		Text
30	Industry 4.0	VR/AR/MR/XR	Virtual and agumented reality technologies as tool for presenting new ideas and products at fairs: case MAHEPA	Paper is described gatempt to create a virtual presentation of new hybrid variant.	Augmented reality, Virtual reality, virtual exhibits	Report	free	free under conditions	Kolomanič S., Marksel M., Mongus D., Žalik B.	https://plus.si.cobiss.net/opac7/bib/359 96419	Slovenian	2020	Contemporary	To be estimated		Text, pictures
31	Industry 4.0	VR/AR/MR/XR	Navidezna resničnost (Modul A)	The course addresses the Interaction between a human and a computer- generated virtual environment.	University, Subject, Virtual reality	Complete blended learning course	Free 3	Free under conditions	Univerza v Ljubljani Fakulteta za elektrotehniko	https://www.fa.uni- lj.ii/en/education1st_cycle_academic_s tudy_programme/elactrical_engineering /subjects/2009011210474545/	Slovenian	2020	Contemporary	6	5	Text
32	Industry 4.0	VR/AR/MR/XR	Game technology and virtual reality	They window to be appropried to bedown, user stratect educing, view active librium, active situatio entrant and more.	University, Subject, Virtual reality, Games	Complete blended learning course	Free 5	Free under conditions	Univerza v Ljubljani Fakulteta za računalništvo in informatiko	https://www.fri.uni- lj.si/sl/predmet/63740	Slovenian	2020	Contemporary	6	6	Text
33	Industry 4.0		Augmented reality as infrastructure for improvement o communication in construction projects		Thesis, Augmented reality, Project documentation, BIM	Report	Free	free under conditions		https://wpositorij.uni- lj.si/tspisGradiva.php?id=30946⟨=en g	Slovenian		Outdated	To be estimated		Text
	Industry 4.0			Dovleg innovative kanning environments and instruction methods and packaginal practices by integrating new technologies	Course, University, Project, ICT	Webpage	Free			https://www.uni- lj.si/o_universi_v_jlubljani/projekti/proje kti_2014_2020- /z_inovativno_uporabo_ikt_do_odlicnost V	Slovenian	2020	Outdated	To be estimated		Text
	Industry 4.0			The form CAURD graph call and use may address making the start of related and approximated introductions, successed and any provide at a addition institypence and examinance subations to produce a smart marketplace for furnature customation.	App., Platform, Visualising, VR, AR	Webpage	Free		EURECAT	http://furnit-saver.cenfim.org/	English	2014	Contemporary	To be estimated		Video, app.
36	Industry 4.0	Furniture	Tylko app.	See your half have in your your halfore you danda to buay. E that say, height and you on the M ₂ , where the height has a second of the say always means y parket to.	AR, Furniture, app., Sto	ore Webpage	free		Tylko	https://tylko.com/	English		Contemporary	To be estimated		App.

37	Industry 4.0	Furniture	Virtual tour of showroom	Discover the latest King Living designs and luxury materials, learn about the benefits of King Living's solel frame and shop the full collection, all from the comfort of your home.		Virtual tour, Showroom VR, Furniture	, Webpage	free		KING	https://www.kingliving.com.au/showroo m-virtual-tour	English		Contemporary	To be estimated	Virutal tour, website
38	industry 4.0	Furniture	IKEA Place	Spark ideas to create a better life at home. IREA Place lets you virtually place true to-scale 3D models in your very own space. Combining the lets At technology and IREA's smart home solutions yo can experiment BAT lise news before	и	AR, Furnishing, Smart home, App.	Webpage	free		inter IKEA Systems B.V.	https://apps.apple.com/us/app/ikea- place/id1279244498	English		Contemporary	To be estimated	Арр.
39	Industry 4.0	Furniture	Myty	MYTY, the most powerful AR decoration tools to redesign your home. Redecorate your interior, enjoy thousands of inspirational images and text the furniture of your favorite brands, easily with your smartphone.		AR, Furnishing, App., Decoration tools	Webpage	free		Myty	https://myty.app/im	English		Contemporary	To be estimated	App.
40	Industry 4.0	Furniture	Summit furniture	Summit offers 3D virtual tour of their showrooms.		VR, Virtual tour, Showroom, Products	Webpage	free		Summit	https://www.summitfurniture.com/	English		Contemporary	To be estimated	Virutal tour, website
41	Industry 4.0	VR/AR/MR/XR	Interior define	Interior defines app. let customer virtually place their products 3D models in to their own space.		AR, Furnishing, App., Decoration tools	Webpage	free		Interior define	https://www.interiordefine.com/	English		Contemporary	To be estimated	App.
42	Industry 4.0	Furniture	3D Product Visualization Made Easy	The 3D product visualization platform for fumiture. Create Photorealistic Content at Scale. Product images and 3D content for a delightful shopping experience.		Platform, 3D, Virtual, Furniture, Content creation, AR	Webpage	free		Cylindo	https://www.cylindo.com/platform- overview/3d-content-creation/	English		Contemporary	To be estimated	Platform
43	Industry 4.0	VR/AR/MR/XR	All-in-One Augmented Reality System	The ViewAR System lets developers, and inexperienced creators, use cutting- edge AR technologies to create immenive AR experiences across a broad range of domains.		Platform, Assistance, Product visualization, A	Webpage R	free		ViewAlt	https://www.viewar.com/	English		Contemporary	To be estimated	Platform, App.
44	Industry 4.0	Furniture	The Virtual Experience Company	 Nentech AR Solutions is a leader in web based augmented reality for ecommerce, advertising and virtual events with technology ranging from simpl 3D images to complex holograms. 	•	Platform, 3D, Virtual, Furniture, Content creation, AR	Webpage	free		NexTech AR Solutions In	c. https://www.nextechar.com/	English		Contemporary	To be estimated	Platform, App.
45	Industry 4.0	Furniture	The Future of Furniture Retail	Allow customers to preview your furniture in their home with Augmented Reality, Improve purchase confidence and increase sales.		Platform, 3D, Virtual, Furniture, Content creation, AR	Webpage	free		INHAABIT	https://inhaabit.com/augmented-reality- fumiture/	English		Contemporary	To be estimated	Platform, App.
46	Industry 4.0	Furniture	The platform for 3D and augmented reality product visualization	Easily deploy mobile augmented reality solutions for eCommerce, field sales, education and more.		Platform, 3D, Virtual, Furniture, Content creation, AR	Webpage			Agument	https://www.augment.com/	English		Contemporary	To be estimated	Platform, App.
