

Interreg

CENTRAL EUROPE



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VReduMED

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A - Project identification

A.1 Project identification

Project ID (automatically created)	CE0100136
Name of the lead partner organisation	Jihočeský vědeckotechnický park, a.s.
Name of the lead partner organisation (in English language)	South Bohemian Science and Technology Park, corp.
Project title	Virtual Reality Education and Training Solutions for Medicine Sector
Project acronym	VReduMED
Programme priority	Cooperating for a smarter central Europe
Programme priority specific objective	SO1.2: Strengthening skills for smart specialisation, industrial transition and entrepreneurship in central Europe
Project duration (nr. of months)	36

A.2 Project summary

Please give a short overview of the project and describe:

- the common challenge of the programme area your project is tackling;
- the overall project objective and the expected change your project will make to the current situation;
- what is innovative about your project;
- the main outputs and results your project will develop and who will benefit from them;
- the implementation approach you plan to take and why transnational cooperation is needed.

VReduMED will improve the cooperation between HEALTHCARE EDUCATION and MEDTECH SUPPLIERS, particularly SMEs/start-ups, using VIRTUAL REALITY AS KEY ENABLER to enrich the education of care students and the upskilling of care practitioners, foster the uptake of MedTech assistance systems by the care sector, and trigger the co-creative development of demand-oriented MedTech solutions to make care work more attractive and ensure high-quality care services in the future. The project capitalises the VReduNET project (ATCZ256) which deals with the use of virtual and augmented reality (VR/AR) in education.

The VReduMED partnership consists of 10 partner organisations from 5 Central European countries: CZ, SK, AT, HU, DE. The project region was defined to reflect the care situation as well as the joint challenges in the education of care professionals in the neighbouring Central European project regions, representing institutions for higher medical care education as well as clusters with MedTech and IT company networks, an economics institute and a specialised educational research organisation.

A Roadmap for VR in MedTech products/service and a Handbook for VR integration in care education will be main strategic outputs. The consortium will establish a transnational care education forum to channel the cooperation of care experts with MedTech companies and VR experts. Three VR labs will be set up for demo sessions and usability tests. Six different pilot actions will test various VR use cases and bring the target groups together in co-creative innovation workshops and transnational hackathon interactions. Together with care students and teachers more than 90+ organisations will participate in the pilot actions.

All partners will cooperate to identify innovative project concepts for developing VR-based solutions for the care sector. 25 organisations will be continuously supported by the partners to develop VR based solutions for the care sector beyond project completion.

A.4 Project budget overview

Programme funding			Contribution					Total eligible budget
Funding source	Funding amount	Co-financing rate (%)	Automatic public contribution	Public contribution	Total public contribution	Private contribution	Total partner contribution	
ERDF	1,758,693.44	80.00 %	0.00	348,541.36	348,541.36	91,132.00	439,673.36	2,198,366.80
Total EU funds	1,758,693.44	80.00 %	0.00	348,541.36	348,541.36	91,132.00	439,673.36	2,198,366.80
Total eligible budget	1,758,693.44	80.00 %	0.00	348,541.36	348,541.36	91,132.00	439,673.36	2,198,366.80

A.5 Project outputs and result overview

Programme output indicator	Aggregated value per Programme output indicator	Measurement unit	Output number	Output title	Output target value	Programme result indicator	Baseline	Result indicator target value	Measurement unit
Strategies and action plans jointly developed	2.00	strategy /action plan	Output 1.1	Roadmap for the integration of VR in MedTech products /services incl. cluster policy recommendations	1.00	Joint strategies and action plans taken up by organisations	0.00	2.00	joint strategy /action plan
			Output 2.1	VReduMED handbook for VR integration in care education, presenting the project toolkit, an educational concept and recommendations for its sustainable transfer	1.00				
Organisations cooperating across borders	22.00	organisations	Output 3.2	Organisations involved in transnational pilot actions and follow-up activities	22.00	Organisations cooperating across borders after project completion	0.00	22.00	organisations
Jointly developed	3.00	solutions	Output 3.3	Project concepts for developing innovative	3.00	Solutions taken up or up-scaled	0.00	3.00	solutions

Programme output indicator	Aggregated value per Programme output indicator	Measurement unit	Output number	Output title	Output target value	Programme result indicator	Baseline	Result indicator target value	Measurement unit
solutions				VR-based solutions for care education, followed up by transnat. cross-sectoral teams during and beyond project lifetime		by organisations			
Pilot actions developed jointly and implemented in projects	3.00	pilot actions	Output 3.1	VReduMED lab demonstrations and pilot actions	3.00				

B - Project partners

B.0 Partners overview

Associated partner number	Status	Name of the organisation in English	Country (NUTS 0)	Abbreviated name of organisation	Partner role in the project	B.2 Associated partners	Partner total eligible budget
1	Active	South Bohemian Science and Technology Park, corp.	Česko (CZ)	JVTP	LP	Jihočeský kraj	266,600.00
2	Active	University of South Bohemia in České Budějovice	Česko (CZ)	JU	PP	Střední zdravotnická škola a Vyšší odborná škola zdravotnická, České Budějovice, Husova 3 Domov pro seniory Máj České Budějovice, p.o.	185,900.00
3	Active	Business Upper Austria	Österreich (AT)	Biz-Up	PP	tech2b Inkubator GmbH	267,100.00
4	Active	Education Group	Österreich (AT)	Edugroup	PP		205,276.00
5	Active	University of Economics in Bratislava	Slovensko (SK)	EUBA	PP	Virtual Medicine, s.r.o. Slovenská marketingová asociácia	220,900.00
6	Active	National Institute of Children's Diseases	Slovensko (SK)	NUDCH	PP		169,100.00
7	Active	Strategic Partnership for	Deutschland	SPS e.V.	PP	BioPark Regensburg GmbH	242,600.00

Associated partner number	Status	Name of the organisation in English	Country (NUTS 0)	Abbreviated name of organisation	Partner role in the project	B.2 Associated partners	Partner total eligible budget
		Sensor Technologies	(DE)				
8	Active	Ostbayerische Technische Hochschule Regensburg	Deutschland (DE)	OTH Regensburg	PP	Berufsfachschule für Krankenpflege der Medizinischen Einrichtungen des Bezirks Oberpfalz Berufsfachschule für Krankenpflege und Berufsfachschule für Kinderkrankenpflege Regensburg Berufsfachschule für Krankenpflege am Caritas Krankenhaus St. Josef Berufsfachschulen für Kranken- und Kinderkrankenpflege am Klinikum St. Marien Amberg	242,630.80
9	Active	Innoskart Business Development Nonprofit Ltd.	Magyarország (HU)	Innoskart	PP	MediKlaszter Nonprofit Kft.	213,060.00
10	Active	Széchenyi István University	Magyarország (HU)	SZE	PP		185,200.00

B.1 Project partner 1

B.1.1 Partner Identity	
Partner number	1
Partner role	LP
Name of the organisation in original language	Jihočeský vědeckotechnický park, a.s.
Name of the organisation in English	South Bohemian Science and Technology Park, corp.
Abbreviated name of organisation	JVTP
Department / unit / division	---
B.1.2 Partner main address	
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	U Zimního stadionu 1952/2 37001 České Budějovice
Homepage	www.jvtp.cz
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	Lipová 1789/9 37005 České Budějovice
B.1.3 Legal and financial information	
Type of partner	Business support organisation
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	0.84.13
Co-financing rate (%)	80
VAT number (if applicable)	CZ28080581

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	28080581
Other identifier description (specification of the type of identifier)	ID (Czech identification number)
PIC (from EC Participant Register), if available	
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Mgr. Kryštof Kothbauer
B.1.5 Contact person	
Contact person	Ing. Jana Moravcová
Email	moravcova@jvtp.cz
Telephone	+420774969654
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>South Bohemian Science and Technology Park (JVTP) was founded by the South Bohemia Regional Authority in 2008 with aim to to support innovative business activities and to support intensity and quality of innovations and technology transfer to the regional economy. In the new building JVTP offers fully equipped laboratories, technology halls, offices, seminar rooms. JVTP also provides wide range of supporting activities for settled and other innovative companies (business plans, studies, initiation of research and developmental projects, test before invest, fundraising, facilitation to academia-business cooperation, monitoring of new research findings and technology trends, networking). JVTP is the member of the Science and Technology Parks Association of the Czech Rep., quality of provided services is declared in Accreditation Certificate.</p> <p>JVTP successfully implement number of projects and partner cooperations:</p> <ul style="list-style-type: none"> - JVTP phase IIA development (large investment project) - SIP-SME (Interreg AT-CZ; project partner) - ENTER-transfer (Interreg CE; project partner) - VReduNet (Interreg AT-CZ; Lead partner) - AI Social Lab (Interreg AT-CZ; project partner) - Creative Border (Interreg CZ-BY; project partner) - S3 Couple Net (Interreg AT-CZ; Lead partner) - Open Data (Interreg CZ-BY; Lead partner) - Smart Accelerator in the South Bohemia Region (in cooperation with SB Regional Authority JVTP led the project connecting tools for the development of innovations in the region and creating an effective innovation system, especially in key areas of change (Quality Human Resources, Business Development and Cooperation and Technology Transfer) 	

B.1.6 Partner motivation, expertise and contribution

- Smart Accelerator 2 ... (follow up project for strengthening regional innovation ecosystem)
 - South Bohemian Digi Hub (founding member of initiative which strengthen competences for digital transformation of regional private and public sector).
- JVTP was established for the public interest and does not provide commercial services on the market.

What is the role and involvement (contribution and main activities) of your organisation in the project?

JVTP is the lead partner of project VReduNet, AT-CZ Interreg project focused on building network for the use of virtual and augmented reality (VR/AR) in education and business practice. Project deals with the readiness of the education system to absorb these new technologies in their training programs and thus develop the necessary competencies of future and current employees. VReduNet brings together 4 partners from 2 EU countries. The aim of the follow-up VReduMED project is to strengthen the project consortium, to expand knowledge and possibilities of technology to other EU countries and to transfer the project's outputs to the currently very busy area of healthcare.

JVTP has long supported innovative business and provides networking services and initiates cross sectoral cooperation with aim to keep on developing comprehensive and interconnected innovation ecosystem. In frame of VReduMED project JVTP ensures the connection to regional technology and innovative companies and will target the involvement of companies focused on use of VR / AR in project WPs and activities. JVTP will be responsible for specification and programming of VR training tools (part of WP2) and will lead WP3 - Demonstration of VReduMED training approach in pilot actions (through established laboratory infrastructure and other innovative tools).

In cooperation with the JU - Faculty of Education and Faculty of Health and Social Sciences (regional tandem partner) JVTP will bring together experts from 2 sectors: healthcare (nursing staff) and commercial sector (companies developing VR / AR applications). This will help to appropriate development and further use of project outputs with aim to help medical staff to keep its potential in caring activities, due to the possibility of rapid and effective training, increasing knowledge and skills (= education). Experience with current development of these technologies (e. g. in industry and trade), will thus be transferred to the field of healthcare.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

JVTP as VReduMED project lead partner takes full financial and legal responsibility for the implementation of the entire project. JVTP will be responsible for overall project coordination, which means:

- coordination of transnational cooperation on implementation of particular project WPs and activities (connected to project objectives); with full support of WP and activity leaders, other project partners and associated partners (policy support including),
- coordination of delivering project outputs and results (bringing new jointly developed solutions ready fully prepared for their implementation),
- cooperation on activity coordination led by PP9 Innoskart.

JVTP is the organization established and supported by South Bohemia Regional Authority. This support ensures sufficient financial and personal capacities for project implementation as well as overall project coordination (according to the lead partner declaration and involvement of South Bohemia

B.1.6 Partner motivation, expertise and contribution

Regional Authority in role of associated partner in project implementation).

JVTP team is experienced in cross sectoral networking, innovation support and technology transfer. This experience is evidenced by the implementation of a number of EU and national projects. JVTP is involved in 5 ongoing Interreg projects: 3 Interreg AT-CZ projects (in 2 of them in the role of lead partner) and 2 Interreg CZ-BY projects (in 1 of them in the role of lead partner). JVTP was the project partner of successfully completed project ENTER transfer (Advancement of the economic and social innovation through the creation of the environment enabling business succession) implemented in cooperation of 9 project partners from 5 EU countries (Slovakia, Czech Rep., Austria, Poland, Croatia) and 15 associated partners. Project outputs were delivered successfully within the project timeframe and project budget, and are continuously used in the frame of ongoing activities of involved partner organizations.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	213,280.00	80.00 %
Partner contribution	53,320.00	20.00 %
Partner total eligible budget	266,600.00	100.00 %

Origin of partner contribution

Source of contribution	Legal status	Amount	% of total partner budget
JVTP	Public	26,660.00	10.00 %
Ministry of Regional Development CR	Public	26,660.00	10.00 %

Contribution

Sub-total public contribution	53,320.00	20.00 %
Sub-total automatic public contribution	0.00	0.00 %
Total	0.00	0.00 %
Total eligible budget	53,320.00	20.00 %

State Aid

B.1.9 State Aid information (Partner self-check)	
A. Is the partner involved in economic activities within the project?	
1. Will the partner implement activities and/or offer goods/services for which a market exists?	No
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?	No
B. Does the partner and/or any third party receive a selective advantage within the project?	
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?	No
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?	No
C. State aid relevant activities (select from drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 2

B.1.1 Partner Identity	
Partner number	2
Partner role	PP
Name of the organisation in original language	Jihočeská univerzita v Českých Budějovicích
Name of the organisation in English	University of South Bohemia in České Budějovice
Abbreviated name of organisation	JU
Department / unit / division	Faculty of Education + Faculty of Health and Social Sciences
B.1.2 Partner main address	
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	Branišovská 1645/31a 37005 České Budějovice
Homepage	www.jcu.cz
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	Jeronýmova 10 37115 České Budějovice
B.1.3 Legal and financial information	
Type of partner	Higher education and research organisations
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	P.85.42
Co-financing rate (%)	80
VAT number (if applicable)	CZ60076658

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	60076658
Other identifier description (specification of the type of identifier)	ID (Czech Identification Number)
PIC (from EC Participant Register), if available	999876292
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	prof. PhDr., Dr. Bohumil Jiroušek
B.1.5 Contact person	
Contact person	doc. RNDr., Ph.D. Helena Koldová
Email	dekan@pf.jcu.cz
Telephone	+420387773021
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>JU brings the involvement of 2 faculties relevant for the project topic: Faculty of Education (FoE) and Faculty of Health and Social Science (FoHSS).</p> <p>FoE is a professional organization focused on teaching and education, which guarantee the didactical and educational level of the project. In the long term, it has been involved in issues related to pedagogical-psychological preparation of teachers and didactic issues related to digital literacy, the use of IT in teaching, including the use of VR. Main vision of FoE is the high quality preparation of teachers who will serve in the future society, one sign of which is the increasing use of digital technologies. Over past 10 years, the expert teams have led international and national projects on related topics, e.g.:</p> <ul style="list-style-type: none"> - MATEMATECH (Interreg AT-CZ, www.matematech.cz; Lead partner), main objective was to create a cross-border network for the systematic searching of ways and tools to increase the interest of pupils in studying technical and science subjects at all school levels. Within the network teachers worked together with representatives of industrial enterprises and experts in mathematics education. - VReduNet (Interreg AT-CZ, www.vredunet.eu; project partner) aimed to build cross-border sustainable network of experts and organizations dealing with AR/VR technology and to show possibilities for VR /AR use in companies and in education; development of educational materials, organization of popular-education activities, workshops and conferences for pre-service and in-service teachers. - PRIM (www.imysleni.cz; Lead partner for all faculties of education in the Czech Republic). <p>FoHSS has healthcare expertise and cooperates with a number of institutions in the field of health and social care, e.g., hospitals, retirement homes, and other health and social care facilities with long-term relationships and mutual cooperations for understanding and experiencing medical environment and educating people for work in healthcare.</p>	

B.1.6 Partner motivation, expertise and contribution

What is the role and involvement (contribution and main activities) of your organisation in the project?