47	Living			s Teaching eldery about basics of internet and ICT	Now can internet make everyday life easter.	Eldery, ICT, Internet, Course	Webpage	free		Ljudska unvierza Kranj, Erasmus+	https://epale.ec.europa.eu/sl/hiog/racun gfrisko-opismenjevanje.starejsih-odraslih	Slovenian	2014	Outdated	To be estimated	Text
48	Ambient Assis Living Ambient Assis	ted E-literacy of elderly ted E-literacy of elderly			Intergeneration project in Slownia. They offer Helong learning, with multiple courses.	Eldery, Course, Lifelong learning	Webpage	Free	des se se des	Simbioza Genesis	https://simbioza.eu/starejsi	Slovenian	2011	Contemporary	To be estimated	Test
49	Ambeent Assis Living	ted E-literacy of elderly	Active aging and e-literacy of the eldery	 Course was presenting imporance and guidelines for teaching eldery compute skills to non-governmental organizations 	 Courie for importance and guidelines for leading eldery. 	Eldery, Computer, guidelines	Complete blended learnin course	8	conditions	Slovenska univerza za tretje živjensko obdobje	https://whivacs.urvebia/Deaving_stara nie_in_e-optimenievanie_stareisih.pdf	Slovenian	2012	Outdated	To be estimated	Test
50			preparation	Development of professional materials, programs and approaches in innovative learning environments		Digital literacy, Eldery, professional material	Webpage	free		Andragoliki center Slovenije	https://pismenost.acs.si/wp- content/uploads/2018/06/Strokovne- podlage-za-pripravo-programa-DP.pdf	Slovenian	2016	Contemporary	To be estimated	Test, Picture
51				The course was ment for teaching eldery basics of Windows, text editing and basics of Internet.		Eldery, Digital literacy, Course	Webpage	free		Prostovoljno gasilsko društvo Črešnjevec	http://www.epdcresnjevec.si/sdravo.in- aktivno-podezelje/racunatrisko- opismerijevanje-starejsih/	Slovenian	2021	Outdated	To be estimated	Test, Picture
52	Living	ted E-literacy of elderly		Learning basic computer skills - from turning the computer on and off to Googl search engine and sending e-mails.		Computer, Basics, Elder	course	free 8	Free under conditions	Doba	https://www.doba.si/dopodki/racunalnis ka-delavnica-1	Slovenian	2019	Outdated	To be estimated	Text
53	Ambient Assis Living	ted E-literacy of elderly	Subsidized courses for advanced computer work and greater personal work success	Free courses for employees in the earea of municipalities of Grosuplje and Dobrepolje: AutoCAD, Word, Excel, Clod.	Learning advanced computer knowlage	Computer, Advanced, Software, Employee	Complete blended learnin course	free 8	Other	Agora d.o.o.	https://racunalniske. novice.com/brezplacne-delavnice-za- napredneise-delo-z-racunalnikom-in-vecij- psebri-delovni-uspeh/	Slovenian	2012	Outdated	To be estimated	Test
54	Ambient Assis Living	ted E-literacy of elderly		s - A course is designed for employees over 45 years of age and older who are new to the computer.		Computer, Employee	Webpaga	free		Ljudska univerza Ajdovilžina	h <u>tto://www.ks.</u> eldostcina.il/racunalnisko_izobrazevanie. 20035070709320960/racunalniska_pism enost_za_zapodene_rop/.	Slovenian	2021	Contemporary	To be estimated	Text
55	Living	ted Smart home	Event for SRIP Smart Buildings a Home with Wood Chain	nd As part of the renewal of the Slovenian Smart Specialization Strategy (S4) for ti programming period 2021-2027, SVBX is organizing online courses and the support of Strategic Partnerships (SRP)	In the will the content of the Stovenin Souri Specialization Stovenge (S4) for the programming partial 2021-2027 be formulated? What are and will be its priority areas, loca areas and posted: direction? Research of the market: What is existing in practice	Smart home, Discussion Project		free		SRUP	https://www.teces.si/si/objave. srip/zadrije-objave-srip/vabilo-na-spletne- delavnice-za-prenovo-s4-2021-2027.html	Slovenian	2021	Contemporary	To be estimated	Test
56	Ambient Assis Living	ted Smart home		Website of the company where they have displayed and described their products and solutions. Presentation of their products and software for smart home.		Smart home, Products, Company		Free		fibaro	https://www.inbaro.com/in/	English		Contemporary	To be estimated	Text, pictures
57	Living	ted Smart home	Home	Guide for DIY smart home.	By using demo software customers can see how is it to have and to use smart home. Guide will show you tricks and ways how to make your home smart for low price.	Software, Smart house, Company		free		Andivi	https://www.andixt.syvia-pametria-nisa- pametri-dom/	Slovenian	2019	Contemporary	To be estimated	Text, pictures, software
	Living					Smart home, DIY, Guide	Webpage			Monitor.is	hisa-za-wakogar/192659/	Slovenian	2021	Contemporary	To be estimated	Text, Pictures
59	Ambient Assis Living	ted Smart home		Ø Lecture about marthouse and course about basics of smart house programming.	What is a smart house. Now to and up and operate a smart home with a smartphone. What a smart house can do for nm? Country challinger-from ideas to a new product.	Smart home, course, Programing	Complete onlin course	e free	Other	e-hiša	https://www.e-hisa.si/kreativna- delavnica-svet-tehnike-s-parnetno-hisko- podjetja-goap/	Slovenian	2021	Outdated	To be estimated	Text
60	Ambient Assis Living	ted Smart home			The aim the financhophismook is to exitability a strong and broad partnership of employers for further sustainable implementation of the new joint curriculum of the Expert for Building Automation.	smart bailding, Project	Webpage	free		SHVET	https://www.smart-hvet.eu/	English	2021	Contemporary	To be estimated	Арр.
61	Ambient Assis Living	ted Blockchain	Delivering blockchain skills for Europe	CHASE is a Sector Skills Alliance financed by the Ersemusi-programme. Our co mission is to develop as trategic approach on blockhais skills development for Europe as well as to deliver fuzzy-groof training subtach, in order to tackle blockhain skill shortages and to respond to the current and future skill needs the European Bickhain workforce.	or. The project will definer appropriate and future-proof training solutions, mobility schemes and qualifications, further increasing the attractioness of the actor especially for young Europeans. of	r, Project, blockchain, Ski strategy	Webpage Is	free		CHAISE	https://chaise-blockchainskills.eu/	English	2020	Contemporary	To be estimated	Test, pictures
62	Circular econo	amy Furniture				Circular Economy, Skills needs, Safety needs	Webpage	free	Free under	SAWYER Consortium	Project website: https://circularfurniture- sawyer.eu/project/					PDF, video, PPT
			needs towards a growing sustainability & circularity of fumiture sector	In Tas SMWITE project amis to Gollatet the transition of Grungsane familiary compares to the incrime encourse), the project will study the sain legible and obstacly instances to that can backlase this circular encourse transition and in use langehave back type, we exceeded to Mitca to transfer the furgease hereits are exceeded to Mitca commission call: Source of the same second to Mitca commission call: Source for Source Daily Daily 2001 - QAD, 2001 - QAD					JAN KATAKATA		http://circulartumiture- sawyer.eu/project/ Downloadsection: http://circularfumiture- sawyer.eu/downloads/	English	2020	Contemporary	To be estimated	
63	Circular econo	amy Furniture	'Circular Economy in the Furnitu	re This report provides an overview on how the circular economy is currently bein	¥.	Circular economy, fumiture	Report	free	Free under conditions	FUIN360 - Institution:	weopage: https://circulareconomy.europa.eu /platform/sites/default/files/circular-				The second	No. 1 10
64	Circular econo	amy General	sector: Overview of Current Challenees and Competence	re This report provides an overview on how the circular economy is currently beir implemented within the furniture sector. By focular on existing practices, challenses and occortunities at the micro-level. the main objective of this reoo	if.	fumiture Policy goals, Circular	Report	Free	conditions Free under	CETEM	/platform/sites/default/files/circular	English	2019	contemporary	To be estimated	Text (pdf)
			Universal circular economy poolicy goals. Enabling the transition to scale.	This paper sets out five universal circular economy policy goals around which governments and businesses can align to achieve their common objectives. Applicable access sectors and local context, these policy ages ican - working conjunction - help governments build healthier economic recoveries and lower the cost of transition for business.	;	economy,			conditions	Ellen MacArthur Foundation	https://emfthirdight.com/irie/At50aauj http://emfthirdight.com/irie/At50aauj	English	2021	Contemporary	To be estimated	Text (pdf)

65	Circular economy	Furriture	Circular economy opportunities in the furniture sector	This report was commissioned by the European Environmental Bureau (EEB) to controller towards the debate in Europe around the challenges and opported for the source for the environment of the European error for the source for the		Circular economy, fumiture	Report Free	Free under conditions	Editor responsible: Stephane Arditi Europe Environmental Bureau (EEB)	n https://web.org/library/circular-economy- opportunities-in-the-fumiture-sector/	English	2017	Contemporary	To be estimated			Text (pdf)
66	Circular economy	Furniture	The Furniture Sector and Circular Economy 2.0	materia to the who in the phase, and in heavy providing sector spectric expertise for UD Circular Economy policies. The European furthint industries an ready to collaborate with EU institutions to create suitable tools for the sector, enabling the industry to move into the right direction.	,	Circular economy, fumiture	Report Free	Free under conditions	European Furniture Industries Confederatio	https://circulareconstruy.europa.eu/blatf orm/sites/default/Mas/afs_position _the_furniture_sector_and_circular_econ_ omy_2.0.cdf	English	2021	Contemporary	To be estimated			Test (pdf)
67	Circular economy	Furriture	FUINSIO Module 1: Circular Economy : An Introduction	This for module such the scene for the entire training and includeos the concept of the include reasoning, are alreading the source of products, and an annual scenario of a solid gas alless, and weakly meeting the second scenario of the scenario scenario is an english in scenario to superior challenge. The scenario is an english in this form module is elevated are and its Within With Odd MIRMET 11 Junits (1) module all COMMAN THE VIEW SCH (1) module and 2) all products and the scenario of the scenario of the scenario of the 13 Advanced scenario of the scenario of the scenario of the 14 Advanced scenario of the scenario of the scenario of the 14 Advanced scenario of the scenario of the 14 Advanced scenario of the scenario of the 14 Advanced scenario of the 15 Advanced scenario	Exacting: • The stores can be at the term associated to the lower accommy. • The stores can be at the term associated to the lower accommy. • The stores can be considered with the store of term associated with control excommy. • The stores can be constrained but circular accommy lower the store of term associated by control excommy. • The stores can be constrained but circular accommy lower to a setter of redding company index to control excommy lower to the store of term associated by terms. • The stores can be constrained by a control excommy lower to accomma lower to accommon lower to acco	Circular Economy	Complete online Free course		FUIN360 - Institution: CETEM	E-Laaring Platform (Registration required):https://www.ex.ford/free/	English	2019	Contemporary	4	0.26		Test (pdf), PPT, Videos, Infographic, Quizz
68	Circular economy	Furniture	FURN360 Module 2. Circular Fronzens in the furniture industry	In this second module, the main characteristics of the furniture sector that can a affort the implementation of the right aronomy in this sector are discussed.	Knowledge:	Circular Economy /	Complete online Free		FURN360 - Institution: CETEM	E-Learing Platform (Registration required): https://training.form/50.em/	English	2019	Contemporary	4	0.46		Test (pdf), PPT, Videos, Infographic, Quizz.
69	Circular economy	Furniture	FURN360 Module 3. Ciruclar business model innovation in the	In this third module, the circular economy is approached from a business point of view.	Anomersystem Principatra bia current situation of the European Furniture sector in relation to the Circular Economy. Knowledge: - Understant the concept of business model.	Furniture Industry Circular Economy / Furniture Industry /	Complete online Free course		FURN360 - Institution:	E-Learing Platform (Registration	English	2019	Contemporary	4	0.5		Text (pdf), PPT, Videos,
70	Circular economy	Furniture	fumiture industry	With this module, participants will take a broader view of what it means to	 Understand the characteristics of a sustainable business model. Recognize sustainability as a driver for business model innovation. Knowledge: 	Circular Business Model	Complete online Free		CETEM	required): mileconstrainty territida and							Infographic, Quizz.
			FURN360 Module 4. Business management in the circular fumiture industry	This module discusses the tools and applications currently used to promote subativability in the circular furtherine industry. This foruth module is developed around 5 different units: 4.1 CREATING AND MANAGING CIRCLEAR VALUE NETWORKS 4.2 ENTERPRENENTIGIENF FOR CIRCLEAR SECONDARY	 -Linderizate date need for collaboratoria with value network to fully exploit based. -Receptor the features of entropreneurship mindust. Stallic -Principally implement tools and methods to develop and evaluate ideas of circular innovation. 	Business Management ; Circular furniture Industry	course /		FURN360 - Institution: CETEM	E-Learing Platform (Registration required): <u>http://training.fum360.eu/</u>	English	2019	Contemporary	4	0.32		Test (pdf), PPT, Videos, Infographic, Quizz.
71	Circular economy	Furniture	FURN360 Module 5. Sustainabilit	Y This module introduces some of the main tools and applications that are currently used to promote sustainability in the fumiture industry, becoming essential tools for the transformation towards a circular industry model.	Knowledge:	Sustainability / Circular	Complete online Free course		FURN360 - Institution:	E-Learing Platform (Registration	Freish	2019	Contemporary	4	0.5		Text (pdf), PPT, Videos,
72	Circular economy	Furniture	in the circular furniture industry	essential tools for the transformation towards a circular industry model.	Knowledge: - Lichardnard while Liceodesips, Its different stages, what it provides to a company. - Legal requirements of a furthure company, Basic separt of different certifications of Quality and Environment management for companies: ISO 9001, ISO	Furniture Industry	Complete online Free		CETEM	required): https://training.furn360.eu/			,,				Infographic, Quizz
			FURCEEO Module 6. Marketing the circular furniture	In this mobile, a marketing perspective on the circular economy is adopted. The are is to define one the different marketing concepts, mobile and book that can be as a set of the set of	Incomandage + Sudvardance data devolves the figs for conclure economy. + Sudvardance data devolves the figs for conclusion that the sudvardability point of views. Here: - An economic in most informat statistical for the sudvardability point of views. - An economic information of the sudvardability point of the sudvardability point of views. - An economic information of the sudvardability point of the sudvardability point of views. - An economic information of the sudvardability point of the sudvardability point of views. - An economic information of the sudvardability point of the sudvardability point of the sudvardability point of views. - Sudvardability point of the sudvardability p	Marketing / Circular Furniture			FURPISO - Institution: CETEM	E-Learing Platform (Registration required): <u>https://rearing.localif.com/</u>	English	2019	Contemporary	4	0.46		Test (pdf), PPT, Videos, Infographic, Quizz.
73	Circular economy	Furriture					Complete online Free										
			Futbolio Module 7 Supporting by advanced for backing Technologies	Modula 7 will introduce you to some of the new technologies used as tomological tools and the source of the new technologies of the module of the source of the new technologies of the module is divided into 6 white: 11 starts of the air of order 2000 White the CARLANE ECONOMY. 21 starts of the air of order 2000 White the CARLANE ECONOMY. 21 als Destroyed and Destroyed Module and Destroyed	Example: Evaluation: Evaluat	Gicular Economy / NET	course		FUINIEGO - Institution: CETEM	ELauring Platform (Registration required): <u>imprint and provided and</u>	English	2019	Contemporary	ł	0.52		Teet (pdf, 1977, Videos, Integraphic, Curzz
	Industry 4.0	General	industrie 4.0	elearning about the basic 'need-to-knows' in Industry 4.0	Industrie 4.0 omwat alle nieuwe technologieën: van virtual reality, over cybersecurity tot internet of things.	VDAB, industry 4.0,	Complete online Free	Free under	VDAB	https://www.vdab.be/opleidingen/aanb			Contemporary			totara, online learing- platform by VDAB	Text, Videos,
					In deur ochne consulter ja de nieuwe technologień komen. Ja kent hoe industrie 42 alie stappen in de waardekieten beinvisett: verlangen, besteken, produzere, wienen, glotokane en begendurakan. Ja ordziek cek hoe den mower tweck jou kumen ordentzeren m je job Ist begrigelijk kal met animaties en eeleningen, komen deur 7 technologiek drijkeren en industrie 42 aan boel: Ist glast al den animaties en eeleningen, komen deur 7 technologiek drijkeren en industrie 42 aan boel: Ist glast al den animatiesten eeleningen den de teknoj engementen de kutsui reisting ober privale interne, digat heire sensetzehongiek	general,	course	conditions		od/0-AMI-800107/comuniC-AMI- 191221/Industrie_4_0-online	Dutch	2021		3	Sh	platform by VDAB	Tent, Videos, animations, Infographic, Quizz.
	Circular economy	Management	circulair ondememen	elearning about the basic 'need-to-knows' in circular entrepeneuring	Je maakt kennis met het circulair ondememerschap en kan je laten inspireren door de vele getuigenissen en voorbeelden van collega-ondernemers die de transitie naar circulair ondernemerschap gemaakt hebben. Circulair ondernemen is de toekomst. En nu is het momentum om er op in te aetten. Schrijf je dus seel in voor dees interactieve crusse on ontdek er allee over.	VDAB, circular economy general,	y, Complete online Free course	Free under conditions	VDAB	https://www.vdab.be/opleidingen/aanb od/0-04Mi801047/cursus/C-AML	Dutch	2021	Contemporary		54	totara, online learing- platform by VDAB	Text, Videos, animations, Infographic, Quizz.
										195223/Orcuair_onsememen-online	Dutch	2021		3	20		intographic, Quzz.