As a project partner, FoE will provide a pedagogical-didactic-psychological view of the possibilities and limits of using VR in teaching from the perspective of in-service teachers and lecturers of specialized subjects who include VR/AR within the planned curriculum. At present, the FoE intends to establish and certify the study program Teacher of Vocational Subjects, in cooperation with professional faculties of the JU (including FoHSS). Teaching using VR/AR is included as part of the curriculum in this program. Based on participation in the implementation of the VReduNet project, project outputs will be further developed and adapted according to the needs and specifics of the healthcare sector.

JU, as the tandem partner of project lead partner, will be involved within all project WPs and activities. JU will be responsible for mapping of competences and resources in the partner regions (based on the findings from the previous VReduNet project, contributes to WP1 of the upcoming project). In cooperation with both faculties, JU will coordinate mapping of existing competences and knowledge gaps in the field of the assistance system, mapping of existing VR/AR infrastructure and available VR/AR applications in partner regions and collecting of good practice case studies in partner regions (fully supported by project LP and other project partners). JU will assist within WP2 - Development of VReduMED training and open innovation toolkit, providing didactical and educational expertise to particular activities (educational concept, training tools, methods for cross-sectoral innovations, training and open innovation toolkit). JU will be involved in implementation of pilot actions and subsequent development of new solutions, as well as in part of user involvement and sustainable knowledge transfer. JU will be responsible for the organization of an application-oriented final conference.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	148,720.00	80.00 %
Partner contribution	37,180.00	20.00 %
Partner total eligible budget	185,900.00	100.00 %

Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
JU	Public	18,590.00	10.00 %
Ministry of Regional Development CR	Public	18,590.00	10.00 %
Contribution			
Sub-total public contribution		37,180.00	20.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		0.00	0.00 %
Total eligible budget		37,180.00	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?	No		
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?	No		
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?	No		
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?	No		
C. State aid relevant activities (select from drop-down menu based on C.4 entries)			

D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	
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B.1 Project partner 3

B.1.1 Partner Identity	
Partner number	3
Partner role	PP
Name of the organisation in original language	Business Upper Austria – OÖ Wirtschaftsagentur GmbH
Name of the organisation in English	Business Upper Austria
Abbreviated name of organisation	Biz-Up
Department / unit / division	Cluster and Collaboration
B.1.2 Partner main address	
Country (NUTS 0)	Österreich (AT)
Region (NUTS 2)	Oberösterreich (AT31)
NUTS 3	Linz-Wels (AT312)
Street, House number, Postal code, City	Hafenstraße 47-51 4020 Linz
Homepage	www.biz-up.at
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Österreich (AT)
Region (NUTS 2)	Oberösterreich (AT31)
NUTS 3	Linz-Wels (AT312)
Street, House number, Postal code, City	Hafenstraße 47-51 4020 Linz
B.1.3 Legal and financial information	
Type of partner	Business support organisation
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	0.84.13
Co-financing rate (%)	80
VAT number (if applicable)	ATU37311609

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	
Other identifier description (specification of the type of identifier)	
PIC (from EC Participant Register), if available	998776991
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Mr. Werner Pamminger
B.1.5 Contact person	
Contact person	Mr. Christoph Reiss-Schmidt
Email	Christoph.reiss-schmidt@biz-up.at
Telephone	00436648186586
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>Business Upper Austria (Biz-Up) is the Upper Austrian government's location agency, an innovation driver and the first contact partner for companies in Austria and abroad to whom we offer customized solutions for their investment and innovation projects. We help steer economic and research policy.</p>	
<p>RESPONSIBILITIES:</p> <ul style="list-style-type: none"> - Securing, strengthening and enhancing the business and employment location of Upper Austria - Positioning Upper Austria internationally - Creation and continued development of infrastructure to encourage investments, innovation and technologies - Promoting the settlement of companies as well as expansion of existing companies, innovation and technology transfer 	
<p>Biz-Up links together the network for economic success: helps to find national and international cooperation, builds international customer relationships, gives direct access to innovation and technology networks. Partners in one of Biz-Up clusters can profit from the solutions tailor-made by specialists:</p> <ul style="list-style-type: none"> - MedTech-Cluster (MTC) is the main interface between industry, science and medicine, network consists of approx. 230 partners with aim is to bring together relevant players from the MedTech to doing business together, i.e. becoming mutual cooperation partners in regional, national or international projects. Since the Cluster was founded (2002), a total number of 84 ideas coming from MedTech stakeholders were turned into successful projects. - IT Cluster: cooperation network for the IT sector, especially the software industry, competence hub for 	

B.1.6 Partner motivation, expertise and contribution

digitization in all branches and a driver of visibility for Upper Austria as a digital region at all levels.

In cooperation with other partner companies, Biz-Up shapes the future in one of Austria's strongest economic regions. As a network for the IT and SW sectors, declared goal is to increase the competitiveness of partner companies and to ensure a continuous transfer of innovations from the IT sector to users' branches.

What is the role and involvement (contribution and main activities) of your organisation in the project?

Biz-up has already participated in various EU-Projects in different funding channels (CIP, Leonardo da Vinci, Europe AID, FP6, FP7, Interreg III, Interreg IV, Regions of Knowledge, Horizon 2020) and is also project partner of the project VReduNet, in which the idea for the present project application came up.

Biz-up will bring in these different experiences from this and other past EU projects, as well as numerous contacts from its regional, national and international networks. An example of a supporter of this project is the Center for Technical Innovation in Medicine (TIMed Center) which focuses on the development of interdisciplinary solutions for technical issues in the life sciences, with which Biz-up regularly coordinates.

Biz-Up can make its strengths and know-how available to the project, especially in the analysis of the regional framework conditions, the development of action plans and transnational recommendations, but above all in the use of open innovation methods for cross-sector interactions.

Based on experience above Biz-Up will coordinate activity focused on development of regional action plans and transnational policy recommendation (fully supported by LP, other project partner as well as associated partners - partners with policy making power included). As the organization is advanced and experienced in open innovation approach and methods, Biz-Up will lead the activity concerned on development of VReduMED method for cross-sectoral innovation (persona development as a basis for VReduMED innovation approach, development of open innovation formats for cross-sectoral interaction, development of transnational VReduMED open innovation approach for sustainable roll-out in CE, definition of 2 case studies / challenges for transnational hackathons or similar online interaction sessions). Biz-Up as a business support organization will fully assist project LP (JVTP) in involving innovative and technology businesses into project activities implementation.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing			
Source		Amount	Percentage
ERDF		213,680.00	80.00 %
Partner contribution		53,420.00	20.00 %
Partner total eligible budget		267,100.00	100.00 %
Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
Biz-Up	Public	53,420.00	20.00 %
Contribution			
Sub-total public contribution		53,420.00	20.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		0.00	0.00 %
Total eligible budget		53,420.00	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?		No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?		No	
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?		No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an		No	

B. Does the partner and/or any third party receive a selective advantage within the project?	
advantage through activities carried out by the partner within the project?	
C. State aid relevant activities (select from drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 4

B.1.1 Partner Identity	
Partner number	4
Partner role	PP
Name of the organisation in original language	Education Group GmbH
Name of the organisation in English	Education Group
Abbreviated name of organisation	Edugroup
Department / unit / division	Zentrum für Bildungsforschung OÖ
B.1.2 Partner main address	
Country (NUTS 0)	Österreich (AT)
Region (NUTS 2)	Oberösterreich (AT31)
NUTS 3	Linz-Wels (AT312)
Street, House number, Postal code, City	Anastasius-Grün-Straße 22-24 4020 Linz
Homepage	www.edugroup.at
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Österreich (AT)
Region (NUTS 2)	Oberösterreich (AT31)
NUTS 3	Linz-Wels (AT312)
Street, House number, Postal code, City	Anastasius-Grün-Straße 22-24 4020 Linz
B.1.3 Legal and financial information	
Type of partner	Infrastructure and (public) service provider
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	P.85.60
Co-financing rate (%)	80
VAT number (if applicable)	ATU51132509

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	---
Other identifier description (specification of the type of identifier)	---
PIC (from EC Participant Register), if available	936139920
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Mr. Peter Eiselmair
B.1.5 Contact person	
Contact person	Ms Astrid Leeb
Email	a.leeb@edugroup.at
Telephone	0043732788078400
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>The non-profit Education Group GmbH is a service, research and project agency in the education sector that is unique in Austria. Many years of experience in the fields of media, education and technology, picking up on trends and an intensive orientation towards the current and future requirements of a modern educational landscape form the basis for the service portfolio of the Education Group and thus make it an innovation driver and a valuable companion for educational institutions as well as for project partners and decision-makers.</p> <p>The Education Group is a reliable, competent partner in national and international networks and is involved in a large number of federal projects. It has also been part of EU project consortia for more than 20 years and makes a significant contribution to the successful implementation of international projects in a wide variety of funding programs both as a partner and as a coordinator.</p> <p>The Education Group is characterized by:</p> <ul style="list-style-type: none"> • Pedagogical know-how as well as high media competence of the team of pedagogues & technicians & as well as project employees. • A well-founded technical background through many years of experience as the operator of the Upper Austrian school network. • direct accessibility of the target group via the leading education portals in the German-speaking area. • Taking up innovative ideas, from which application-oriented pedagogical concepts and projects for the education sector are developed. • the organization and implementation of information, training and networking measures in a wide variety of forms, from seminars and workshops in cooperation with the teacher training colleges in their own seminar center to major events. • the implementation and provision of nationwide services. 	

B.1.6 Partner motivation, expertise and contribution

- a national and international network with excellent contacts to ministries, the school supervisory board, the teacher training colleges, ...

What is the role and involvement (contribution and main activities) of your organisation in the project?

VR/AR open up new possibilities for the presentation of learning content and thus innovative and immersive but also more emotional learning experiences by immersing yourself in virtual worlds and the almost tangible objects, environments and scenarios.

As partner of the VReduNet "Virtual Reality for Education Network" (Interreg ATCZ256) project Edugroup was able to take a comprehensive look at the potential of VR/AR, analyze whether schools or companies are ready for these technologies, and was able to get to know a variety of schools and in-company training institutions and their VR or AR applications and experiences and, based on this, participate in the development and piloting of a multi-day training course.

Edugroup will use this wealth of experience, its know-how in the pedagogical field and many years of experience as a service agency and "bridge builder" between people who are not so technically savvy and technical experts in the VReduMED project.

They will support the needs analyzes and the definitions of the specifications, contribute results, experience and a large number of contacts and application examples, and will contribute our methodological and didactic knowledge for the target group-oriented pilot training courses, above all in the development of the training program. In close coordination with tandem partner Biz-Up and CZ partner JU, Edugroup will lead WP2, develop VReduMED educational concept, implement pilot actions in AT and carry out the evaluation of the pilot measures.

Edugroup has the support of Upper Austria Education Directorate for project implementation to embed training measures well into the educational landscape. Edugroup is also in exchange with the University of Applied Sciences for Health Professions. Another exciting contacts are "Lifetool", an organization that has been dealing with technology to support people in special situations for decades, and "Vitablick", an institution already using VR in senior citizens' facilities.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
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Other costs Flat Rate	40%
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The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	164,220.80	80.00 %

B.1.8 Cofinancing			
Source		Amount	Percentage
Partner contribution		41,055.20	20.00 %
Partner total eligible budget		205,276.00	100.00 %
Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
Edugroup	Public	41,055.20	20.00 %
Contribution			
Sub-total public contribution		41,055.20	20.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		0.00	0.00 %
Total eligible budget		41,055.20	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?		No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?		No	
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?		No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?		No	

C. State aid relevant activities (select from drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 5

B.1.1 Partner Identity	
Partner number	5
Partner role	PP
Name of the organisation in original language	Ekonomická univerzita v Bratislave
Name of the organisation in English	University of Economics in Bratislava
Abbreviated name of organisation	EUBA
Department / unit / division	Faculty of Business Management
B.1.2 Partner main address	
Country (NUTS 0)	Slovensko (SK)
Region (NUTS 2)	Bratislavský kraj (SK01)
NUTS 3	Bratislavský kraj (SK010)
Street, House number, Postal code, City	Dolnozemska cesta 1/A 852 35 Bratislava
Homepage	www.euba.sk
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Slovensko (SK)
Region (NUTS 2)	Bratislavský kraj (SK01)
NUTS 3	Bratislavský kraj (SK010)
Street, House number, Postal code, City	Dolnozemska cesta 1/A 852 35 Bratislava
B.1.3 Legal and financial information	
Type of partner	Higher education and research organisations
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	P.85.4
Co-financing rate (%)	80
VAT number (if applicable)	SK2020879245

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	
Other identifier description (specification of the type of identifier)	
PIC (from EC Participant Register), if available	934565804
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Mr. Ferdinand Daňo
B.1.5 Contact person	
Contact person	Mr. Peter Markovič
Email	peter.markovic@euba.sk
Telephone	+421267295535
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>University of Economics Bratislava (EUBA) is nowadays considered one of the most important educational and scientific-research institutions in the Slovak Republic. The UEBA is a public higher education institution focusing on Economics, Business, and Management. It provides higher education in Bachelor's, Master's and Doctoral programmes to over 7200 students. UEBA is well experienced with projects on international level. Over the years of existence, UEBA processed couple of hundreds R&D and educational projects, such as Interreg CENTRAL Europe, Interreg Europe and Cross-border programmes projects, Jean Monnet, ENSR network, COST, Erasmus Mundus, Visegrad fund and other. Faculty of Business Management (FBM) of the UEBA is in close cooperation with business environment through their graduates and alumni club, as well as through organizations like Junior chamber International and Slovak business chamber of commerce. Most of the research activities are focused on SMEs, but also on electronic markets topics. Through its activities and network of contacts, the faculty has close relation with businesses and startups working in the market segment of IT technologies, specializing in VR solutions, some of which will be brought into the project in the role of associated partners. Overall, the FBM UEBA project-research team has been part of three Interreg CE projects in recent years, in one of those in the role of the lead partner. And thus, can provide experience with project coordination and management if needed.</p> <p>Just as expected from a university, the main activity of the organization is education and research in various topics, that include businesses and entrepreneurship, business management, tourism, marketing and many other areas of economy and economics.</p>	
<p>What is the role and involvement (contribution and main activities) of your organisation in the project?</p>	

B.1.6 Partner motivation, expertise and contribution

As an academic and economic project partner connected to business environment EUBA will actively contribute to development of project outputs and deliverables in close cooperation with LP, other partners and associated partners. EUBA is taking the role of WP1 leader bringing VReduMED vision ("VR as the key enabler for human-centered innovation in nursing and health care") to the final phase of Roadmap (and stakeholder involvement). EUBA will start with leading the thematic research of status quo in the project targeted groups and areas, collect good practice cases, coordinate joint development of comparative analysis of affected regions presented to stakeholder groups in partner regions. In close cooperation with PP3 Biz-UP EUBA will coordinate joint development of regional action plans and transnational strategies and policy recommendation. In addition, the scientific background of UEBA and experience with research could be utilized in development of business models / involvement models for organizations interested to introduce VR solutions to their daily routines. Thanks to high outreach to the business environment in Slovakia and other academic institutions, dissemination of the project idea and spread of the results can be achieved easier (within the stakeholder involvement phase). EUBA will be responsible for organization of mid-term VReduMED event, using possibilities of innovative technologies (combination of virtual and physical event enabling transnational and cross-sectoral cooperation).

Long term cooperation set between EUBA and technical experts in field of virtual training for medical staff will support EUBA's project team in technical issues of project implementation.

EUBA will be in close cooperation with tandem partner NUDCH (PP6), which operates in hospital and caring environment and thus ensures the transfer of VReduMED knowledge to the praxis (medical sector).