	Industry 4.0	Management	EQ-WOOD - European Quality Qualification for the WOODwork and furniture industry	MOOC developed in the feare of frazenses programme, aiming to train the new profile of the Innovation Advisor for the Furniture sector	The interaction and multimode bits using Thisking Concept (Protectypical - Interaction) (Invostion Management - Pages (Indexgment) - Pages (Indexgment) - Pages (Indexgment, Interacting and Interactional All	MOOC, innovation, trendwatching, furnitur management	Complete Free re, blended learning course	Free under conditions	EQWOOD Project Consortium	https://www.equidod.org/elearning	English (with English subtitles)	2021	Contemporary	5	total effective content duration of 38,55 hours and estimated learners' duration of 77,50 hours (additional materials included).	EQWDDD Project	e-learning multimedia platform
	Industry 4.0	Other specific	Industry 4.0	Introduction to Industry 4.0 and to connert status in the fumiture status. Listing of technologies in technologies in technologies in technologies is the status of the status of a digital transformation in 1. Introduction to 1.0 1. Internet of the status of technologies 2.1 and the status of technologies and the status 2.1 and technologies and technologies and the status 2.1 and technologies and technologies and management systemic antibiotection platform	Standard Standard	Industry 4.0	S-Launing Pree Platform Pree	The present work, produce by the RNWOOD Consortium, is licensid under Crastive Crastive Commons Attribution- NoCommerci NoDerivatives 4.0 International Licensie	i ra IN4WOOD - Institution: CETEM ial-	E Lawrey Platform (Negotortion respond) <u>Inter View Lawrid & View</u>	English - Germin - Italian Spanish	2018 / 2019	Contemporary EC	≵ Leval - S		Link to te E-Learning Platform https://genintwood.e Algein	, Teel (pdf, PPT, Videos

Industry 4.8	Other specific	10 Printing and Addition Manufacturing for Functione Manufacturing	1 strokolomis ti Bi princip and Addina Manufacturing 1 Strokolomis (Markan Manufacturing) 2 Strokolomis (Markan Markan Mar Markan Markan Mark	Nearching A sequence of a set of a se	30 Printy/Addie Essening Mandacana/ Femture Mandacanag Petition	free	The present work, produced by BMOO Construm, is Konson during Constructions References Antibulicons Attributi	ton English. General salah 2018 / Orden Jackson - Japansh 2019	Contemporary	EQT Land - S	Lish to to (Lanning Parliam <u>Registration (Landon) (Lando</u>
Industry 4.0	Other specific	Augmented basily and society from the map is based based to be based on the design and failurations of the Product	how to use this technology in the wood and humber sector, explaining cone of tis most relevant uses in this field. Helenrose are also marked to the commercial benefits that the furthure sector can gain thanks to Augmented Reality. 1.1 What is Augmented Reality? 1.2 Differences between AR and Virtual Reality 1.3 What is (2)?	Comparisons - Analogue and a Augumented Bandly, - Analogue and Enforment types of Augument Bandly, - Analogue the Enformation and Augument Bandle and Augument - Analogue and experiment and analogue and analogue and analogue - Analogue and exploring its to market trends.	Agenetic Bally / ELeming Indigen Tark Pattern	free	Ne grandi work, polosisti Venezione Recettorio I Recettorio I Recettor	ton Digitik- 2018/ German-sakan -jajanak	Contemporary	EQT land - S	Link to to CLamming Network Clamming Network Clamming Aug
Industry 4.0	Other specific	Sensors and Wasnibles	 trans to general star allow do that build of similar to the source flattment. to instruction: to instruction: the star allow of subset of the source of the source flattment of the source of	International and exactions and them they wanth. In terms during the contrast of a second to interlay and the main duration title. I is contrading a during different synthem service and a second to a second to during the second to during	Sensor J Warddin E Laarning Paatlone	free	The present work, which was a set of the set	ten English. German, tulian 2018 / German, Japanish 2019	Contemporary	EQF Lond - 3	Link to the K.Lamming Parliann Annual Annual
industry 4.0	Other specific	молас	The goal of this counts its introduce the MD and MC technologies, their mark futures and anompies of their cash in the includes. The count and anompies of their cash in the includes of the provide the include of the provide the includes anompies. The includes into MD 2.3 Mon Characteristics MD systems and tags 2.3 Generation MDM is another the includes 2.3 Generation MDM is another the includes 2.4 Main characteristics MD systems and includes 2.4 Main characteristics MDM is another the includes 2.4 Main characteristics MDM is an include the includes 2.4 Main characteristics MDM is an include the includes 2.4 Main characteristics 2.4 Main cha		WD/WC Elaming Puttore	free	The present work, probability by the con- construint, is Surread where a Marcoland and a Marcoland Inspire Construint, is Autobation	ton English - 2018 / Growth - Salar 2019 - Spanish - Spanish	Contemporary	EQT Level - 3	Link to le Clasming Part State (Lasming Part (Lasming) Part (Lasming) Augus
industry 4.0	Other specific	Robolics applied to furthere production at the different production stages	 ten som har på prænse varanse som som på på en eksenserange og en eksenserange o		Riberts / Joniton production / production rigge	free	The present week, protocial by the coco Conserting is Construint in NetWOOD - Indiantic in Construint Common CTTM regardle <u>Hear/Approximation</u> Common CTTM regardle <u>Hear/Approximation</u> NotWorkshow NotWorkshow NotWorkshow NotWorkshow NotWorkshow NotWorkshow	ton English- German Hallan 2018 / German Hallan 2019 -Spanish	Contemporary	EQF land - 5	Link to to L'Annoing Parliene <u>Hitter Juges Hanning</u> Ved (jud), 997, Velena <u>Annin</u>

2.16 Artificial Intelligence (AI) 2.17 Human Activity Recognition (HAR) I 2.18 Human Activity Recognition (HAR) II 9. Resulted consistent

Industry 4.0	Other specific	Simulation, madeling and virtualization is the doarge, virtu- catalogues, 1D exeming	4 3 SIDAM, motily part part 1 4 3 SIDAM, motily part part 2 4 3 SIDAM, motily part part 3 4 3 SIDAM, motily part part 3 4 3 SIDAM, signal part 4 4 3 SIDAM, signal part 4 4 3 SIDAM, signal part 4 5 A Factor Association and SiDAM ASSOCIATION 5 A Factor Association and SiDAM ASSOCIATION 5 SIDAM ASSOCIATION ASSOCIATION ASSOCIATION 5 SIDAM ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION 5 SIDAM ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION 5 SIDAMA ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION 5 SIDAMA ASSOCIATION ASSOCIATUDA ASS	Xuandag - An of 20 Augusta purchaspon in order to correctly approach the structures of the purplex Andreing due to single contents approach to the proposed to the corpusor or the market Structure and an andreing of the purplex Some which market purplex that the product is to the corpusor or the market Some which market purplex that the purplex to the proposed to the corpusor or the market Some which market purplex that the purplex to the product is to the Some which market purplex that the purplex to the product is to the corpusor of the market Some which market purplex that the purplex to the product is to the corpusor of the market purplex Some which market purplex that the purplex to the product purplex Some purplex to the product purple to the product purplex Some purplex the product purple to the product purplex Some purplex that the market purple to purple to the product purplex Some purplex that the product purplex that the product purplex Some purplex that the purplex that the product purplex Some purplex that the product purplex Some purplex the product purplex that the product purplex Some purplex that the product purplex that the product purplex Some purplex that the product purplex that the product purplex Some purplex that the product purplex that the product purplex Some purplex that the product purplex that the product purplex that the product purplex that the product purplex the produc	Simulation / modelfiles visualization / visual catalogoe / 30 scanni	/ Statening re Padform	Free	Regrand and the second	ndom (bagination General-status) Spacial Spacial	Contemporary EQI Land - S	Link to be following Parlian Parlian Ages
Industry 4.0	Other specific	Internet of Things	Internet of Tange will be described in a scalar by theoretical any adhead, but to includue, hinterior day integration and adding particle 11%. The standard interior day is the scalar base of the standard interior day with the fact action. The total action days the theoretical associated by the adding and the standard interior days and the standard interior days they excentioned and the standard interior days and the standard interior days and adding adding the standard interior days and the standard standard interior days and a standard interior days and adding excention and appendix adding the standard interior days and which in the special days the standard interior days and adding adding the standard interior days and adding the standard interior days and adding the 13 Adding the standard interior days and adding the 14 Adjustantian of adding the 14 Adjustantian of adding the 14 Adjustantian of adding the 15 Advances 14 Adjustantian of adding the 15 Advances 15 Advances 15 Advances 15 Advances 15 Advances 15 Advances 15 Advances 16 Advances 16 Advances 17 Advances 18 Advances	Examings	isternet of Things	E-Learning Piteform	free	The present sock, produced a sock produced a sock produced a constrain, al constrain, al c	Meno Registratos Englisă- Semen Alan Seconda-Alan Aparto - Sponto	Contemporery ESF level -S	Lisk to tr (Zanning Policien <u>Hitter (Annotationation</u> Vest (jud), 197, Voleon <u>Anno</u>
industry 4.0	Other specific	integrated Systems	The cancer on thesgeneich systems, six solutional on them parts. The for an end of the systems of the system system system systems are solved and systems of the system system system systems are being the system systems are being the system systems are being the system system system system systems are being the system system system system systems are being the system system system system system system systems are being the system system system system system system systems are being the system system system system system system system system systems are being the system syst	Koncludge Koncl	totograted Systems	E-Learning Platform	Free	Bagenesis molt provined by the Pereodo Carlos References to a Carlos References to a Reference t	Kupha. Kuma Jakan Kupha. Kuma Jakan Jakan Jakan Zingan Zingan Kupha Zingan Kupha Jakan Jak	Contemporary EQI Land -S	Link to be filesoning Paulana <u>Data States of paula en</u> Taxel (jul), PPT, Valens Sagas
industry 4.0	Other specific	Big Data & Andytes	3.4 Interaction challeness This course is structured in four parts. In the first part, theoretical fundaments of big data and their relation with previously-common concepts is described, along with the uses and added waite that can be provided by K. The second section describes scores of the most extended technologies currently used in big data, along with their futures and comparative work. In the third section, the studeen will issue how to use big data and how to apply its advertages to the real world.	Formindige Formindige constrained of Big Date, in performance the method method is a - seem about the our cause of and added value generated by Big Date. SMIR - Seem how constrained and the second seco	Big Data / Analytics	E-Learning Platform	free	The present the present No The Reference Construction of a Construction of a Construction of a Construction	rights. Generation States 2013 / Una / year states days - Spanish	Contemporary EQT land - 5	Link to the & Lanning Perform <u>Many Joyns Internal pro</u> June
todustry 4.0	Other specific	Cined Computing	4.4 Address training and the second secon	Standard Stand	Cloud Computing	5-terming Platform	Free	De proset le fait le fait Constitue, i Constitue, i C	telem (kapanisa English - Garan Alat 2014 / Garan Alat 2019	Contemporery ESF land - S	Link up is (Lanning Parliene <u>Hinter (Annual Lanning</u>) Ved (Jolf, 197, Velena <u>Annin</u>

industry 4.0	Other specific	Communication Notworks	The goal of this course is to give a general size about the communication insteads in the blockly 42 contrast, from fash-range to lang-arguent size of the blockly 42 contrast, from fash-range to lang-arguent insteads on when a well is not a source and the communication fast- and the size of	Xenariag A series in the integraph adapt transmission integraph in the series integraph in the integraph adapt the different types of denses transmissions materials. A series integraph adapt transmission integraph	Communication Networks	E-Learning Pree Platform Pree	Re present web, produced by Re Camerolicate	Lock as in discoving reading <i>integrational state (pdf)</i> , PPT, Values <u>disp</u>
industry 4.0	Other specific	Qder-Secutty	Mulane symptom Monor symptom Sociary methods and devices Sociary methods and devices Sociary methods and devices Sociary methods Sociary	Sequence of the set of contraction is different induction denomics. Sequence of the set of contraction is different induction denomics. Sequence of the set of contraction is different induction denomics. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Sequence of the set of contraction denomics is different induction. Seque	Cyber-Security	F-Lauraing Flatform Pree	Ska present en de produced by the Rescolation Standard and a Nettonon Canada Standard and Standa	Link to le Lawring Parlian Resolution of the part of parts, 977, Valees Jaget
industry 4.0	Other specific	Caluboathe Fadams	Ruinston, Andernic, Cautome and Standard environments. The constrained and strong interpreting of 2014 of 100 strong transmission and the strong transmission and transmission a		Coluborative Platforma	E-Lancing Flatform Free	Ne present web, probled in problem recentions, in Grande Net Carlos Net Toto Process Internations Expering Pathen Registrations Carlos Net Toto Process Internations (State Carlos International State Carlos International State Patholic Carlos International State Registrations Net Recentions Net Net Net Net Net Net Net Net Net Net	Link to the Examining Pacifican Registric the induced and the field, PTC Volves diagon
Industry 4.0	Other specific	Applications of Laplaces	Indexection space for functional sector devices productions for sector of the sector o	Near Series Ser	Legentics	E-Learning Platform Pree	Be preset web, probled by the Construction, Its Construction, Its Construction, Its Construction, CHEADOC Listenators: External Falsion Registrosen Construction Check C	tord as in glaarning teachan Hannan (<u>Austanoorian</u>) Teel (ad), 977, Valens <u>Augus</u>
industry 4.0	Other specific	Wohlfor Masgiment Splan	system for furthus and autohomism generative specifically three results to planning mathematical production marginemic the markins and autohomism 1. APP Regress Production Paragement (and autohomism autohomism) 2. Lange paragement (and autohomism) 2. Lange marking and autohomism (and autohomism) 2. Lange marking and autohomism (and autohomism) 2. Lange marking and autohomism (and autohomism) 2. Lange paragement (and autohomism) 2. Jakan Private (and autohomism) 2	Decending the second product of product product systems Second systems was an exception product of sequence and outge second systems second	Workflow Maragemen Systems	r Laansing Piatform Pree	Be preset with, problem by the Construction, Its Construction, Its Construction, Its Construction, CHARDON Listenatory Future (Fastern Represence Construction, CHARDON Listenatory (Fastern Represence Construction) Charlos (CHARDON Listenatory) Charlos (CHARDON Listenatory) CH	tork a le filonomy teacher Hander Hander (<u>Australian</u>) ¹ fed (aff, PP, Valees <u>Augu</u>

					Knuestege 4.4.2											
					Require knowledge adout the context or standardization in industry 4.0 paradigm and its importance. Know how the address standardization in industry 4.0 Know how the address standardization in industry 4.0 Know how the address standardization in industry 4.0											
				The goal of this curves is to show the extenter of standardisticns in should vp. Standard standardisticns in should vp. Standard	Acquire knowledge about the consortiums and organizations bodies behind industry 4.0 standardization: their roles and the kind of standards they propose,											
				the constructions and organizations working on it, the dimenent types or working groups and committees and the current and future standards about the Key	approve, review or moony. • Acquire deep knowledge about the working group committees focused on the standards behind KET technologies.											