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	176,720.00	80.00 %
Partner contribution	44,180.00	20.00 %
Partner total eligible budget	220,900.00	100.00 %

Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
EUBA	Public	17,672.00	8.00 %
Ministry of Investments, Regional Development and Informatization of the Slovak Republic	Public	26,508.00	12.00 %
Contribution			
Sub-total public contribution		44,180.00	20.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		0.00	0.00 %
Total eligible budget		44,180.00	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?	No		
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?	No		
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?	No		
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?	No		
C. State aid relevant activities (select from			

drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 6

B.1.1 Partner Identity	
Partner number	6
Partner role	PP
Name of the organisation in original language	Národný ústav detských chorôb
Name of the organisation in English	National Institute of Children's Diseases
Abbreviated name of organisation	NUDCH
Department / unit / division	Klinika pediatrickej urológie LFUK a NÚDCH
B.1.2 Partner main address	
Country (NUTS 0)	Slovensko (SK)
Region (NUTS 2)	Bratislavský kraj (SK01)
NUTS 3	Bratislavský kraj (SK010)
Street, House number, Postal code, City	Limbova 1 833 40 Bratislava
Homepage	www.nudch.eu
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Slovensko (SK)
Region (NUTS 2)	Bratislavský kraj (SK01)
NUTS 3	Bratislavský kraj (SK010)
Street, House number, Postal code, City	Limbova 1 833 40 Bratislava
B.1.3 Legal and financial information	
Type of partner	Hospitals and medical centres
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	Q.86.10
Co-financing rate (%)	80
VAT number (if applicable)	SK2020848368

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	---
Other identifier description (specification of the type of identifier)	---
PIC (from EC Participant Register), if available	917136068
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	MUDr. Peter Bartoň
B.1.5 Contact person	
Contact person	Assoc.Prof.,M.D.,PhD.MSc. Ján Breza
Email	jan.breza@nudch.eu
Telephone	+421259371261
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>National Institute of Pediatric Diseases (NUDCH) was established as a state-subsidized organization by the decision of the Ministry of Health of the Slovak Republic by the Memorandum of Association with effect from January 1, 1991.</p>	
<p>The basic mission of NÚDCH is to perform tasks related to the care for the protection, preservation and restoration of health of patients from birth to 18 years + 364 days by providing health care.</p>	
<p>The subject of NUDCH's activities is:</p> <ul style="list-style-type: none"> - provision of specialized emergency and in-house health care to patients from birth to 18 years of age, including 18 years of age - collection of hematopoietic stem cell grafts from living donors, their processing, preservation and transfer to the recipient - procurement of organs for transplantation purposes, their processing and transmission to the recipient - provision of a first aid medical service for children and adolescents and transport by a mobile intensive care unit for critically ill children and newborns - co-operation with educational institutions that provide secondary, university and further education of health care staff and, in cooperation with relevant professional societies and professional organizations in health care, organize continuous education of health care workers - fulfillment of other tasks determined by the Ministry of Health of the Slovak Republic. 	
<p>What is the role and involvement (contribution and main activities) of your organisation in the project?</p>	

B.1.6 Partner motivation, expertise and contribution

According to the VReduMED project focused on transfer the technology knowledge from industry and trade to medical sector, NUDCH will help project consortium to reach project outputs and deliverables reflecting the medical (caring) environment specifics, needs and possibilities of their practical use. Connection to educational institutions, universities and organizations of further educations in Slovakia as well as transnational cooperation activities will be very useful in VReduMED mapping phase, phase of development roadmap, action plans and policy recommendation (WP1) and in phase of development VReduMED training and open innovation toolkit (WP2) to which will bring the medical and caring point of view. NUDCH will also participate in phase of demonstration of VReduMED training approach in pilot action and will help to bring new solutions based on these pilot actions. NUDCH will be in close cooperation with SK tandem partner (EUBA) and their technical support (Virtual Medicine expert). NUDCH will be the part of transnational medical team within the project and in close cooperation with PP8 OTH Regensburg will bring the expert point of view based on medical experience. Thus NUDCH will cooperate on implementation of pilot actions led by PP8.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	135,280.00	80.00 %
Partner contribution	33,820.00	20.00 %
Partner total eligible budget	169,100.00	100.00 %

Origin of partner contribution

Source of contribution	Legal status	Amount	% of total partner budget
NUDCH	Public	13,528.00	8.00 %
Ministry of Investments, Regional Development and Informatization of the Slovak Republic	Public	20,292.00	12.00 %

Contribution		
Sub-total public contribution	33,820.00	20.00 %
Sub-total automatic public contribution	0.00	0.00 %
Total	0.00	0.00 %
Total eligible budget	33,820.00	20.00 %
State Aid		
B.1.9 State Aid information (Partner self-check)		
A. Is the partner involved in economic activities within the project?		
1. Will the partner implement activities and/or offer goods/services for which a market exists?	No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?	No	
B. Does the partner and/or any third party receive a selective advantage within the project?		
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?	No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?	No	
C. State aid relevant activities (select from drop-down menu based on C.4 entries)		
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)		

B.1 Project partner 7

B.1.1 Partner Identity	
Partner number	7
Partner role	PP
Name of the organisation in original language	Strategische Partnerschaft Sensorik e.V.
Name of the organisation in English	Strategic Partnership for Sensor Technologies
Abbreviated name of organisation	SPS e.V.
Department / unit / division	
B.1.2 Partner main address	
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Franz-Mayer-Straße 1 93053 Regensburg
Homepage	www.sensorik-bayern.de
Address of department / unit / division (if applicable)	
Country (NUTS 0)	
Region (NUTS 2)	
NUTS 3	
Street, House number, Postal code, City	
B.1.3 Legal and financial information	
Type of partner	Business support organisation
Subtype of partner	
Legal status	Private
Sector of activity at NACE group level	S.94.11
Co-financing rate (%)	80
VAT number (if applicable)	DE250746071
Other identifier number (if VAT number is not	

B.1.3 Legal and financial information	
available, some other organisation identifier should be used)	
Other identifier description (specification of the type of identifier)	
PIC (from EC Participant Register), if available	941947407
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Ms Stefanie Fuchs
B.1.5 Contact person	
Contact person	Ms Stefanie Fuchs
Email	s.fuchs1@sensorik-bayern.de
Telephone	00499419166300
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>Strategische Partnerschaft Sensorik (SPS) / Cluster Sensorik has been pooling Bavaria's sensor expertise of companies, universities and research institutes on behalf of the federal state of Bavaria (cca 90 members and over 250 partners). SPS has been acting as an interface between business and science for more than 15 years in order to accelerate technology transfer, to promote the acceptance of the use of new technologies on a broad and effective basis. SPS is well networked in the region and cooperates with numerous networks and clusters in various cross-cluster projects at federal and EU level to develop and test innovative, practical teaching and learning scenarios (INTERREG, HORIZON, Erasmus+), e.g.:</p> <ul style="list-style-type: none"> - CoDiCLUST: Utilizing the potential of digital learning in companies - Smart InDiZ I: DigitalTransformation Manager, Agile Project Management, Business Administration for Engineers - SCIENT: A European University-Business Alliance aiming to foster young scientists' entrepreneurial spirit (Erasmus+) - ICT Entrepreneur: A European University-Business Alliance aiming to foster the entrepreneurial spirit of ICT students (Erasmus+) - BASIL: Brainwave driven digital Assistance System for motor-Impaired people (INTERREG/ZIEL ETZ). <p>SPS offers a wide range of services. Depending on individual needs, members and partners can take advantage of various formats of support. Marketing for the sector, but also for the individual company and active participation in shaping technology development are further components of the SPS's service portfolio.</p> <p>SPS develop and implement modular online learning programs for the field of VET learning. For approaches in the field of digital learning, SPS was awarded the "HRDigital" award at the federal level. SPS has held the European ECEI SILVER label "Dedicated to Cluster Excellence" for years. In 2014, SPS</p>	

B.1.6 Partner motivation, expertise and contribution

was recognized as an "Innovative Network" for new approaches to securing skilled workers in the region.

What is the role and involvement (contribution and main activities) of your organisation in the project?

As a technology cluster, SPS deals with new learning, demographic change and work 4.0 an early topic of discussion in the sensor technology network. Training, Re- und Upskilling, Learning Concepts: SPS has already implemented a lot of real practical topics in workshops, seminar series and training courses, which are especially interesting for high-tech companies / SMEs. Various concepts of coaching and personnel development modules promote personal, methodical and technical innovation competence of professionals and companies. SPS employees have high methodological competence in the following areas: Innovation management, design thinking, open innovation, agile working, implementation of Digital learning in companies and institutions. The broad range of concepts enable the SPS to react quickly to (young) professionals demands.

Innovation management and technology-transfer: SPS promotes technology development through consulting and networking. SPS brings together the know-how of suitable players and support the acquisition of funding for cooperation projects. Innovative, internationally competitive products and services are also created through interdisciplinary and cross-industry networking.

Cross-sectoral Networking Building discussion- and working-platforms for small and medium-sized businesses and large scale industries, global players, universities and scientific institutions in order to bring project partners together – nationally and internationally.

SPS will using its expertize cooperate on implementation of all project WPs and activities. SPS will be given a special responsibility for activities focused on involvement, dissemination and sustainable knowledge transfer, which includes presentation of VR experience at pilot actions, awareness raising campaign and roadshow for joint demonstration of VReduMED innovative approach to target users in all partner regions and regional roll-out conferences for SME target group, in cooperation with LP, PP3, PP5 and PP9.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
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Other costs Flat Rate	40%
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The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	194,080.00	80.00 %

B.1.8 Cofinancing			
Source		Amount	Percentage
Partner contribution		48,520.00	20.00 %
Partner total eligible budget		242,600.00	100.00 %
Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
SPS e.V.	Private	48,520.00	20.00 %
Contribution			
Sub-total public contribution		0.00	0.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		48,520.00	20.00 %
Total eligible budget		48,520.00	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?		No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?		No	
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?		No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?		No	

C. State aid relevant activities (select from drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 8

B.1.1 Partner Identity	
Partner number	8
Partner role	PP
Name of the organisation in original language	Ostbayerische Technische Hochschule Regensburg
Name of the organisation in English	Ostbayerische Technische Hochschule Regensburg
Abbreviated name of organisation	OTH Regensburg
Department / unit / division	Nursing Laboratory of the Regensburg Center of Health Sciences and Technology (RCHST)
B.1.2 Partner main address	
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Prüfening Str. 58 93049 Regensburg
Homepage	www.oth-regensburg.de
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Am Biopark 9 93053 Regensburg
B.1.3 Legal and financial information	
Type of partner	Higher education and research organisations
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	P.85.4
Co-financing rate (%)	80
VAT number (if applicable)	DE250211285

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	---
Other identifier description (specification of the type of identifier)	---
PIC (from EC Participant Register), if available	997999730
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Mr Prof. Dr. Wolfgang Baier
B.1.5 Contact person	
Contact person	Ms Prof. Dr. Annette Meussling-Sentpali
Email	annette.meussling-sentpali@oth-regensburg.de
Telephone	+49941943-9813
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>The Nursing Laboratory is part of the Regensburg Center of Health Sciences and Technology (RCHST) research institute, located at the Ostbayerische Technische Hochschule Regensburg (OTH-R). The RCHST bundles extensive expertise in teaching, research, and continuing education in the fields of medical technology / medical informatics and health and social sciences. The scientific focus of the Nursing Laboratory (part of the Health and Social Sciences faculty) includes: Clinical nursing research in the context of professional policy decision-making processes, development of care education and health care research. This research is targeted at prevention, counseling, age-specific nursing phenomena, organizational structures specific to the nursing profession, professionalization of the nursing profession, and development and evaluation of factors of disease prevention and health promotion in workplace and non-workplace contexts.</p> <p>The Nursing Laboratory of the RCHST participates in projects for a wide variety of federal ministries on a national level and thus plays an important role in obtaining profession-specific and health-specific scientific knowledge. The Nursing Laboratory identified digitization, especially robotics in healthcare and specifically in nursing, as an important research sector at an early stage and, in that field, collaborates in national projects such as the "Telepresence Robot for the Care and Support of Stroke Patients" project (TePUS).</p> <p>Particularly in the area of university teaching, the Nursing Laboratory, with its various study programs Nursing Dual B.Sc., Nursing B.A., Part-time Nursing Management B.A. and the Master's program Advanced Nursing Practice, plays an important role in the professionalization of the nursing profession in Germany.</p>	

B.1.6 Partner motivation, expertise and contribution

What is the role and involvement (contribution and main activities) of your organisation in the project?

Needs assessment and evaluation of VR trainings in nursing education: OTH-R offers a wide range of higher education degrees at bachelor's and master's level. Furthermore, the Nursing Laboratory has established extensive contacts to a training network of regional nursing schools and healthcare providers. These well-established contacts can be used immediately in the project to do a needs assessment of VR training in nursing education and an evaluation of developed VR trainings at all qualification levels of nursing education (nursing schools, Nursing on a Bachelor and Master level).

Providing ideas for realistic care situations: "Practicing nursing", in all stages of nursing education, can potentially harm patients and trainees. Patients as well as trainees are vulnerable groups, who both would suffer from a high mental and/or physical burden in case nursing practices would harm patients during education. Practicing nursing by hand is important to learn. VR training can provide a protective space, in which safe learning is possible, without potentially harming neither patients nor trainees. Because of its expertise in nursing education and clinical nursing research, the Nursing Laboratory can identify and name vulnerable groups and potentially harmful situations and provide ideas for realistic care situations to be developed in VR trainings.

Attract new employees: Innovative ways of using VR to attract young students to be educate in nursing are intended to counteract the growing shortage of skilled workers in EU, especially in the program area. Staff members from the Nursing Laboratory will visit graduating classes. Using VR, the aim is to arouse interest in the profession of nursing among students.

OTH experts will lead VReduMED pilot actions: series of regional workshops and transnational webinars for introducing VReduMED toolkit and lab concept, involvement of care sector to cross-sectoral coop., transnational coop. on VR solutions for care sector challenges.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	194,104.64	80.00 %
Partner contribution	48,526.16	20.00 %

B.1.8 Cofinancing			
Source		Amount	Percentage
Partner total eligible budget		242,630.80	100.00 %
Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
OTH Regensburg	Public	48,526.16	20.00 %
Contribution			
Sub-total public contribution		48,526.16	20.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		0.00	0.00 %
Total eligible budget		48,526.16	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?		No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?		No	
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?		No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?		No	

C. State aid relevant activities (select from drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 9

B.1.1 Partner Identity	
Partner number	9
Partner role	PP
Name of the organisation in original language	Innoskart Vállalkozásfejlesztési Nonprofit Kft.
Name of the organisation in English	Innoskart Business Development Nonprofit Ltd.
Abbreviated name of organisation	Innoskart
Department / unit / division	
B.1.2 Partner main address	
Country (NUTS 0)	Magyarország (HU)
Region (NUTS 2)	Közép-Dunántúl (HU21)
NUTS 3	Fejér (HU211)
Street, House number, Postal code, City	Móricz Zsigmond 14 8000 Székesfehérvár
Homepage	www.innoskart.digital/en
Address of department / unit / division (if applicable)	
Country (NUTS 0)	
Region (NUTS 2)	
NUTS 3	
Street, House number, Postal code, City	
B.1.3 Legal and financial information	
Type of partner	Business support organisation
Subtype of partner	
Legal status	Private
Sector of activity at NACE group level	S.94.99
Co-financing rate (%)	80
VAT number (if applicable)	HU14507098
Other identifier number (if VAT number is not	-

B.1.3 Legal and financial information	
available, some other organisation identifier should be used)	
Other identifier description (specification of the type of identifier)	-
PIC (from EC Participant Register), if available	950509306
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Ms Orsolya BESÉNE SZAPLONCZAY
B.1.5 Contact person	
Contact person	Ms Orsolya BESÉNE SZAPLONCZAY
Email	szaplenczay.orsolya@innoskart.hu
Telephone	+36209892298
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>Innoskart has been working as business support organization, cluster since 2006. It was also awarded with Digital Innovation Hub role in September 2021. The organization's mission it to support the actors of the regional ecosystem in order to reach a higher level of digitalization via technology and knowledge transfer into more traditional industries. Innoskart has cluster member companies, their number reaches 60, beginning of 2022, most of them are SMEs. Innoskart is also actor in the network of Hungarian clusters. Innoskart has been holding the Accredited Innovation Cluster label since 2016. Innoskart has been active partner in European projects since 2014. The team has experience as partner, Lead Partner, work package leader, co-lead, so all kind of different roles and responsibilities. Innoskart is implementing a sensitisation and business development program that is called "Evangelization of Digitalization". This covers participation in European and Territorial, SME and innovation support-type programmes, building knowledge and competence pool within and from our community, offering information about fundings to support innovation, offering cascade funding type support to SME, building consortia, organization of webinars, info days, communication and dissemination about cross-sectoral innovation actions and results achieved within our ecosystem. Seeking and supporting cross-sectoral cooperation has strategic importance for Innoskart. Bringing already existing and validated knowledge and technologies into fields which haven't taken them up yet is a thrilling challenge to Innoskart. This results in reaching new markets for SMEs and Innoskart Team enlarges its knowledge and competence about new technologies and their capabilities.</p>	
What is the role and involvement (contribution and main activities) of your organisation in the project?	
<p>Innoskart Digital Cluster has been a business support organization for 16 years. Within the project, it will form a tandem with PP10 - Szechenyi University (Győr, Hungary), which is a basic methodological</p>	

B.1.6 Partner motivation, expertise and contribution

element of the project. Innoskart will reach out to the SME community (in cooperation with LP, PP3, PP5 and PP7) with actions, where this is needed: communication, information, training, sensibilisation, events etc. It will also have an associated partner, Hungarian Mediklaszter, which will also have an outreach to important stakeholders from the MedTech ecosystem. Mediklaszter has good connections to relevant university actors and also policy makers.

Innoskart's special role will be to get knowledge about actual status of VR technology penetration into MedTech in its region, to find and inform and familiarize relevant ecosystem actors, mainly SME, about achievements and future possibilities of VR technology within medical education and training.

Innoskart will also be responsible for leading a well-structured and harmonized communication where communication activities are linked to thematic work packages' activities.

There is experienced staff within the organization to implement all the planned communication activities.

Innoskart will coordinate project communication activities. Innoskart will be responsible for set-up of target group communication and initial awareness raising campaign and will coordinate the presentation and dissemination of VReduMED training and open innovation toolkit through project website, social media and press releases. Innoskart will assist LP and other project partners to develop promotional materials (roll-up, posters, leaflets, participant invitations). Innoskart will ensure joint cooperation on regional awareness raising events for project target groups (nursing/care sector, SMEs, start-ups, educational sector). Innoskart will be in close cooperation with tandem project partner (PP10-SZE) as well as with other project partners.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

Innoskart has a dedicated communication manager within the project team, with university degree on communication and several years of experience on communication. The person is responsible for Innoskart Ltd.'s and the cluster's internal and external communication, for the website, webinar organization, update of Innoskart Magazine (blog) with regular appearances, SM and video content production. If the project gets granted, additional resources will be allocated to the task.

Innoskart is Lead Partner of DTP eDigiStars project, so has experience in general management of a project communication (beside others) with several good and bad lessons learnt.

B.1.7 Budget

Partner budget options	Percentage
Office and administration flat rate based on direct staff costs	15%
Travel and accommodation flat rate	8%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing			
Source		Amount	Percentage
ERDF		170,448.00	80.00 %
Partner contribution		42,612.00	20.00 %
Partner total eligible budget		213,060.00	100.00 %
Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
Innoskart	Private	42,612.00	20.00 %
Contribution			
Sub-total public contribution		0.00	0.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		42,612.00	20.00 %
Total eligible budget		42,612.00	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?		No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?		No	
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?		No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an		No	

B. Does the partner and/or any third party receive a selective advantage within the project?	
advantage through activities carried out by the partner within the project?	
C. State aid relevant activities (select from drop-down menu based on C.4 entries)	
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)	

B.1 Project partner 10

B.1.1 Partner Identity	
Partner number	10
Partner role	PP
Name of the organisation in original language	Széchenyi István Egyetem
Name of the organisation in English	Széchenyi István University
Abbreviated name of organisation	SZE
Department / unit / division	VR Learning Center
B.1.2 Partner main address	
Country (NUTS 0)	Magyarország (HU)
Region (NUTS 2)	Nyugat-Dunántúl (HU22)
NUTS 3	Győr-Moson-Sopron (HU221)
Street, House number, Postal code, City	Egyetem tér 1. 9026 Győr
Homepage	www.sze.hu
Address of department / unit / division (if applicable)	
Country (NUTS 0)	Magyarország (HU)
Region (NUTS 2)	Nyugat-Dunántúl (HU22)
NUTS 3	Győr-Moson-Sopron (HU221)
Street, House number, Postal code, City	Egyetem tér 1. 9026 Győr
B.1.3 Legal and financial information	
Type of partner	Higher education and research organisations
Subtype of partner	
Legal status	Public
Sector of activity at NACE group level	P.85.4
Co-financing rate (%)	80
VAT number (if applicable)	HU17782294

B.1.3 Legal and financial information	
Other identifier number (if VAT number is not available, some other organisation identifier should be used)	-
Other identifier description (specification of the type of identifier)	-
PIC (from EC Participant Register), if available	999879590
B.1.4 Legal Representative	
Legal representative (not applicable - not to be filled in)	Mr Bálint Filep
B.1.5 Contact person	
Contact person	Ms Anna Sudár
Email	annasudar@gmail.com
Telephone	+36306261349
B.1.6 Partner motivation, expertise and contribution	
<p>Please describe the organisation's thematic competences and experiences relevant for the project. Please also describe what is the main business of the organisation and if the organisation is normally performing economic activities on the market.</p>	
<p>The VR Learning Center, founded by the Széchenyi István University in Győr. The VR Learning Center involves professionals, Ph.D. students, and university students from several disciplines, such as IT, engineering, psychology, cognitive sciences.</p> <p>The work of VR Learning Center focuses on three basic issues:</p> <ol style="list-style-type: none"> the development of 3-dimensional VR spaces -based on MaxWhere desktop VR platform; research and development in the area of basic methodologies used for VR-based education; monitoring and assessment of the impact of VR-based workspaces on employees and specialists of companies and monitoring and assessment of the impact of VR-based digital education on students of the university and of secondary schools. <p>The Center focuses on profitable, market-based 3D VR development, training, and services. It provides 3D VR or Industry 4.0 solutions, training, and services to companies and other universities. To this end, it integrates all kinds of innovative IT solutions into the 3D virtual spaces. The developed 3D VR environments are also capable of providing users with a much higher level of comprehension when it comes to sharing and interpreting digital workflows.</p> <p>The end result is an effective and cost-efficient technological opportunity.</p>	
What is the role and involvement (contribution and main activities) of your organisation in the project?	
<p>SZE will provide an expertise in developing virtual spaces. This will be very helpful in the mapping phase (within WP1</p> <p>- mapping of existing competences, infrastructure and application in partner regions, collection of good</p>	

B.1.6 Partner motivation, expertise and contribution

practice case studies). SZE will give professional assistance to LP in activities focused on specification and programming of VR training tools (within WP2 - programming of interactive, multi-lingual online applications for transnational sessions for getting to know medical care environment). SZE will have a special role in configuration of VReduMED jointly developed laboratory space enabling virtual interactive cooperation and innovative networking of VR labs in different partner regions and portability of physical labs and will provide VR solution (2D web view) for project events.

Developing VReduMED virtual spaces:

1. 1 prototype of application used for getting to know medical environment. With 2 virtual spaces created by SZE team on the MaxWhere platform, the students, clients will be able to get familiar with predefined rooms of the medical environment. Besides these, with the help of our smartboards in the virtual space, they will be able to display useful training materials, educational materials, useful videos, websites connected to the room, and the devices placed in it.
2. SZE will provide a solution (1 VR space) for connecting the VR laboratories and the services with each other in one virtual space. This would be a space on the MaxWhere platform where every laboratory would have the opportunity to introduce themselves share useful information about them or even organize meetups with other labs.

In addition, SZE will undertake the visualization of these 3 virtual spaces in 2D which can be easily reached from a simple browser (like Google Chrome) called MaxWhere lite, a 2D page but extended with some 3D objects the structure of the page follows the structure of the virtual space and the materials can also be displayed here as well.

If you are the project lead partner, please describe here your organisation's capacity and experience in managing and coordinating EU co-financed projects or other international projects. If you are the project partner that will coordinate communication (i.e. taking over the role of project communication manager), please describe here what are your organisation's relevant communication competences and experiences.

B.1.7 Budget

Partner budget options	Percentage
Other costs Flat Rate	40%

The partner budgets overview table can be separately exported as an Excel file

B.1.8 Cofinancing

Source	Amount	Percentage
ERDF	148,160.00	80.00 %
Partner contribution	37,040.00	20.00 %
Partner total eligible budget	185,200.00	100.00 %

Origin of partner contribution			
Source of contribution	Legal status	Amount	% of total partner budget
SZE	Public	37,040.00	20.00 %
Contribution			
Sub-total public contribution		37,040.00	20.00 %
Sub-total automatic public contribution		0.00	0.00 %
Total		0.00	0.00 %
Total eligible budget		37,040.00	20.00 %
State Aid			
B.1.9 State Aid information (Partner self-check)			
A. Is the partner involved in economic activities within the project?			
1. Will the partner implement activities and/or offer goods/services for which a market exists?		No	
2. Are there activities/goods/services that could have been undertaken by an operator with the view of making profit (even if this is not the partner's intention)?		No	
B. Does the partner and/or any third party receive a selective advantage within the project?			
1. Does the partner gain any benefits (or is relieved of any costs) from the economic activities mentioned under section A, which it would not have received in the normal course of business, i.e. in the absence of funding granted through the project?		No	
2. Does any economic operator (e.g. SMEs) that is outside the partnership (i.e. not listed as partner in the application form) receive an advantage through activities carried out by the partner within the project?		No	
C. State aid relevant activities (select from drop-down menu based on C.4 entries)			
D. Direct State aid regime as in Subsidy Contract (to be filled in ONLY after project selection)			

B.2 Associated partners

Associated partner number	Status	Name of the organisation in original language	Associated to project partner
1	Active	Jihočeský kraj	JVTP
2	Active	Střední zdravotnická škola a Vyšší odborná škola zdravotnická, České Budějovice, Husova 3	JU
3	Active	Domov pro seniory Máj České Budějovice, p.o.	JU
4	Active	BioPark Regensburg GmbH	SPS e.V.
5	Active	MediKlaszter Nonprofit Kft.	Innoskart
6	Active	tech2b Inkubator GmbH	Biz-Up
7	Active	Berufsfachschule für Krankenpflege der Medizinischen Einrichtungen des Bezirks Oberpfalz	OTH Regensburg
8	Active	Berufsfachschule für Krankenpflege und Berufsfachschule für Kinderkrankenpflege Regensburg	OTH Regensburg
9	Active	Berufsfachschule für Krankenpflege am Caritas Krankenhaus St. Josef	OTH Regensburg
10	Active	Berufsfachschulen für Kranken- und Kinderkrankenpflege am Klinikum St. Marien Amberg	OTH Regensburg
11	Active	Virtual Medicine, s.r.o.	EUBA
12	Active	Slovenská marketingová asociácia	EUBA

Jihočeský kraj A01	
Partner number	LP1
Name of the organisation in original language	Jihočeský kraj
Name of the organisation in English	South Bohemia Regional Authority
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	U Zimního stadionu 1952/2 37001 České Budějovice

Jihočeský kraj A01	
Legal representative (not applicable - not to be filled in)	MUDr. Martin Kuba
Contact person	Ing. arch. Petr Hornát
Email	hornat@kraj-jihocesky.cz
Telephone	+420386720423
Partner role	Associated partner with policy making power. Founder of regional health and social care facilities. Founder and supporter of regional business support facilities. In cooperation with JVTP (project LP) responsible for Regional Innovation Strategy development and implementation.

Střední zdravotnická škola a Vyšší odborná škola zdravotnická, České Budějovice, Husova 3 A02	
Partner number	PP2
Name of the organisation in original language	Střední zdravotnická škola a Vyšší odborná škola zdravotnická, České Budějovice, Husova 3
Name of the organisation in English	Secondary Medical School and Higher Medical School, České Budějovice, Husova 3
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	Husova 3 371 06 České Budějovice
Legal representative (not applicable - not to be filled in)	PhDr. Karel Štix
Contact person	Mgr. Martin Mach
Email	mach@szsccb.cz
Telephone	+420775939864
Partner role	The partner has expertise in the field of healthcare and cooperates with a number of institutions in healthcare sector. It gradually incorporates virtual reality into its lessons and tries to focus on further development in this topic. The partner participates in the preparation of the study program Teacher of Specialized Subjects at University of South Bohemia (PP2).

Domov pro seniory Máj České Budějovice, p.o. A03	
Partner number	PP2
Name of the organisation in original language	Domov pro seniory Máj České Budějovice, p.o.
Name of the organisation in English	Home for elderly people Máj České Budějovice, p. o.
Country (NUTS 0)	Česko (CZ)
Region (NUTS 2)	Jihozápad (CZ03)
NUTS 3	Jihočeský kraj (CZ031)
Street, House number, Postal code, City	Větrná 731/13 370 05 České Budějovice
Legal representative (not applicable - not to be filled in)	Mgr., Ph.D. Petra Zimmelová
Contact person	Mgr., Ph.D. Petra Zimmelová
Email	p.zimmelova@ddmajcb.cz
Telephone	+420388902111
Partner role	The application partner cooperates in the verification and testing of created and innovated procedures using technologies directly in clinical environment. The partners' employees are trained in the technique of using various technologies in the provision of health and social care. They are interested in using VR / AR, so they will actively participate in joint workshops and open innovation activities.