				paying attention to data protection authority, current regulations and liability.	Know about the most relevant standards, focused on K1 increasingles. Know a guideline about how to apply standards in factories applying industry 4.0, mainly for Wood and furnitur sector.			The present work, produced by the IN4WOOD								
				1. Introduction to standardization 1.1 Introduction to standardization in Industry 4.0	Acquire knowledge about the legal issues in Industry 4.0			by the N4WOOD								
				2. State of art/challenges in standarization in 14.0 2.1 Actors involved and challenges to approach in the Industry 4.0	Statu 4 est tenderly has seed of standardisers is taketory 4.8 4 est tenderly days also of the challenges regarding statute/statutes is taketory 4.0 4 est tenderly days and margingle all constraints and an orienteen the Wood and Fumilium Sector 4 estimates the statute of taketory and the statutes and an orienteen the statutes and the statutes. 4 examples the statutes in the statutes and the statutes and the statutes and the statutes. 4 examples the statutes in the statutes and the statutes and the statutes and the statutes. 4 examples the statutes in the statutes and the statutes and the statutes. 4 examples the statutes in the statutes and the statutes and the statutes. 4 examples the statutes in the statutes and the statutes and the statutes. 4 examples the statutes in the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes and the statutes. 4 examples the statutes and the statutes and the statutes and			Consortium, is licensed under a							Link to to E Longing	
Ind	astry 4.0	Other specific	Standards Certifications and Legal	standardization 2.2 The importance of standardization	Identify the need of standardization in Industry 4.0 Get knowledge about the challenges regarding standardization in Industry 4.0	Standards Certifications Legal Issues	/ E-Learning Free Platform	Creative	IN4WOOD - Institution:	E-Learing Platform (Registration required): <u>https://app.in4wood.eu/login</u>	English - German - Italian 2011	8 / Contemporary	EQF Level - 5		Platform https://app.intwood.er	Text (pdf), PPT, Videos
			haves	3. Consortiums and organisations. Working Group Committees 3.1 Working groups and standards in H.O-cybersecurity	Extract from RAMI 4.0 a simple and manageable architecture model as reference for Wood and Furniture Sector Identify the international organizations and entities behind industry 4.0 standardization	Legal issues	Platform	Attribution-	CETEM	required): https://app.in4wood.eu/login	- Spanish 2019	9			https://app.intwood.e	
				3.2 Working groups and standards in H.D-connectivity () 3.2 Working around and standards in M.D. connectivity (I) and substant	Enumerate the roles of standardization bodies Enumerate what standardization is the RAME & Combitestum) are in charge of each eating			NonCommercia NoDerivatives	1							
				3.4 Working groups and standards in H.O. 3d printing	Enumerate the important working groups involved in Industry 4.0 standardization			NoDerivatives 4.0 International License								
				3.5 Working groups and standards in IA.D-other KETS 4. Legal issues in Industry 4.0	Link the working groups with the standards of Industry 4.0 under their approval or supervision. Identify the standards focused on the most relevant key enabling technologies of Industry 4.0			License								
				standardization 2. Consortiums and organizations. Working Goog Connitieues 3. Consortiums and organizations. Working Goog Connitieues 3. Structures groups and standards in N.B. Sprinnerschift 3. Working groups and standards in N.B. Saffrander 3. Standards and Saffrander Saffrander 3. Standards and Saffrander Saffrander 3. Standards and Saffrander 3.	Enumerate the steps to follow in the implementation of Industry 4.0 in companies/factories under the current and future standards. Identify the legal issues concerning the Industry 4.0											
				4.3 Legal issues in 14.0-legal liability												
					Competences • Analyze standardization issues in the use cases of companies/factories implementing technologies of Industry 4.0											
Circ	ular economy	General	Circular Economy in the wood and	Introduction to the circular economy Keys of the Circular Economy Some sector and its state with respect to the circular economy Monominate Administration	Comparison Configuration distribution issues in the use case of comparising flatbolist implementing tachologies of hadrony 4.5 Learning columnon: Assess microsmontal appests of Coclar Economy in Industry Integrate the original appests of Coclar Accoromy in Industry Integrate the decide according via a King appendix in the Social According to Accordi	Circular Economy,	Complete Free	Free under	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
			Furniture Sector	2 - Keys of the Circular Economy 3 - The sector and its state with respect to the circular economy	Assess environmental aspects of Circular Economy in industry Integrate the circular economy as a key aspect in the business model of the sector	Sustainability, Regulatory Framework	blended learning course	conditions								
				The sector and its late with respect to the circuit economy A - Taglaciano and legislation S - totalisation of the circuit economy in the business model of the sector 6 - Marking of portacists in the circuite economy 7 - Value constitute through the circuite economy 6 - Supporting by the Marking Technologies	Relate the various dimensions of customer value creation in a circular economy environment											
				6 - Marketing of products in the circular economy 7 - Value meeting through the circular economy	Skills: Knowledge about the identification of outside evolution of the substitution of materials						English 3	1021	5	3		
				8 - Supporting by Key Enabling Technologies	Konologie about the identification of utubble ecclogical suppliers for the substitution of materials Constains with inconteners Konologie about reasons and shahout end organic consumption Incoursion in the used unspect markets											
					Innovation in the use of untapped materials											
Circ	ular economy	Furniture	Eco and sustainable design	1 - Introduction to eco and sustainable design	Learning outcomes: Auses environmental appects of ecological and sustainable design in the industry design justices fails on mitigate the environmental impact on the industry Relate dess and new products with social problems in furniture design processes	Ecodesign, Furniture,	Complete Free blended learning	Free under	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
				Introduction to era and sustainable design Tordistand design versus can and sustainable design Tottig and environmental all senseevaf. Cotta and the cycle analysis S-hinocipies and stategelse design and sustainable design C-thoremental apacts of the company E-thoremental apacts of the company	Assess environmental aspects of ecological and sustainable design in the industry Identify action plans to mitigate the environmental impact on the industry	Sustainability	course	conditions								
				4 - Cost and life cycle analysis 5 - Principles and strategies	Relate ideas and new products with social problems in furniture design processes						A	1021	5	3		
				6 - Applying eco and sustainable design 7 - Environmental aspects of the company	Skills: Recomize environmental aspects and methodologies for evaluating environmental impact						ridim 3		2			
				8 - Environmental product declaration	Evaluate the environmental impact of production and the product itself											
					SMI: Require environmental inspecta part environmental impact Tealuate the weak-mental inspect of particulation and the product taulf Concidentale the managemental and document registration processes Management of environmental incidents and emission states merring extrames:		6 6	discussion of the	Making 4.0 / WULS	N/A yet		Contemporary			N/A vet	Text, presentations
indu	181Y 4.0	Management	innovacion management systems	3 Balar is the longesting Machineset further	Luarning duccomes: Evaluate the operation of an Innovation Management System in an organization	Intellectual property,	blended learning	conditions	Making 4.07 Wolds	N/M VIE		Contemporary			N/A YES	rest, presentations
				A role in the information reintgenerit system A localization A localization management Collaboration management Collaboration management	Les des generations de la introvetion Management System in an organization Bealante the operation of an introvetion Management System in an organization "Integrate in a familiar e company innorative ideas to achieve the success of the products Anange motivations the sulf of the organization to generate concellar and formation	Innovation	course									
				5. Collaboration management 6. Creativity management	Cuite.						English 2	1021	5	3		
					Score the operation of an inconcision management system. Promote the innovation process in an organization Management of institution for a single sector of innovation is an organization Learning outcomes:											
Inf	ntry 4.0	Furniture	Product Dasian and Dialitalization	1 - Introduction to the furniture design	Management of intellectual property as an element of innovation in an organization	Furniture design Design	Complete Free	Free under	Making 4.0 / WULS	N/A vet		Contemporary			N/A vet	Text presentations
	,			1- Instruction to the furniture design 2- Design within a mithod 3- Centrity and concept 4- Advanced digital index pitosis for the furniture industry 4.0 4- Advanced digital index pitosis for furniture products 5- Computer Advant Design for furniture industry 4.0 4- Design design design for furniture industry 8- Digital design documentation applicable to the furniture industry 4.0	Learning outcomes: Tred Affrent advanced digital tools applicable to fumiture design Budi advanced regital tools applicable digital design tools Identify cool investi Trough design metoda and processes	Thinking, Digitalization	Complete Free blended learning	conditions				,,				
				4 - Advanced digital design tools for the furniture industry 4.0	Identify social needs through design methods and processes		Course									
				5 - Computer Aided Design for furniture products 6 - Making a digital prototipe							Forlish 1	1021	5	3		
				7 - Reverse engeniering in the furniture industry 8 - Digital design documentation applicable to the furniture industry 4.0	Skills: Design process and the issues that arise in the progression from conceptual to detailed design											
					Develop skills in use of advanced digital design tools. Indextant the role that technology is playing in the transition through a digital manufacturing and design and implement a conset information flow's strategy.											