BioPark Regensburg GmbH A04	
Partner number	PP7
Name of the organisation in original language	BioPark Regensburg GmbH
Name of the organisation in English	BioPark Regensburg
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Am BioPark 13 93053 Regensburg
Legal representative (not applicable - not to be filled in)	Dr. Thomas Diefenthal
Contact person	Dr. Ilja Hagen
Email	i.hagen@biopark-regensburg.de
Telephone	+49094192046-11
Partner role	<p>At the beginning of 2017 the BioPark Regensburg (https://www.biopark-regensburg.de/en/home.html) brought the new brand name "Healthcare Regensburg" to life to be able to do justice to the collective visibility of the health location in keeping with the wishes of all the stakeholders. In doing so the Bioregion Regensburg Cluster is being further developed and the content around the thematic field of healthcare economy is being expanded. Since the start of 2020 the is being funded for a total of three years by the Ministry of Economy, Development and Energy. The goal of the "Healthcare Regensburg Initiative" is to establish a regional network in the healthcare industry and thereby together with the network partners develop and put into action concrete measures and projects. These are thereby oriented by the broad thematic fields decided upon in the masterplan. Main focus: - network activities and knowledge transfer exchange of knowledge and know-how, spreading of information, networking and collaboration between companies and other institutions of the Healthcare Regensburg Initiative - digitalization of healthcare - aging society and demographic change - securing specialty staff and training and further education SPS is already</p>

BioPark Regensburg GmbH A04	
	<p>cooperating closely with the BioPark Regensburg GmbH and the Regensburg Health Care Initiative in a cross-cluster project. The Health Care Cluster supports the project and the German partners especially in communicating the project results to the appropriate target groups.</p>

MediKlaszter Nonprofit Kft. A05	
Partner number	PP9
Name of the organisation in original language	MediKlaszter Nonprofit Kft.
Name of the organisation in English	MediCluster Nonprofit Ltd.
Country (NUTS 0)	Magyarország (HU)
Region (NUTS 2)	Budapest (HU11)
NUTS 3	Budapest (HU110)
Street, House number, Postal code, City	Illatos út 9 1097 Budapest
Legal representative (not applicable - not to be filled in)	Mr Zsolt TÓTH
Contact person	Mr Zsolt TÓTH
Email	info@mediklaszter.hu
Telephone	+36209241222
Partner role	<p>MediKlaszter is an Innovation Cluster accredited by the Ministry of Finance, the professional representative of the Hungarian medical technology industry - a predominantly Hungarian-owned, export-proof, traditional yet high-tech and innovative sector - , and the voluntary association of 60 – mostly small and medium-sized - undertakings of the industry and 6 universities. The legal representative of the Cluster is MediKlaszter Nonprofit Ltd., owned by the Foundation for the Hungarian Medical Technology Industry. The board of trustees of the owner's foundation, which supervises the work, consists of the managers of the key member companies, hospital directors, heads of universities, in other words, the prominent persons of the Hungarian healthcare industry. Therefore, MediKlaszter can promote the project's key sector-related objectives as efficiently and effectively as possible, as they are fully in line with the objectives set by MediKlaszter, including the aim to represent the 100-year-old Hungarian medical technology industry, to increase its market competitiveness, to develop the innovation environment of the healthcare industry while building a professional network. The core strategic cooperating partner of MediKlaszter is</p>

MediKlaszter Nonprofit Kft. A05	
	<p>Semmelweis University, which – in addition to its educational and research activity – is also one of Hungary’s largest medical institutions: the clinics and the institutes which also provide healthcare services deal with approximately two and a half million cases annually. The University established the Clinical Centre in connection with the medical and health science training in order to continuously maintain the security of patient care, to organise and continuously ensure a healthcare service which fulfils the conditions of high-quality and highly progressive health care; this institution carries out the training of a large number of healthcare professionals, in which activity MediKlaszter also takes part as a professional partner.</p>

tech2b Inkubator GmbH AO6	
Partner number	PP3
Name of the organisation in original language	tech2b Inkubator GmbH
Name of the organisation in English	Tech2b Incubator
Country (NUTS 0)	Österreich (AT)
Region (NUTS 2)	Oberösterreich (AT31)
NUTS 3	Linz-Wels (AT312)
Street, House number, Postal code, City	Hafenstraße 47-51 4020 Linz
Legal representative (not applicable - not to be filled in)	Mag. Raphael Friedl
Contact person	Mag. Raphael Friedl
Email	raphael.friedl@tech2b.at
Telephone	+43-676-5555102
Partner role	Tech2b Incubator GmbH is a start-up center as part of the AplusB scale-up program of the Austrian Federal Government. The object and purpose of the company is: - the support and promotion of research and technology-intensive start-ups in accordance with the initiatives of the Austrian Federal Government and respective programs at national and international level. - the establishment and management of one or more centers to support and promote research and technology-intensive start-ups, preferably of the academic field - the provision of respective services - the organization of relevant information and educational events and the collection, sharing and distribution of scientific information - participation in research and development projects - the promotion of university projects - the promotion of knowledge transfer to and from scientific institutions - support and exploitation of research and development results in the form of spin-offs - the support of further technology transfer measure Christina Kopler - project manager of tech2b - is conducting consulting and the support and coaching of start-up teams with a clear focus on tech2b MedTech-Incubator (in cooperation with the Medical

tech2b Inkubator GmbH A06	
	Technology Cluster of Business Upper Austria- OÖ Wirtschaftsagentur GmbH.

Berufsfachschule für Krankenpflege der Medizinischen Einrichtungen des Bezirks Oberpfalz A07	
Partner number	PP8
Name of the organisation in original language	Berufsfachschule für Krankenpflege der Medizinischen Einrichtungen des Bezirks Oberpfalz
Name of the organisation in English	Nursing School of the medical facilities of the Upper Palatinate district
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Universitätsstraße 84 93053 Regensburg
Legal representative (not applicable - not to be filled in)	
Contact person	Ms Christine Denk
Email	Christine.Denk@medbo.de
Telephone	09419411650
Partner role	As a regional nursing school, the associated partner provides an opportunity to assess needs of VR training in nursing education. Furthermore, the associated partner agreed to participate in the evaluation of VR trainings developed in the project.

Berufsfachschule für Krankenpflege und Berufsfachschule für Kinderkrankenpflege Regensburg A08	
Partner number	PP8
Name of the organisation in original language	Berufsfachschule für Krankenpflege und Berufsfachschule für Kinderkrankenpflege Regensburg
Name of the organisation in English	Nursing School and Pediatric Nursing School at Barmherzige Brüder Regensburg Hospital
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Prüfeningerstraße 86 93049 Regensburg
Legal representative (not applicable - not to be filled in)	
Contact person	Ms. Marion Laupenmühlen-Schemm
Email	Marion.Laupenmuehlen-Schemm@barmherzige-regensburg.de
Telephone	09413691701
Partner role	As a regional nursing school, the associated partner provides an opportunity to assess needs of VR training in nursing education. Furthermore, the associated partner agreed to participate in the evaluation of VR trainings developed in the project.

Berufsfachschule für Krankenpflege am Caritas Krankenhaus St. Josef A09	
Partner number	PP8
Name of the organisation in original language	Berufsfachschule für Krankenpflege am Caritas Krankenhaus St. Josef
Name of the organisation in English	Nursing School at Caritas Hospital St. Josef
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Landshuterstraße 65 93053 Regensburg
Legal representative (not applicable - not to be filled in)	
Contact person	Mr Felix Schappler
Email	fschappler@pflegecampus-regensburg.de
Telephone	09417824000
Partner role	As a regional nursing school, the associated partner provides an opportunity to assess needs of VR training in nursing education. Furthermore, the associated partner agreed to participate in the evaluation of VR trainings developed in the project.

Berufsfachschulen für Kranken- und Kinderkrankenpflege am Klinikum St. Marien Amberg AO10	
Partner number	PP8
Name of the organisation in original language	Berufsfachschulen für Kranken- und Kinderkrankenpflege am Klinikum St. Marien Amberg
Name of the organisation in English	Nursing School and Pediatric Nursing School at St. Marien Hospital in Amberg
Country (NUTS 0)	Deutschland (DE)
Region (NUTS 2)	Oberpfalz (DE23)
NUTS 3	Regensburg, Kreisfreie Stadt (DE232)
Street, House number, Postal code, City	Wiltmaisterstraße 10 92224 Amberg
Legal representative (not applicable - not to be filled in)	
Contact person	Ms Karin Meixner
Email	meixner.karin@klinikum-amberg.de
Telephone	09621381491
Partner role	As a regional nursing school, the associated partner provides an opportunity to assess needs of VR training in nursing education. Furthermore, the associated partner agreed to participate in the evaluation of VR trainings developed in the project.

Virtual Medicine, s.r.o. AO11	
Partner number	PP5
Name of the organisation in original language	Virtual Medicine, s.r.o.
Name of the organisation in English	Virtual Medicine
Country (NUTS 0)	Slovensko (SK)
Region (NUTS 2)	Bratislavský kraj (SK01)
NUTS 3	Bratislavský kraj (SK010)
Street, House number, Postal code, City	Digital Park II, Einsteinova 25 851 01 Bratislava
Legal representative (not applicable - not to be filled in)	
Contact person	Mr Tomáš Brngál
Email	info@medicinevirtual.com
Telephone	+421904326941
Partner role	<p>Virtual Medicine is a startup that aims to innovate the study of medicine using VR / AR technology. In the VReduMED project they are willing to share experiences and provide valuable feedback to improve the VR solution of the project. Based on the initial analyses which will be prepared by the project partnership (in work package 1) to assess the potential and existing challenges regarding the implementation of VR solutions in the healthcare industry, Virtual medicine as associated partner will provide contributions to the project activities for preparing the VReduMED toolkit (work package 2) and if possible, attend the planned pilot action and share knowledge and experience with the attendees. Exemplary ASP support activities may include inputs related to the following strategic topics of project implementation:</p> <ul style="list-style-type: none"> • Giving feedback regarding the needs of the regional SMEs • Providing inspiration and ideas for the definition of regional actions to foster the uptake of VR technologies and solution by the regional bodies, healthcare subjects, schools and universities and companies as an input for the regional action plans that will be developed by the project consortium • Participating in the discussion of a wider range of policy recommendation for

Virtual Medicine, s.r.o. A011	
	<p>boosting the uptake of VR solutions in the Central European macro-region • Supporting the project partnership to access SMEs from the ASP's network for involving them in a cooperation with the project target groups The University of Economics in Bratislava, who invited this ASP, will maintain continuous contact with ASP to provide information about the project activities and results and obtain feedback on strategic issues as mentioned above.</p>

Slovenská marketingová asociácia A012	
Partner number	PP5
Name of the organisation in original language	Slovenská marketingová asociácia
Name of the organisation in English	Slovak Marketing Association
Country (NUTS 0)	Slovensko (SK)
Region (NUTS 2)	Východné Slovensko (SK04)
NUTS 3	Prešovský kraj (SK041)
Street, House number, Postal code, City	Hviezdoslavova 7 08001 Prešov
Legal representative (not applicable - not to be filled in)	
Contact person	Ms Lucia Čakanová
Email	slovakmarketing@gmail.com
Telephone	+421911242307
Partner role	<p>SMA is an association whose members are experienced entrepreneurs from the production and distribution environment, and which also has a close connection to the academic community and are cooperating closely with regions throughout the Slovak Republic, both in the preparation and implementation of comprehensive marketing solutions. They are also involved in several research projects at different levels. Exemplary ASP support activities may include inputs related to the following strategic topics of project implementation:</p> <ul style="list-style-type: none"> • Giving feedback regarding the needs of the regional SMEs • Providing inspiration and ideas for the definition of regional actions to foster the uptake of VR technologies and solution by the regional bodies, healthcare subjects, schools and universities and companies as an input for the regional action plans that will be developed by the project consortium • Participating in the discussion of a wider range of policy recommendation for boosting the uptake of VR solutions in the Central European macro-region • Supporting the project partnership to access SMEs from the ASP's network for involving them in a cooperation with the project target groups • Supporting project communication activities,

Slovenská marketingová asociácia A012	
	<p>cooperate in target groups involvement (medical sector, SME sector, educational institutions. The University of Economics in Bratislava, who invited this ASP, will maintain continuous contact with ASP to provide information about the project activities and results and obtain feedback on strategic issues as mentioned above.</p>

C - Project description

C.1 Project overall objective

Programme priority specific objective (as selected in section A.1.).

S01.2: Strengthening skills for smart specialisation, industrial transition and entrepreneurship in central Europe

Project overall objective

Please define the overall objective of the project.

- Make sure that it clearly contributes to the selected programme specific objective.
- The overall objective should provide the general context for what your project aims to achieve.
- It should describe the broader goal of the project for the benefit of its target group(s) and should point to the results (change) to be achieved by the project.

The aim of VReduMED is to improve the cooperation betw. HEALTHCARE EDUCATION and MEDTECH SUPPLIERS, particularly SMEs/start-ups, using VIRTUAL REALITY AS KEY ENABLER to

- enrich the education of care students and the upskilling of care practitioners,
- foster the uptake of MedTech assistance systems by the care sector,
- trigger the co-creative development of demand-tailored MedTech solutions

to make care work more attractive and ensure high-quality care services in the future.

C.2 Project relevance and context

C.2.1 What are the territorial challenge(s) that will be tackled by your project?

Please describe which specific challenges and needs are addressed by your project and why they are relevant for the overall programme area, (please refer to chapter 1 and 2 of the Interreg CENTRAL EUROPE Programme document).

The delivery and maintenance of care and nursing services is a main concern of all Central European societies. A number of coinciding territorial challenges puts the topic of ensuring qualitative care services on the top list of the strategic challenges to be tackled in all countries of the macro-region, such as the ageing of regional societies, the permanent lack of skilled staff in care-giving professions, the brain-drain and cross-regional migration of people working in the care sector which results in a disbalance of care service levels between rural and urban regions. The future provision of qualitative care to the growing number of clients in an ageing society is an urgent issue across Central Europe and the challenges for preparing and upskilling of qualified care staff are similar at the transnational level:

- To make care professions attractive as a field of education for young people and as a topic for further training and retraining
- To ensure reasonable working conditions and retain qualified staff in the care sector through a forward-looking training of care students as well as the continuous training staff working in care professions and retraining of low-skilled care-givers
- To introduce innovative approaches that allow for providing high quality care to the respective client groups while increasing the efficiency of the healthcare system at the same time

In response to these challenges and powered by the upcoming opportunities for digitalized innovation in the MedTech sector, a growing number of innovative solutions, e.g. various assistance systems based on IoT solutions, has been developed by specialised research-driven companies and institutes in the last years. Moreover, as a consequence of the recent Cov-19 pandemic, numerous innovative SMEs have tried to access the healthcare market with their innovative products and service offers. In the meantime, it has become evident that most of these attempts collapsed and the innovation capacities involved in these business plans got lost. The uptake and practical introduction of MedTech solutions in the care sector, both in medical centers and in home care, lags behind for several reasons:

- On part of the (potential) MedTech suppliers there exists often a basic misunderstanding of the primacy of the human-centred approach in the care professions. Mostly this concerns new-comer SMEs which are mainly focussed on the technological innovation of their products.
- From the demand-side perspective, care professionals are often reluctant to accept the available technical equipment and assistance systems as it is not adapted to the real demand of their real working environment.
- In the end, this leads to a mutual criticism of both actor groups regarding the mismatch of capabilities and misunderstanding of the practical needs and benefits.

To overcome this situation and allow for a new form of collaboration between the MedTech sector and the care professions for the benefit of care staff and their client groups, the VReduMED project will implement a highly innovative approach by introducing

**VIRTUAL REALITY as the KEY ENABLER for HUMAN-CENTRED MEDTECH INNOVATION
in the EDUCATION FOR CARE PROFESSIONS**

Within VReduMED, educational experts from regional care science institutions will develop innovative training modules in close collaboration with MedTech companies to improve the viability of MedTech applications for the practical work of care professionals. The knowledge and experience gained through the cooperation of both stakeholder groups in open innovation settings will directly feed into innovative educational concepts and training modules for care students. Therefore, usability testing, trainings and the co-creation of innovative MedTech solutions for the care practice in sustainable stakeholder cooperation are in the focus of VReduMED.

In the long-term perspective, the VReduMED educational VR tools can help increase the attractiveness of the care sector as a future-oriented and innovative field of education and work. They open a new business field for innovative SMEs developing educational products and services for the health care sector. Finally, the project will help improve the transnational cooperation between regional care sector experts and Central European MedTech suppliers – for the upskilling of care professionals, for increasing the attractiveness of the healthcare sector for qualified workers, and finally, for the benefit of their clients.

C.2.2 How does the project tackle identified challenges and needs and what is new about the approach of your project?

Please describe the project approach chosen to address the challenges and needs described above. Please also explain how the approach goes beyond existing practice in the sector/programme area /participating countries demonstrating the innovativeness of the approach.

The VReduMED approach is designed to address and integrate the different perspectives and innovation demand of the two main project target groups before bringing them in direct interaction to develop tailored VR solutions for healthcare education and for the introduction of MedTech systems in the healthcare sector. These main project target groups are: 1) institutions for care education and their students and the participants of upskilling programmes for care professionals, and 2) companies that offer MedTech products and services for the care sector as well as SMEs and start-ups that consider accessing the healthcare market with their innovative solutions.

Virtual Reality (VR) per se is to a large extent unknown as a professional tool and innovative for both target groups in this context. Based on the learnings from the ongoing AT-CZ Interreg project VReduNET (to be finalised until the end of 2022) which examines the use of VR applications in the educational sector, the VReduMED consortium will guide the addressed project target groups through the first steps of using VR applications as a main inspiration for further project involvement.

As a foundation for further project activities, a desk research analysis and a survey with key stakeholders from all parts of the project region will be carried out to gain a full picture of the target groups needs, deficits and expectations towards VR. For the beginning, VReduMED will start addressing each of the target groups in separate activities to raise their awareness and build up their capacities regarding the potential of VR applications as a tool for training care professionals and developing tailored MedTech solutions for the care sector. This will be the basis for the following target group interaction.