					in a company for industry 4.0 Rate of industry within the foreitrum industry 4.0											
Inde	zstry 4.0	Management	Technological surveillance and	1. Introduction to Technological Surveillance and Competitive Intelligence	Learning outcomes:	Technological	Complete Free	Free under	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
			competitive intelligence.	Introduction to Technological Surveillance and Computitive Intelligence 2. Roles and responsibilities in a Technological Surveillance and Competitive Intelligence System 3. Technological Surveillance and Competitive Intelligence 3. Technological Surveillance and Competitive Intelligence 5. Final product in a Technological Surveillance and Competitive Intelligence 5. Final product in a Technological Surveillance and Competitive Intelligence	Sile: We are a set all values that all as in any angenetics here conceptud to declard design. Workshold to we defect of early for the provide Workshold to we defect of the defect of early for the transition through a digital manufacturing and design and implement a correct information flow's strange the of second and the defect of the second and the Name of Second and the second and the Name of Second and the second and the Name of Second and the second Name of Second and the second the second and the second the second and the sec	intelligence	course	conditions								
				3. Technological Surveillance and Competitive Intelligence Tools 4. Design of a Technological Surveillance and Competitive Intelligence system	Identify the information needs of an organization						fortish 1	1021		3		
				5. Final product in a Technological Surveillance and Competitive Intelligence System	Skills:						ridim 3		2			
					Managing Technological Surveillance in an organization Itea snarialized search tonis											
Ind	ster 4.0	Other creatifie	Addition Manufacturing	1 Introduction to Addition Manufacturies	Analogue function de la construcción de la construc	Addition on terrificationing	Complete Free	Econ under	Making 4.0 / WULS	N/A		Contemporary			N/A ves	Test accessibilities
1144	1019410	oune specific	Addition in the sector rig	1. stopolacitist n Madiatu Mandatusing 2. stopolacitist n Madiatu Mandatusing 2. Stophilam to the stopolacity of the stopolacity of the stopolacity in the stopolacity in these stopolacity in these stopolacity of these stopolacity of the stopolacit	Assess the different production process in additive manufacturing	3D printing	blended learning	conditions	14018407 1100	nov pro		contemporary			No po	reat, presentations
				3 - 3D Printing Technologies 4 - Production Process in 3D Printing	Construct a fumiture design based on production processes in additive manufacturing Relate ideas and new designs to social issues in fumiture production processes.		course									
				5 - Application of 3D Printing in the furniture sector. Design and Prototyping. 6 - Molds for Prototyping and Final Products. Rapid Tooling.							English 2	1021	5	3		
				7 - Final Products. 8 - Commercial Aspects and roll of AM within Industry 4.0	Salis: Salis: A definition production process in addition manufacturing Contract at framework frame production processors in addition manufacturing framework in the second second second second second second second latering data data definition of the second second second second second second Data definition framework and the second											
					Relate ideas and new designs to social issues in furniture production processes Relate of Additive Manufacturing in Industry 4.0											
Indi	ustry 4.0	VR/AR/MR/XR	Augumented Reality	Introduction to Augmented Haulity Augmented Raulity virtual Raulity Augmented Raulity virtual Raulity Types A descent and the second	Learning outcomes: Foundate the use and hanafits of Assemantial Basiliv technology	Augumented reality	Complete Free blended learning	Free under	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
				3. AR: How it works?	Design theoretical augmented reality solutions for the furniture sector		course									
											English 2	1021	5	3		
				 Application of AR in the furniture sector. Design and Prototyping. Application of AR in the furniture sector. Production Process. 	Skills: Uses of Augmented Reality throughout the production chain of furniture, from the design to the final piece											
				8. Application of AR in the furniture sector. Supply chain. 9. Application of AR in the furniture sector. Maintenance.	Identify the different uses of Augmented Reality in the furniture market Recognize the different uses of augmented reality in the production chain											
Ind	atry 4.0	Management	Digital Transformation in Industry	1- Introduction to 14.0. What is 14.0?	Role of Austmented Reality in Industry 4.0 Learning outcomes:	Industry 4.0. Furniture	Complete Free	Free under	Making 4.0 / WULS	N/A vet		Contemporary			N/A yet	Text, presentations
			4.0	 Application A Ad the antimized an Materian M	Skill: Use of Agenetic Ruley throughout the production shain of furniture, Yenn the design to the final pasce ideality the efficience and all agreement Ruley in the farmitism makets the officience of the share	Industry 4.0, Furniture industry, digital	blended learning	conditions								
				4 - Digital transformation in the wood-based industry.	Integrate knowledge of digital transformation into personal, civic, social and employability skills.											
											English 2	1021	5	3		
				 Machinery of the Industry 4.0 in the woood-based industry. Case studies. 	Be able to be part of a team that leads the digital transformation of a company. Know how to identify the new key technologies of digital transformation.											
					Transmit the importance of digital transformation for a furniture company. Gain knowledge about digital transformation.											
Inde	ustry 4.0	VR/AR/MR/XR	Simulation and 3D Scannnig	3. Introduction to Simulation and OD Scaning. 3. Introduction Constraints. 3. Application of Structures are introduction. 3. Application of Structures and the Industry. 4. Supportant modeling: 3D Scaning and Rapid Prototyping. 5. Structures and Structures. 7. Introduction to Structures. 7. International Scaning and Rapid Prototyping.	Skill: Skill: Skills by part of a keen that leads the digital transformation of a company, from here to all exited by the set by tabledings of digital transformation. The set of the set of the transformation of the set o	3D scanning, Prototyping, Simulation	Complete Free blended learning	Free under conditions	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
				3 - Application of Simulation in the Industry. 4 - Application of Simulation within the wood based based	Display an operation or product through 3D scanning and simulation technologies.		course									
				5 sp product modeling: 3D Scanning and Rapid Prototyping.	terrory so carried and announce to content and societables in the wood and sampler modely.						English 2	1021	5	3		
				5 Introduction to Francism. 7 Practical Simulation example.	Skills:											
					Know what simulation is, its most used techniques and software. Know what 3D scanning is and how it works. Applications in the furniture and wood sector.											
Ind	zitry 4.0	Wood	Cloud Computing and Big Data applied to wood-based industry	1. stratuted for a Could Computing and main characteristics 2. stratuted of an Octa Strategies and Str	And a set of the set o	Cloud computing, Big data, data analysis	Complete Free blended learning	Free under	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
			applied to wood-based industry	2 - Modets of Cloud Computing 3 - Deployment Models	Determining gaps or taitures in a Cloud Computing and Big Data scenarios. Providing solutions in Cloud Computing Environment and Big Data analysis ecosystems.	data, data analysis	blended learning course	conditions								
				4 - Introduction to Big Data, characteristics and dimensions of scalability 5 - The process of Data Analysis	Revise literature and new trends of Cloud Computing in the Wood and Furniture Industry.						English 2	1021	5	3		
				6 - Getting started with Hadoop 7 - Internetivition to Rie Data Modeline and Management	Skills: Benevention of risus/based and Rie Data technologies in industrial environments											
				8 - Real Big Data Management Applications	Ability to apply the knowledge acquired in Cloud Computing and Big Data in Industrial environments based on furniture and wood.											