Thanks to the participation of cluster organisations from several partner regions (AT, DE, HU) a direct access to wide company networks is provided, including specialised and well established MedTech suppliers as well as such SMEs that are currently trying to extend their business to the healthcare sector. In open innovation activities (using personas/design-thinking methods) these SMEs will initially work on demand-oriented solutions for the needs of healthcare and care education on their own, and cooperate with the care education experts later on. The cluster networks will further be involved in the development of a roadmap addressing the integration of VR applications in the

MedTech products and services for the care sector. This will be the basis for further matchmaking of interested SMEs in collaborative innovation projects to develop sustainable VR solutions for the care sector at the regional and transnational level – see WP1.

In parallel, to voice the perspective of the lecturers, teachers and trainers in care education at the transnational level, the consortium will establish the so called “care education forum” as a platform of exchange and cooperation of the addressed healthcare education experts that will be invited 1) to develop their own ideas for the use of VR in teaching, 2) to evaluate the different trainings, demonstrations, usability tests, etc. that will be implemented in the pilot phase, and 3) to elaborate an aggregated presentation of the VReduMED toolkits and its usability for healthcare education purposes including a final recommendation for the transfer of these project results to the regional /national educational systems of the project regions – see WP2.

As the final interactive part of project implementation, the partnership will organise a series of pilot actions that will include a variety of VR demonstrations in different settings to show the wide applicability of VR in care education and for the development of innovative healthcare solutions. The planned pilot actions include usability tests with students and practitioners, various training formats, co-creative innovation workshops, transnational VR sessions, as well as a summer school and a hackathon on care challenges defined by the partnership. To ensure the sustainability of the piloted measures, the consortium will closely cooperate with existing VR labs at different project partner facilities (CZ, HU) and set up an additional usability testing and training VR lab in Germany at a higher education institution with a healthcare focus (DE) – see WP3.

The project communication and dissemination concept will be perfectly aligned with the project implementation along the three outlined workpackages, focussing on inspiration and awareness raising in the beginning and the involvement of stakeholders and dissemination of the piloting experience in later project phases.

C.2.3 Why is transnational cooperation needed to achieve the project objectives and results?

Please explain why the project objectives cannot be efficiently reached acting only on a national/regional /local level and describe what is the added value for the partnership and the project area in taking a transnational cooperation approach.

Although the challenges of future care systems are similar across Central Europe as described in C. 2.1, the situation of the VReduMED project region is specific as the participating partner regions are located close to each other which leads to a high transnational mobility of the available care staff of different qualification level while the regional healthcare systems face permanent challenges in maintaining a qualitative healthcare system due to the general lack and the geographical disbalance of professional work force in this sector. Innovative solutions and advanced education approaches that can help increase the systemic efficiency in the functional territorial unit of these neighbouring countries are urgently needed.

The uptake of advanced digitalized MedTech solutions using VR applications would position the VReduMED project region in a frontrunner position among the Central European countries. However, the set of competences needed to reach this position is complex and cannot be provided by one of the partner countries alone. At the partnership level, the complexity of the handled topic and the need for cooperation is reflected in the tandem partner approach which involves two organisations with different profiles from each partner region. Complementary competences are provided by the partners from other partner regions. For this reason, transnational cooperation is mandatory.

Also, the demonstration approach of WP3 relies on intensive transnational cooperation at the consortium level. The partnership decided to define a variety of complementary pilot actions covering different sub-topics related to the application of different VR tools in different parts of the project region. Lab facilities in different partner regions will be accessible for different piloting activities to all project partners. In order to maximize the learning potential, this approach will require an intensive transnational exchange of learnings and piloting results among the project partners to exchange the knowledge and experience gained across the project regions.

C.2.4 Who will benefit from your project outputs and results?

Please select the target groups from the drop-down list, which are relevant for your project. For each of them please provide a more detailed specification and explain how they will benefit from your project outputs and results. Please ensure consistency with the target groups defined in the work plan (section C4).

Target group	Specification
Higher education and research organisations	educational institutions involved in the training of care professionals and medical staff in a wider sense, general economics and healthcare economics institutes
Education/training center and school	upskilling institutes in the field of care education and upskilling of medical staff in a wider sense, secondary educational institutions preparing their students for choosing their future professions
SME	MedTech companies, mostly SMEs, many of them participating in regional cluster networks SMEs and innovative start-ups with VR competences, SMEs that provide training services for the care sector, companies that manage the staffing of care institutions or provide home care services
Business support organisation	Regional business support and innovation agencies of the partner regions and other interested regional institutional ecosystems
Sectoral agency	cluster agencies, associations of medical/care institutions, associations of care professionals
Hospitals and medical centres	Medical centres, hospitals and similar healthcare institutions that employ care staff
General public	Associations of senior citizens, many families that need care staff support for family members, young people in search for a field of professional education, medical and care students, VR enthusiasts, students and experts of computer sciences active in the development of VR applications, etc.
Regional public authority	Regional as well as national public authorities in the field of healthcare policy, regional authorities involved in the development of smart specialisation strategies and other regional development strategies
National public authority	Regional as well as national public authorities in the field of healthcare policy

C.2.5 How does the project contribute to wider strategies and policies?

Please indicate to which strategies and policies your project will contribute and briefly describe in what way.

Strategy	Contribution
EU Strategy for the Danube Region Strategy	The addressed topic of the provision of qualitative care services and of innovation to make the care profession more attractive and practical work more effective is also a big challenge in the Danube macro-region which is interlinked with Central Europe through a strong migration of care professionals. VR tools for care education can help increase the qualification level and the training options in the Danube countries.
European Green Deal Strategy	VR applications in the care sector offer a possibility for resource-efficient ubiquitous training and can help creating socially sustainable, technologically enhanced jobs across Europe.
Territorial Agenda 2030 Strategy	The challenges addressed by VReduMed and the solution of integrating VR in care education can help offer high quality education for care-givers in rural areas, thereby reducing the qualification and innovation gaps between metropolitan and rural regions and creating opportunities for skilled work in care and innovative jobs in VR development.
Other Strategy	VReduMED mainly contributes to the UN Sustainable Development Goals SDG3 good health and wellbeing, SDG4 quality education, SDG8 decent work and economic growth.
Other Strategy	The results of VReduMED will contribute to the ongoing strategy process in relation to a forthcoming EU care strategy

C.2.6 How will your project make use of synergies with EU and other projects or initiatives?

Project or initiative (including funding instrument, if applicable)	Synergies foreseen
SIP-SME (Interreg AT-CZ)	JVTP as a project partner developed the tool which helps with introduction of innovations into SMEs and their implementation into daily business processes. This tool could serve as a base for introducing VR/AR technology into organizational practice.
ENTER-transfer (Interreg CENTRAL EUROPE)	Advancement of the economic and social innovation through the creation of the environment enabling business succession at national and transnational level and draw attention of public and private entities to this issue. Built on the partnership developed within the project further cooperation on technology transfer into business sector and public sector is continuously maintained (EUBA, Biz-Up, JVTP). Experience with leading Interreg CE project (EUBA) and leading particular project work packages (Biz-Up) as well as fulfilling project activities, events and communication tasks (EUBA, Biz-Up, JVTP) will be capitalized in VReduMED project.
VReduNet (Interreg AT-CZ)	Ongoing project led by JVTP in partnership with JU, Biz-Up and Edugroup was the basis for new project idea: VReduMED. In cooperation with MedTech Cluster from Biz-Up and Faculty of Health and Social Sciences from JU (beyond the original project consortium) is bringing a new aim - to transfer the knowledge to other sectors (medicine) and other EU region / countries by strengthening original project partnership with new partners with new professional competencies.
AI Social Lab (Interreg AT-CZ)	Ongoing project with JVTP participating on development methodology, programmes and physical environment for introducing other advanced technology: Artificial Intelligence. Gradual introduction of specific new technologies and trends supporting by community of experts, jointly developed methodology, set of programmes and physical laboratories for technology testing makes comprehensive environment which support innovations, technology transfer, readiness for digitization and support the competitiveness of EU region / countries.

C.2.7 How does your project build on available knowledge?

Please describe the experiences/lessons learned that your project draws on, and other available knowledge your project capitalises on. If relevant, please specify the projects to be capitalised and which project partner(s) have been involved.

All project partners build on long-term involvement in innovation projects on relevant topics acc. to the competences and activity fields of their organisations. A main inspiration for the VReduMED project comes from the VReduNET project (Virtual Reality for Education Network) funded under Interreg V-A ATCZ (Interreg ATCZ256).

C.3 Project partnership

What is the rationale of the partnership composition and how are partners complementary to each other? Please describe the structure of your partnership and why the involved partners are needed to implement the project and to achieve the project objectives.

The VReduMED partnership consists of 10 partner organisations from 5 Central European countries - CZ, SK, AT, HU, DE. The project region was defined to reflect the care situation as well as the joint challenges in the education of care professionals in the neighbouring Central European project regions.

To reflect the complexity and different competences needed to implement the project workplan and deliver high-quality project results partners were chosen with regard to their institutional competences and thematic background.

The project partners will implement the project based on their complementary competences and skills:

The lead partner JVTP / represents a regional technology park and start-up center. JVTP is also participating in the the VReduNET project (Interreg AT-CZ) which will be capitalised by VReduMED.

PP2/CZ, PP5/SK and PP8/DE will contribute their expertise as academic and higher education partner in relevant fields of knowledge. Based on this background, PP5 / EUBA will act as the leader of WP1.

PP4/ AT brings in its competences as a specialised institution at the interface of education, research and innovation and will lead WP2 based on these competences.

PP8/DE and PP6/SK represent the educational expertise in the medical care sector and will contribute their knowledge to the development of VR-tools for care education and to the development and assessment of pilot actions. In this context, PP8 / OTH will lead WP3.

PP3, PP9 and PP10, in their role as regional clusters and business innovation agencies, will contribute their network access to SMEs in the MedTech sector.

The three project partners LP JVTP, PP10 SZR and PP8 OTH will establish the lab facilities needed for the VReduMED lab demonstration and pilot actions.

Former involvement in European projects as well as existing cooperation links between the partners will ensure a smoothly project implementation and the high quality and practice relevance of the project results.

C.4 Project work plan

WP number	Work package name
WP1	From vision via roadmap to action: VR as key enabler for MedTech innovation in the care sector
WP2	The perspective of care education: Development of the VReduMED toolkit
WP3	The reality check for VR in care education: Demonstrating the VReduMED approach in pilot actions

C.4.1 Work package 1

Workpackage number

WP1

Work package title

From vision via roadmap to action: VR as key enabler for MedTech innovation in the care sector

Objectives

Please define one project specific objective that will be achieved by your project through the implementation of the work package. The specific objective should be:

- realistically achievable during the project lifetime;
- specific;
- be verifiable and measurable.

Project specific objective

WP1 will prepare the strategic basis to enable MedTech companies/newcomer SMEs for developing VR-based innovative solutions tailored to the demand of care education/professionals and kick off collaboration among SMEs / betw. MedTech and care experts

In addition, please define one or more communication objective(s) that will contribute to the achievement of the specific objective and include reference to the relevant target group(s). Communication objectives aim at changes in a target audience's awareness and behaviour.

Communication objective(s) and target audience

After setting up the complete project communication/dissemination strategy and communication channels used by VReduMED, the communication team puts the WP1 focus on

- awareness raising of the all project target groups (SMEs, care education, VR-experts) and the general public about the project goals and planned activities
- inspiration of the targeted MedTech companies and newcomer SMEs/start-ups about the potential of VR in the care sector
- dissemination of WP1 analyses and mapping results

Activities

Please describe the activities foreseen in order to achieve the above project specific objective and related communication objective(s) considering also the involvement of the relevant target groups as identified in section C2.4.

Activity 1.1	
Title	Mapping of competences and resources in the project region
Start period	Period 1, 1 - 6
End period	Period 2, 7 - 12
Description	The initial mapping activities describe the status quo of relevant competences of research institutions and in the company sector as well as the existing VR infrastructure in the project region. Partly, the analysis will capitalize results of the Interreg AT-CZ project VReduNET adding further inputs about other partner regions. All partners will compile a collection of practice cases as reference examples. The mapping results will lay the ground for the following project activities and will be used as an input in awareness raising activities and in the project communication.

Deliverables 1.1			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.1.1.1	Map in existing MedTech systems and solutions for care sector, VR infrastructure and applications	Basic analysis of competences and available solutions for care staff in the partner regions, mapping capitalizes former research done by AT-CZ VReduNet project adding info from other regions. Coordinated by PP2, all partners contribute. Discussion of mapping results at partner meeting SC1 (period 1).	Period 1, 1 - 6
D.1.1.2	Collection of good practice cases	Partial capitalization of VReduNET (AT-CZ). All partners are responsible to identify good practice cases of VR applications in the wider healthcare sector for further analysis and awareness raising activities. Task lead will prepare a factsheet template to coordinate partners' contributions.	Period 2, 7 - 12

Activity 1.2	
Title	Set up of target group communication and initial awareness raising campaign

Activity 1.2	
Start period	Period 1, 1 - 6
End period	Period 2, 7 - 12
Description	<p>Along with the implementation of WP1 in period 1, the communication team will prepare the comm /diss strategy and implementation plan for the project and the main project comm channels (website, social media, partners' homepages, basic promotional tools like roll-ups, posters, etc.). On this basis, the partnership will immediately start an initial awareness raising campaign to inform about the project and inspire all project target groups (MedTech companies and clusters, care education system and care professionals, new-comer SMEs and start-ups with VR competences, general public) about the innovation potential of VR applications in care education and practice. Thanks to the existing partner labs in HU and CZ and through capitalization of results of the VReduNET project (Interreg AT-CZ) demonstration clips and pilot examples of VR applications will be available from the start and used on the project website and social media to attract target audiences.</p>

Deliverables 1.2			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.1.2.1	Start-up activities of project communication	In period 1, the communication coordinator Innoskart will prepare the project communication and dissemination strategy and impl. plan with partner responsibilities and set up all comm channels. The partnership will immediately start comm activities on the transnat. project level/in partner regions.	Period 1 , 1 - 6
D.1.2.2	Basic promotional tools, awareness raising campaign to spread VR inspiration to target groups	<p>The initial awareness raising campaign at partner meeting SC1 with 3 goals:</p> <ul style="list-style-type: none"> - inspiring project target groups about VR in care education (VReduNet experience), - raise the awareness of MedTech companies about the potential of VR solutions for care sector, - inform general public about the project. 	Period 2 , 7 - 12

Activity 1.3	
Title	Investigating the expectation in VR and related needs of the project target groups
Start period	Period 1, 1 - 6
End period	Period 2, 7 - 12
Description	<p>This activity aims to prepare the ground for further project work by investigating the needs of the key target groups in all parts of project region and their expectations regarding VR applications in care education and in the practice of care professionals. For this purpose, the partnership will conduct an initial transnational survey with key actors of care education, MedTech companies and SMEs interested in this sector as well as SMEs/start-ups with VR competence. On this basis a transnational comparative analysis will be prepared by the activity leader EUBA which will be discussed at consortium level in a partner meeting (SC2, autumn 2023). Comparative analysis will include analysis of relevant strategic framework conditions connected to the topic, this part will be fully methodologically supported by PP3 BizUp and other project partners reflecting their national policies. Based on this preparatory activities, each partner region will organize a round table meeting with regional key actors and representatives of care institutions to present the VReduMED project approach and discuss the situation in care system and potential for make care professions more attractive through innovation and target actor collaboration</p>

Deliverables 1.3			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.1.3.1	Initial survey of key actors from edu, medtech and SMEs , comparative analysis, framework conditions	Task leader PP5 provides partners with questionnaire guide for interviews with regional key actors from care education, MedTech and SME/start-ups with VR competence. Focus on the potential of VR in care sector. All PPs conduct interviews covering target groups, PP5 complete and compare results.	Period 2 , 7 - 12

Deliverables 1.3			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.1.3.2	Regional round tables involving key stakeholders	Following the joint analysis of the transnational key stakeholder survey, each partner region will organize at least one round table event, with actors of the relevant target groups and representatives of regional care institutions to discuss the situation of care education and the project approach.	Period 2 , 7 - 12

Activity 1.4	
Title	Developing a roadmap for for VR-related MedTech innovation and transnational recommendations for cluster policies
Start period	Period 2, 7 - 12
End period	Period 6, 31 - 36
Description	Coordinated by activity leader Biz-Up, the roadmapping process will be implemented as a cross-cutting activity along project implementation, with a focus on the innovation potential related to the integration of VR applications in the MedTech products/services for the care sector. The activity will be mainly coordinated by the PPs that represent regional clusters/company networks. They will involve their network companies in open innovation sessions and joint workshops with care experts to come up with ideas for collaborative projects and innovative solutions to be developed in sustainable cooperation between the MedTech companies, VR experts and the target users from the care sector. In SC4 and SC5, Biz-Up will facilitate workshops at consortium level to define transnational innovation projects for future cooperation. List of the projects will be included in sustainability plan developed at the end of the project. For the transfer of VReduMED results to wider SME networks in Central Europe, the consortium will develop transnational recommendations for cluster policies.