Ind	zstry 4.0	Management	Internet of Things	Introduction to Internet of Things and main characteristics Internet of Things Motoreck Architecture	Learning outcomes:	Internet of Things, IOT architecture, IOT	Complete Free blended learning	Free under	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
				3 - Internet of Transport communication protocols	Sale. The second secon	a-shreeture, IOT deployment	course	consitions								
				4 - Internet of Things Challenges 5 - Application of Internet of Things	Revise literature and new trends of Internet of Things in the Wood and Furniture Industry.						English 2	1021	5	3		
				8 - Relevance of Internet of Things for the future	Comparison in the identification and denominate of Theory substrains the headsty 4.2. Decomposed risk in the substrain a start of the intermediate start of the substraint of the substraint of a start of the substraint of											
Indi	zstry 4.0	General	Network Communications in the industry	1. etapolation to Network Communications in the Industry 2. etapolation-movem etapolation for the Section Section 1 3. Nate interactiveticities of Meteorols Communications Meteorols 5. relativities Communication Networks 4. relativities Communication Standards 7. Jaywell Architectures 4. The Institutes	Learning outcomes: Synthesize main concepts and elements in an Industrial Communication Network	Industry 4.0, Communications	Complete Free blended learning	Free under conditions	Making 4.0 / WULS	N/A yet		Contemporary			N/A yet	Text, presentations
				3 - Main characteristics of Network Communications 4 - Funktion of Communication Network**	Suggest tools and improvements of Communication Networks in an Industrial environment	network, Internet	course									
				5 - Industrial Communication Networks	The second s						English 2	1021	5	3		
				o - incustrial Communication Standards 7 - Layered Architectures	Skille											
				8 - The Internet	Sense Competencies in the identification and deployment of Communication Networks Problem solving in Industrial Networks											

Competencies in the identification and objectives of a competence of a competence of a competence of the competence of t

Indus	try 4.0	Wood	Robotic applied to the wood- based industry	Technical issues in robotic and robots: sensors, actuators, manipulators, gears and other mechanical systems	Learning extractment: Discuss the concepts of industrial robotics and their context in the wood-based industry deards y among types of robots and their an indifferent process in the wood-based industry Defined an industrial robotic calculato a curver and incomming listens in the lightist can the manufacturing wood-based industry	Robotics, industrial robotics, robotics in wood industry	Complete Free blended learning course	Free under conditions	Making 4.0 / WULS	N/A yet		Conte	emporary		N	/A yet	Text, presentations
				Micro, nano and mobile robots Robots in small and medium enterprises Guidelines for implementing robots systems in small and medium enterprises Use cases in the wood based industry Future trends of robots in industry	Salls: Ability to take decisions about the use of robots in wood-based inductry						English	2021	5	3			
Indus	try 4.0	Management	Wireless Technologies for logistic and manufacturing	Introduction to wireless technologies	Synthesia multi concepts and elements taking pair in the instantial robust: Allice in strumours concepts and advantation advantationado advantation a	Wireless, RFID, NFC, Zigbee, Bluetooth	Complete Free blended learning course	Free under conditions	Making 4.0 / WULS	N/A yet		Conte	emporary		Nj	/A yet	Text, presentations
				ternds Near Field Communication (NFC): introduction, main characteristics, devices, standards, privacy, security, use cases and future trends Biustroth/Biustoph I raw Finence (BEF): introduction, main characteristics	Identify the wiveless technologies solutions to current and incomming issues in the logistic and manufacturing processes in industry												
				Wi-FI: introduction, main characteristics, devices, operational modes, privacy, security, use cases and future trends. Wireless technologies for IoT: Sairox. Lora and NB-IoT	Abling to take decisions alow the use of windows technologies in logistic/manufacturing processors hypothesian wind accouncil and alowest skilling part is deployment of windows benchologies in Eucones Abling to suggest new technologies or improvements in windows technologies operating in Ectores/logists/manufacturing						English	2021	5	3			
Indus	no. 4 0	funced	Automation and mechanization.	20/3040: introduction, main characteristics, devices, operational modes, privacy, security, use cases and future trends. Soi introductions, main characteristics, operational modes, standards, privacy, security, use cases and future trends. Smart windess devices for loaistic and manufacturine: wearables 1-The concept of automation and micharitation	Lauring outcome:	Production processes,	Complete Free	Free under	Making 4.0 / WULS	N/A vet		Control				/A vet	Text, presentations
11203	.,	General	Low Cost Automation	2-me consepte a devocate and mechanism of the sense of the sense of the second of the production system environment (First and second) 3-The description of available technology in the field of low cost automation 4-Production in the field of low cost automation in the fumilitare sector. Design and Prototyping.	Device the production system in references of production organization forms development Comparing the new appropriate solutions of production processes Proposes ideas to societal issues according to applied organizational forms in production systems	automation, manufacturing	blended learning course	conditions	manig 4.07 Wold	u)r jar		Com	an gonar y			to he	
					Skills Understanding the terms and aspects of automation and mechanization, system production in relevances of low cost automation Knowledge of available low cost automation technology and how great it has an impact on the first and accord environment, and organization forms of productions rytam Development of all kind develop and prototysing the low cost automatization prototypes and control systems in furniture industry						English	2021	5	3			
Indus	try 4.0	General	Management systems. Lean manufacturing.	2-Concepts and basics of management in manufacturing enterprises 2-Enricommental Management System 3-Business models of modern organizations 4-Quality management system: organization context and leadership 3-Measurement and modeling in management and lawn manufacturing	Lare cede automatism manufacturism is industrive 40 Larennerg automatism Larennerg automatism Larennerg automatism i service automatism automatism automatism automatism automatism Larennerg automatism automatism automatism automatism in automatism in automatism automatism Camandas scalarity responsible an automatism automatism in the spiral fragmatism automatis	management system, enterprise management Lean manufacturing	Complete Free t, blended learning course	Free under conditions	Making 4.0 / WULS	N/A yet		Conte	emporary		N	/A yet	Text, presentations
					Skills: Utalvarsading the iniziationships between individual elements of management systems September divisious stocks to create innovative substants in management systems Akilly to solve cross problems Charling substants bande on kan and ne principle						English	2021	5	3			
Indus	try 4.0	Wood	Materials for furniture manufacturing		Sale: Assess program of understanding beneficient or understanding as the construction substance. Supervisering was not been been as the construction descent and as the construction substance. Supervisering accurate substance of the construct of descent and as the construction substance.	wood-based materials, chipboard, fiberboard, alternative materials	Complete Free blended learning course	Free under conditions	Making 4.0 / WULS	N/A yet		Conte	emporary		Nj	/A yet	Text, presentations
				3-Multilayer wood-assed metavisis (hypical plywood, bent plywood, composite multilayer means-ink) 4- Modification of parameters of technological porcesses and its influence on the parameters of produced wood-based materials 5-feating the strength properties of wood-based materials (modules of rupture, modulus of elusticity, internal bond, determination of resistance at assial removal of sources)							English	2021	5	3			
				6 - Testing the physical properties of wood-based materials (swalling, water absorption, stretce absorption, wettability, free surface energy, density and density perfile) - Alternative wood-based materials in constructions 8-New technologies in the design of wood-based materials													
Indus	try 4.0	Furniture	Materials Processing		Skilic Mangjarg of posening based of materials properties Konologie of machine preparation for processing Devolutionent of flock of processing base	wood machining, woodworking tools, cutting properties	Complete Free blended learning course	Free under conditions	Making 4.0 / WULS	N/A yet	Enelish	Conte	emporary S	3		/A yet	Text, presentations
Indus	try 4.0	furniture	Production processes in the	6. Safettion of machines and tools for the workpiece 7. Worpiece satting in the machines 8. Final product of the process 1 - Solid wood fumilture production	Learning contomes: Determines conting responsives of mutaritals Demonstrates the muchiney proposition for generating Collines the muchines and colline of executive Collines that muchines and collines constant	fumiture production,	Complete Free	Free under	Making 4.0 / WULS	N/A yet		Conte	emporary		N	/A yet	Text, presentations
			furniture sector.	2 - Panel furniture production	Understanding specific of lumiture production Scinardige of application of specific frammat to tasks required Scinardige of application of specific factors to procedure required Scinardige on partice specific function age to a production	machining, finishing, fittings, furniture assembly	blended learning course	conditions			English	2021	5	3			
Control		formed	Basic Concepts on Ecodesign	7 - Assembly and packaging 8 - Safe-handling, storage and transportation Introduction to ecodesian	Learning outcomes: Alaesta the knowledge of solid and panel furniture technology Adapts furniture production Technologically interesting dominant furniture and production		. Complete online free	Free under	Ecosien / CETEM	http://www.ecosign-project.eu/		Cente				ntino	Test acceptations
				Traditional design against ecodesign European legal framework on envicenment and ecodesign Analysis and cost of life cycle Ecodesign principles Environmental agoests of the company		lifecycle	course	conditions			6						
				Implementing ecodesign Environmental management Ecodesign in the environmental management Introduction to eco-labeling, communication Environmental product declaration. communication							English	2018	To be estir	ted 3			
Indus	try 4.0	Furniture	Digital Transformation Manager	Ecodesian matchal cases Digital technologies - veploration of contemporary emerging and potential disruptive technologies Digital technology - semication and ARVR Digital technology - simulation and ARVR Digital technology - simulation and ARVR	Sulti: The inductal Internet of Things (Cybensouthy General Enclosed competitional competitional competitional International And were interpretent integration	industry 4.o, digital transformation, key enabling technologies	Complete online Free course	Free under conditions	Ditrama	https://ditrama.eu/en/training-course	English, French,	Conte	emporary		0	rline	Text, presentations
				Innovation and digital transformation Laadenship indigati transformation Communication in digital transformation The papple within the digital transformation Quality, risk and safety in digital transformation Social and enricommental impact of digitation	Cloud computing Simulation Big data analytics: Address manufacturing Augmented reality Automation, robots						Italian, Polish,	2021	5	2,8			
Circul	ar economy	Furniture	Product-Service Development for Circular Economy and Sustainability Course	Final oreixet (ostonal) Modulas: Introduction to the circular economy Bosinesis models Value chains Processes and materials Decisien and development	Biodohan	Bioeconomy, Product Design, value chain, Life cycle	Complete online Free course	Completely free	PROSPEKTIKER, S.A.	https://www.katche.eu/circular- economy/training-materials/		Conte	emporary		0	rline	Test, knowledge platform
				Radical innovation and collaborative design processes Life cycle partpactive Communication							English	2019	To be Estim	ated To be Esti	nated		
				KATCH-Up Board Game CE Strategist CE Value chains CE Designer													

CE Value chains CE Designer CE Journey CE Analyst KATCHing Carbon