Deliverables 1.4			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.1.4.1	VR knowledge transfer/open innovation sessions involving the MedTech clusters and IT developers	To motivate target SMEs each partner region implements basic VR trainings and workshops for target SMEs to brainstorm VR-based ideas, incl. collaborative workshops to get MedTech companies in direct interaction with health care teachers / practitioners - at least 2 workshop per region.	Period 3 , 13 - 18
D.1.4.2	Roadmap for the integration of VR in MedTech products/services incl. cluster policy recommendations	Activity leader Biz-Up coordinates a two-stage roadmapping process. Partner regions will obtain inputs from regional SMEs which will be aggregated at transnat. level by Biz-Up. Finalization of the roadmap and transnat. recommendations for cluster policies in partner meeting SC4 (autumn 2024)	Period 4 , 19 - 24
D.1.4.3	EEN matchmaking event at transnat. /EU level, list of further projects, sustainability plan	To reach wider audiences and transfer innovation ideas to EU-wide innovation networks, project partners and regional stakeholders will participate at least 1 EEN matchmaking transnat. event. Potential for further transnational collaboration will be identify -> list of projects, sustainability plan.	Period 6 , 31 - 36

Outputs

Please define the outputs which will be realised through the activities foreseen in this work package and link them to the related programme output indicators.

Output number 1.1	
Output title	Roadmap for the integration of VR in MedTech products/services incl. cluster policy recommendations
Programme output indicator	RCO83_1.2: Strategies and action plans jointly developed
Measurement unit	strategy/action plan
Output target value	1.00
Delivery period	Period 4, 19 - 24
Output description	The roadmap will be based on the results of in innovation workshops with regional target SME networks. These inputs will be aggregated transnationally in a strategy roadmap how to use the VR potential in innovative MedTech solutions for

Output number 1.1	
	care (education) sector. Task leader Biz-Up will initiate the development of collaborative innovation projects in the partner meetings SC4/SC5 and during the pilot actions. Recommendations for cluster policies will ensure a wide transfer to SME networks in CE.

Investments

C.4.1 Work package 2

Workpackage number

WP2

Work package title

The perspective of care education: Development of the VReduMED toolkit

Objectives

Please define one project specific objective that will be achieved by your project through the implementation of the work package. The specific objective should be:

- realistically achievable during the project lifetime;
- specific;
- be verifiable and measurable.

Project specific objective

WP2 establishes the care education forum for care teachers to exchange expertise and review the toolkit/future solutions. Dev. of 2 VR-app prototypes, a VR network, innovation formats. VReduMED Handbook incl. strateg. recommendations for edu. system.

In addition, please define one or more communication objective(s) that will contribute to the achievement of the specific objective and include reference to the relevant target group(s). Communication objectives aim at changes in a target audience's awareness and behaviour.

Communication objective(s) and target audience

The communication team will promote and organise a hybrid mid-term (hosted by EUBA) including VR experience sessions, to foster community building among target groups, present of the toolkit and invite for target group participation in the upcoming pilot actions.

The online VReduMED Magazine will be launched/regularly updated with blogs on topics of VR integration in care education and cross-sectoral MedTech/care collaboration.

Stakeholder involvement activities in all partner regions.

Activities

Please describe the activities foreseen in order to achieve the above project specific objective and related communication objective(s) considering also the involvement of the relevant target groups as identified in section C2.4.

Activity 2.1	
Title	Establishing and managing the VReduMED Care

Activity 2.1	
	Education Forum to develop and assess options for introducing VR-based approaches in the nursing /healthcase education
Start period	Period 1, 1 - 6
End period	Period 6, 31 - 36
Description	<p>The newly established transnational Care Education Forum will be the representative platform of care science lecturers, as well as teachers and trainers of upskilling programmes in this sector. Activity leader Edugroup will closely cooperate with the project partners to invite higher education experts as well as teaching staff from regional social care institutions from all partner regions to participate. The forum will play a major role in the development of ideas for practical VR-based tools for care education, in the co-creation of innovative VR-based solutions in cooperation with SMEs and in the assessment of the pilot actions in WP3. As a main strategic output for the sustainable transfer of the VReduMED toolkit to practice, the project learnings as well as a proposed educational programme including recommendations for the transfer to the regional edu. systems will be jointly prepared, discussed in the partner meeting SC6 and presented in the final conference.</p>

Deliverables 2.1			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.2.1.1	Set-up and management of the newly established transnational "care education forum"	Care education forum will be established by PP4 as the transnational board representing perspective of care education lecturers, teachers and trainers involved in several workshop rounds for brainstorming of innovative VR-based educational elements for further development in cooperation with SMEs.	Period 6 , 31 - 36
D.2.1.2	Evaluation of the VReduMED pilot actions by the care edu. forum	In the WP3 demonstation phase, the care edu. forum will take over the evaluation of different kinds of pilot actions of the VReduMED toolkit with respect to its applicability in educational modules within the regional care edu. systems and/or in the work of care professionals.	Period 6 , 31 - 36
D.2.1.3	VReduMED	Guided by act. leader Edugroup the conclusions of the	Period 6

Deliverables 2.1			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
	handbook for VR integration in care education	forum will be summarized in the VReduMED handbook, incl. aggregated assessment of WP3 pilot actions, an educat. concept and recommendations for the regional care edu. system -> Discussion in partner meeting SC6, presentation at fin. conference	, 31 - 36

Activity 2.2	
Title	Specification and programming of VReduMED VR-based educational tools
Start period	Period 2, 7 - 12
End period	Period 5, 25 - 30
Description	<p>Leader of this activity will be JVTP/CZ who will close cooperate with SZE/HU forming the team of "coding partners" within the consortium. Both partner organizations have programming staff in their teams. They will be responsible for adapting and/or coding VR app prototypes which will address specific challenges of care work as specified in D. 2.2.1. At least 2 VR application prototypes will be developed based on already available VR tools in the partner regions or as newly coded prototypes. Additionally, a VR-based tool for transnational workshops will be developed to implement VR lab sessions with participants from different partner regions in an interlinked VR network environment. In terms of technical expertise, the partnership capitalizes the experience of JVTP gained in the the VReduNET project (AT-CZ) and the competences of the VR lab at Szechenyi University - the development of VR-apps tailored for the care sector itself is a novelty for all partner regions.</p>

Deliverables 2.2			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.2.2.1	Specification of the VR/AR-based training	The required functionalities of the VR-based training applications to be piloted will be discussed at partner meeting SC2 with the respon. partners for adapting	Period 2 , 7 - 12

Deliverables 2.2			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
	applications	/coding VR apps (JVTP/CZ, SZE/HU), incl. target-group aspects, various training levels, interactive features, assessment of user reaction.	
D.2.2.2	Coded VR applications for the VReduMED edu. toolkit, incl. integration of existing VR/AR apps	Depending on the availability of existing VR apps, two specialized partners (JVTP/CZ, SZE/HU) will be responsible for adapting / coding of at least 2 VR prototype apps to be demonstrated in WP3. Further, an interactive multi-lingual VR/AR tool for transnational interactive coop. will be developed.	Period 5 , 25 - 30

Activity 2.3	
Title	Development of the VReduMED open innovation method for cross-sectoral co-creation of VR-based solutions for the care education
Start period	Period 3, 13 - 18
End period	Period 4, 19 - 24
Description	<p>Guided by Biz-Up with its wide expertise in the implementation of open innovation methods, such as persona analysis, design thinking, co-creation workshops, etc., the adaptation and practical use of such methods and tools is a cross-cutting project approach to allow for accessing the innovation potential of the two main target groups with their different mindsets and setting up suitable framework conditions for their sustainable cooperation. Biz-Up will develop the methodical toolset to implement open innovation sessions in all partner regions which will be introduced and discussed in the partner meeting SC3 bring them into interaction. In preparation to the demonstration phase in WP3, partners will jointly develop at least 2 case studies that will be used in practical exercises at the transnational interactive sessions as well as regional business development workshops in collaboration between SMEs, VR experts and care professionals.</p> <p>In cooperation with PPs and ASPs and capitalizing methodologies from former Interreg projects (e.g.</p>

Activity 2.3	
	Diamond of Transformative activities, Interreg AS S3-4AlpClusters), Biz-Up will prepare and introduce to all PPs the methodic approach for transnational cross-sectoral co-creation of innovation projects. As a basis for hackathons or other interactive innovation formats activity leader Biz-Up will develop - in close cooperation with the PPs - at least two case studies as exemplary challenges for interactive innovation workshops. Introduction and discussion at consortium level in SC4.

Deliverables 2.3			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.2.3.1	Set of open innovation workshop formats for cross-sectoral + transnational interaction, case studies	A2.3 leader Biz-Up has a lot of expertise with open innovation methods (personas, design thinking) to help bridging between human-centered view of care professions and technical perspective of SMEs. Biz-Up will prepare a set of workshop formats, case studies, common approach and introduce it to PPs.	Period 4 , 19 - 24

Activity 2.4	
Title	Cross-sectoral VReduMED stakeholder communication
Start period	Period 3, 13 - 18
End period	Period 6, 31 - 36
Description	Besides day-to-day comm/diss activities on the project website, social media and partners´ websites, all partners will involve regional stakeholders in cooperation and innovation activities to raise their interest for testing the VR-based tools and participating in innovation sessions, based on the toolkit developed in WP2 activities. The communication team will work on the following highlights of comm/diss activities related to WP2: - Promotion and organization of a hybrid mid-term (hosted by EUBA) including VR experience sessions, to foster community building among target groups, present of the toolkit and invite for target group

Activity 2.4	
	<p>participation in the upcoming pilot actions.</p> <ul style="list-style-type: none"> - Launch of the online VReduMED Magazine with regular blog updates on topics of VR integration in care education and cross-sectoral MedTech/care collaboration on solutions (co-created by PP9 I-Skart).

Deliverables 2.4			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.2.4.1	Regional stakeholder involvement activities	During the phase of preparing the VReduMED toolkit, each partner region will organise at least stakeholder involvement activity (workshop, presentation at regional event, etc.) to update the regional target groups about the ongoing toolkit development for the upcoming demonstraion/pilot actions.	Period 4 , 19 - 24
D.2.4.2	VReduMED online magazine	The VReduMED community magazine will be a periodic online publication of blogs focussed on cross-sectoral VR topics and initiatives for developing innovative MedTech solutions to enrich care education and ease practical care work.	Period 6 , 31 - 36
D.2.4.3	Hybrid Mid-term event to present the VReduMED educational approach to the project target groups	The mid-term event will be organised by EUBA in a hybrid format featuring also VR elements. Besides the presentations of the WP1 analyses and introduction of the care edu. forum (WP2) a main goal is to inspire the participating care experts and MedTech SMEs and support community building.	Period 4 , 19 - 24

Outputs

Please define the outputs which will be realised through the activities foreseen in this work package and link them to the related programme output indicators.

Output number 2.1	
Output title	VReduMED handbook for VR integration in care education, presenting the project toolkit, an educational concept and recommendations for its sustainable transfer
Programme output indicator	RC083_1.2: Strategies and action plans jointly developed
Measurement unit	strategy/action plan

Output number 2.1	
Output target value	1.00
Delivery period	Period 6, 31 - 36
Output description	<p>The VReduMED Handbook presents the educational project toolkit and pilot action learnings together with an educational concept for future use of VR application in the care education and recommendations for the transfer of the VReduMED results to the care education system in the partner regions/CE countries. The handbook contains inputs obtained from experts of the care education forum. It will be strongly promoted at the final conference to ensure sustainable transfer to educational practice.</p>

Investments

C.4.1 Work package 3

Workpackage number

WP3

Work package title

The reality check for VR in care education: Demonstrating the VReduMED approach in pilot actions

Objectives

Please define one project specific objective that will be achieved by your project through the implementation of the work package. The specific objective should be:

- realistically achievable during the project lifetime;
- specific;
- be verifiable and measurable.

Project specific objective

WP3 will establishing a network of VR labs in 3 PP regions and a transnational trainer pool to ensure continuous demonstration of VR apps for care education. 6 different pilot actions maximise stakeholder involvement/learnings at partner level.

In addition, please define one or more communication objective(s) that will contribute to the achievement of the specific objective and include reference to the relevant target group(s). Communication objectives aim at changes in a target audience's awareness and behaviour.

Communication objective(s) and target audience

WP3 activities focus on 1) the invitation of target groups to participate in pilot actions and 2) the dissemination of pilot action results aiming to foster continuous transfer and sustainable target group cooperation. Regional roll-out events and final transnat. conference transfer the VReduMED results to practitioners and policy-makers at regional/EU level and present ongoing transnational and cross-sectoral collaborative initiatives to develop VR-based solutions for care education/practice.

Activities

Please describe the activities foreseen in order to achieve the above project specific objective and related communication objective(s) considering also the involvement of the relevant target groups as identified in section C2.4.

Activity 3.1	
Title	Technical specification and set-up of the VReduMED lab infrastructure

Activity 3.1	
Start period	Period 1, 1 - 6
End period	Period 4, 19 - 24
Description	<p>Setting up a network of VReduMED labs at several partner locations in the project region in which VR applications and tools will be available for demonstration purposes and for the implementation of various trainings and innovative interaction formats with care students and care professionals is a main intention of the partnership. Coordinated by the activity leader JVTP and in close cooperation with partners from HU and DE, the technical VR lab infrastructure will be specified, partly extended and /or newly set up. For the project activities the consortium can rely on existing VR labs (using different VR technology platforms) in CZ and HU. A new VR usability lab for test runs and trainings with care students supervised by professors of the care science curriculum will be established by the higher education partner OTH Regensburg. All facilities will be used in the WP3 demonstration phase and made available for collaborative innovation work during and beyond the project.</p> <p>Established VR labs in 3 partner regions will be in the phase of project sustainability operated by relevant project partner in frame of organization's activities and budget. Virtual space for connecting labs and present project activities will be developed within the project and organized by project partners after the project implementation. Project activities will set up the cooperation consortium which will be able to continue with the topic of VR / AR after project implementation.</p>

Deliverables 3.1			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.3.1.1	Specification of standard configuration for VReduMED labs, incl. technical set-up for labs mobility	The two expert organisations with existing VR labs (JVTP as task leader and SZE) will decide with PPs about the technical VR platforms to be used, specify the standard technical features for VR testing in labs, their mobility and connectivity in future project periods.	Period 3 , 13 - 18

Deliverables 3.1			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.3.1.2	Set-up of a VR usability testing and training lab for student groups	To complete the VR lab infrastructure in the project region, another specialized lab will be established by OTH Regensburg to run usability tests with care students and care science teachers. The lab will be sustainably used for assessing the practicability of newly developed VR solutions.	Period 3 , 13 - 18
D.3.1.3	Development and technical set-up of a virtual network of partner labs.	Developed VR labs in CZ, HU and DE will be connected together in virtual lab network which enables an interactive cooperation among labs in 2D and 3D VR/AR space, shared usage of developed application from each partner region.	Period 4 , 19 - 24

Activity 3.2	
Title	Development/implementation of a Train-the-Trainer programme for the use of the VReduMED toolkit in a lab environment
Start period	Period 2, 7 - 12
End period	Period 4, 19 - 24
Description	<p>In preparation to the demonstration and piloting phase of the VReduMED labs as well as for future trainings using the project infrastructure, activity leader SZE will prepare trainer instructions in cooperation with JVTP and OTH to cover the full programme of VR labs set up by the project. All other project partners will support this activity by involving regional training staff in the introduction of the VR labs and presenting the training options and related instructions at the regional level.</p> <p>Additionally, a transnational Train-the-Trainer webinar will be organised by SZE to promote the lab infrastructure and the available training opportunities and to discuss potential pilot training concepts with the participating educational and training staff.</p>

Deliverables 3.2			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.3.2.1	Trainer instruction for the use of the VReduMED toolkit and implementation of lab sessions	SZE will lead this task and coordinate the preparation of a trainer instruction for the VR labs and tools used. The initial version of the instruction will be made available before starting the pilot phase. A final version after to support trainers in future lab trainings.	Period 3 , 13 - 18
D.3.2.2	Regional Train-the-Trainer workshops and transnational webinar for VReduMED trainers	SZE will present the trainer instruction to all partners who will organise regional train-the-trainer events. Additionally, a transnational TtT webinar will prepare trainers for leading the lab activities in the VReduMED demonstration phase.	Period 4 , 19 - 24

Activity 3.3	
Title	Demonstration of the VReduMED approach in pilot actions
Start period	Period 4, 19 - 24
End period	Period 6, 31 - 36
Description	<p>The VReduMED pilot actions are designed to create sustainable interest and motivation for introducing VR/AR tools in the care education sector. 3 solutions developed within the project will be tested as formats which demonstrate a various options for applying VR/AR training tools in care education.</p> <p>1) VR/AR infrastructure solution - VR/AR labs with technical setup of labs, mobility of labs to care and education premises, connectivity of labs from different partner regions via virtual 2D/3D space, VR /AR applications developed within the project and its accessibility via 2D/3D virtual space.</p> <p>2) Innovative format for cross-sectoral and transnational communication and cooperation with aim to bring together the creative potential of care professionals, MedTech companies and clusters and VR experts, with link to the innovative care education - persona-based open innovation workshop with students and care-givers to present human oriented services to MedTech companies and VR/AR/IT experts and to receive relevant information about VR/AR technology specifics,</p>

Activity 3.3	<p>transnational VR/AR-based workshops via virtual lab network.</p> <p>3) Innovative tools for care education developed for students and further education of medical - caring staff. VR/AR based tools will be developed in cross-sectoral collaboration to educate caring staff in innovative and effective way. Developed education tools will be tested in transnational formats: Summer School organized in Germany including a transnational innovation event (e.g. hackathon or other similar format) on a VR platform linking participants from all parts of the project region. Development of this solution related to VR/AR education will include the definition and planning of follow-up VReduMED trainings and innovation project with target users at regional and transnational level.</p>
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Deliverables 3.3			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.3.3.1	Testing of developed VR/AR infrastructure solutions:labs, mobility, 2D/3D connectivity, applications	Technical setup of laboratories, its mobility, virtual connectivity and developed VR/AR applications will be tested with regional stakeholders in labs in CZ/HU/DE as well as in our project regions connected to these labs virtually. JVTP will lead this task in cooperation with partners from HU (SZE)	Period 6 , 31 - 36
D.3.3.2	Testing of innovation format of workshops with students and stakeholders from care sector /MedTech/IT	The cross-sectoral innovation aspect will be addressed in innovation workshops involving mixed regional /transnational participant groups of care experts, MedTech companies and VR experts to co-create innovation ideas for care education to be followed up during /beyond project (coord. by PP3 Biz-Up).	Period 6 , 31 - 36
D.3.3.3	Testing of innovative educational format for students and for further education of medical staff	PP7 SPS will organize a summer school for transnational participants on the "VR in care" topic including interactive (hackathon type) sessions based on use cases/challenges developed in WP2. Participants will use the transnational VR network provided by VReduNET for cross-sectoral interaction.	Period 6 , 31 - 36

Activity 3.4	
Title	User involvement and dissemination for a sustainable knowledge transfer of the VReduMED experience
Start period	Period 3, 13 - 18
End period	Period 6, 31 - 36
Description	Comm/diss activities related to WP3 will be focussed 1) on the invitation of target groups to participate in demonstrations and pilot actions and 2) on the dissemination of the pilot action experience and project results aiming to foster continuous transfer and sustainable cooperation between the care education experts, MedTech companies and VR specialists during and beyond project lifetime. Online dissemination will focus on multimedia materials and videos to communicate the VR experience. All partner regions will host regional roll-out events (roadshow). Except of CZ partners, who will spread the information through the final transnational project conference. This event will be hosted by JU to discuss project results with practitioners and present the strategic project results (MedTech roadmap, Educational Handbook) to decision-makers at regional/EU policy level. Innovative solutions under development and future transnational and cross-sectoral collaborative initiatives and their projects beyond project lifetime will be highlighted in all presentations.

Deliverables 3.4			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
D.3.4.1	Thematic leaflet for presenting the VReduMED lab programme and invitation of users	in preparation to the pilot phase, the communication coordinator develops (with inputs from PPs) a thematic leaflet to introduce the VReduMED vision, the VR lab programme as an invitation to the project target groups for participation in the pilot actions.	Period 4 , 19 - 24
D.3.4.2	Dissemination campaign incl. promotional videos and	Following initial awareness raising campaign in WP1, a multi-channel dissemination campaign to defined target groups in care, MedTech and VR is implemented by the comm. coordinator in coop. with PPs to spread project	Period 6 , 31 - 36

Deliverables 3.4			
Deliverable Number	Deliverable title	Deliverable description	Delivery period
	regional roll-out events for SME target groups	results via digital media. At least 3 videos and 4 roll-out events for SME network.	
D.3.4.3	Final project conference	The final hybrid project conference will be hosted by JU in Budweis, with an application oriented concept, incl. transnat. VR/AR-powered networking workshops, and sessions to present the developed cross-sectoral collaboration initiatives to develop sustainable VR/AR-based solutions for care topics.	Period 6 , 31 - 36

Outputs

Please define the outputs which will be realised through the activities foreseen in this work package and link them to the related programme output indicators.

Output number 3.1	
Output title	VReduMED lab demonstrations and pilot actions
Programme output indicator	RC084_1.2: Pilot actions developed jointly and implemented in projects
Measurement unit	pilot actions
Output target value	3.00
Delivery period	Period 6, 31 - 36
Output description	The VReduMED pilot actions demonstrate a various options for applying VR training tools in care education/practice, Pilot actions with technology focus: VR applications on different technology platforms, usability tests and measurements of the physiological effects of VR on the users. Pilot actions with innovation focus: include transnat. cross-sectoral innovation workshops, summer school on VR in MedTech, transnat. hackathon format to develop collaboration initiatives developing VR solutions.
Output number 3.2	
Output title	Organisations involved in transnational pilot actions and follow-up activities
Programme output indicator	RC087_1.2: Organisations cooperating across borders

Output number 3.2	
Measurement unit	organisations
Output target value	22.00
Delivery period	Period 6, 31 - 36
Output description	VR Lab demos and tests at 3 partner facilities (CZ, HU, DE), open for transnat. visitors, and versatile innovation cross-sectoral formats during pilot actions in all partner regions represent a highly attractive pilot programme addressing each of the project target groups. PPs will involve their regional stakeholder networks and support cooperation /innovation ideas emerging during pilot activities. Transnational follow up and matching of ideas from all partner regions ensures sustainability.
Output number 3.3	
Output title	Project concepts for developing innovative VR-based solutions for care education, followed up by transnat. cross-sectoral teams during and beyond project lifetime
Programme output indicator	RCO116_1.2: Jointly developed solutions
Measurement unit	solutions
Output target value	3.00
Delivery period	Period 6, 31 - 36
Output description	Based on demo sessions and VR tests in 3 different lab settings, 3 interactive pilot actions across the project regions and the organisation of a transnat. hackathon, at least 10 innovative ideas for VR-based solutions will be developed by the addressed target groups. Project partners will provide continuous support and facilitation services for the new collaborative project teams to ensure sustainable cooperation on the innovative VR-based solutions for care education during and beyond project.

Investments

C.5 Project results

Please select and quantify the relevant programme result indicators to which your project will contribute. For each selected result indicator, please briefly describe the contribution of the project and the relevant project results (change) you expect to achieve through the implementation of the foreseen activities and outputs as defined in the work plan. Please also specify the output(s) which are directly related to this result.

Result 1	
Programme result indicator	RCR79_1.2: Joint strategies and action plans taken up by organisations
Measurement unit	joint strategy/action plan
Baseline	0.00
Target value	2.00
Result description	<p>The Roadmap for the integration of VR in MedTech products/services incl. cluster policy recommendations (output 1.1) is the main strategic project result to highlight the innovation potential of the care sector, foster the take-up of VR by MedTech companies in innovative solutions for care demand and enhance the collaboration between MedTech cluster networks, care experts and specialised SMEs /start-ups with VR focus.</p> <p>The Handbook of the care education forum (output 2.1) is the main strategic transfer tool for the take-up of VReduMED results by care education institutions and in upskilling programmes for care professionals to integrate VR-applications in teaching and prepare the ground for an enhanced uptake of technical assistance equipment that fits with the human-centred approach of care-giving. These complementary strategic results will be widely disseminated in transnat. practitioner networks, at the decision-making level of regional care education systems and CE policy level.</p>
Result 2	
Programme result indicator	RCR84_1.2: Organisations cooperating across borders after project completion
Measurement unit	organisations
Baseline	0.00
Target value	22.00

Result 2	
Result description	<p>During project lifetime the project will reach out for wide target group networks, both in MedTech clusters (output 1.2) and at the level of the care education forum (output 2.2). A large number of target group organisations will be involved in the pilot phase (output 3.2) and in the development of project concepts for innovative VR-based care solutions at the transnational level (output 3.3). Overall 93 organisations will be involved in transnational collaborative activities during project implementation.</p> <p>Based on a conservative assessment of the sustainable transnational cooperation potential resulting from the project activities, the partnership counts on 22 organisations that will continuously work to develop innovative solutions. It means at least 2 project partners from each partner region and their associated partners will continue cooperating, sustainably supported by the regional and thematically competent transnational project partners beyond project lifetime.</p>
Result 3	
Programme result indicator	RCR104_1.2: Solutions taken up or up-scaled by organisations
Measurement unit	solutions
Baseline	0.00
Target value	3.00
Result description	<p>The consortium counts on at least 10 project concepts for developing innovative VR-based solutions for care education, to be identified as a result of the lab demonstrations and pilot actions in WP3 (output 3.3). These project ideas and the transnational innovation teams behind them will be continuously supported by the VReduMED partnership during and beyond project lifetime. As the cooperation projects will be defined in direct interaction with experts from the care sector and therefore respond to the actual demand of care education/practice, it is expected that at least half of the newly developed VR-based solutions will reach a high level of practicability and will be taken up or scaled up by care institutions within the first two years after project finalisation. This means that</p>

Result 3	
	on average at least one VR-based solution developed by transnational teams from VReduMED target groups will be sustainably implemented and become an inspiring good practice that for other innovators.

C.6 Time plan

	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	After End
WP1 From vision via roadmap to action: VR as...							
A1.1 Mapping of competences and resource...	D1.1.1	D1.1.2					
A1.2 Set up of target group communicatio...	D1.2.1	D1.2.2					
A1.3 Investigating the expectation in VR...			D1.3.1				
			D1.3.2				
A1.4 Developing a roadmap for for VR-rel...			D1.4.1	D1.4.2			D1.4.3
RCO83_1.2				O1.1			
WP2 The perspective of care education: Devel...							
A2.1 Establishing and managing the VRedu...							D2.1.1
							D2.1.3
							D2.1.2
A2.2 Specification and programming of VR...			D2.2.1			D2.2.2	
A2.3 Development of the VReduMED open in...					D2.3.1		
A2.4 Cross-sectoral VReduMED stakeholder...						D2.4.1	D2.4.2
						D2.4.3	
RCO83_1.2						O2.1	
WP3 The reality check for VR in care educati...							
A3.1 Technical specification and set-up ...			D3.1.1	D3.1.3			
			D3.1.2				
A3.2 Development/implementation of a Tr...			D3.2.1	D3.2.2			
A3.3 Demonstration of the VReduMED appro...							D3.3.2
							D3.3.1

						D3.3.3	
A3.4 User involvement and dissemination ...					D3.4.1	D3.4.3	
						D3.4.2	
RCO116_1.2						O3.3	
RCO84_1.2						O3.1	
RCO87_1.2						O3.2	

C.7 Project management and communication

In addition to the thematic activities as described in the work plan, you need to foresee adequate provisions for project management, coordination and internal communication.

C.7.1 How will you coordinate and manage your project?

Please describe how the project management on the strategic and operational level will be carried out, including the set-up of management structures, responsibilities and procedures, as well as risk management. Please also explain how the internal communication within the partnership will be organised.

VReduMED will establish an efficient project management structure to ensure an effective, efficient and timely project execution.

General project management will be executed by the Lead Partner JVTP who will coordinate the project implementation content-wide and with regard to financial aspects. The LP acts as singular contact point to CE JS, performs all project reviews, and all duties set in the subsidy contract. The LP will be responsible for managing the contractual matters and ensures compliance with the approved budget.

The LP is responsible for day-to-day project management. In this respect, JVTP will subcontract an experienced external project manager to the operational support of the internal project management resources.

For internal communication the LP will provide the partnership with a web-based solution for sharing internal information and documents among the partners. The LP hosts regular online meetings for discussing the current implementation status incl. potentially emerging issues, as well as upcoming tasks to ensure the timely management of potential risks of project implementation.

Work packages will be led by the following partners: WP1 lead – EUBA, WP2 lead – edugroup, WP3 lead – OTH. Within the three work packages activity leads are distributed among to different project partners in line with their thematic focus and core competences. The appointed activity leaders will closely cooperate with the respective work package leader regarding the implementation of tasks within the single activities. The WP leaders will also coordinate the involvement of the associated partners in their work packages in cooperation with the relevant project partners from the same region.

All PPs are involved in all project activities and contribute to the elaboration/implementation of the tasks according to their specific know-how and strength.

At the kick-off meeting, the partnership will constitute a project steering committee as the main decision-making body of the project, consisting of one representative per partner. The rules of procedure of the steering committee will be defined at the kick-off meeting and included in the partnership agreement. In line with the progress of thematic project work, six biannual meetings will be organised as follows: SC 1 (hosted by PP6 / SK), SC2 (hosted by PP10 / HU), SC3 (hosted by PP7 / DE), SC4 (hosted by PP8 / DE), SC5 (hosted by PP3 / AT), and SC6 (hosted by PP2 / CZ).

C.7.2 Which measures will you take to ensure quality in your project?

Describe the planned approach and processes for quality management, i.e. how the quality of deliverables and outputs will be monitored and ensured, and indicate the responsible partner(s). If you plan to conduct any type of project evaluation, please describe its purpose and scope.

The coordination of all quality assurance management activities will be taken over by the lead partner's project manager who will closely cooperate with the WP leaders in respect to quality management issues at work package level. As a general rule, all PPs are obliged to implement the thematic tasks thoroughly and at a high quality level.

The quality of day-to-day project implementation will be ensured by the accomplishment of all project activities and tasks in line with the project workplan. In the frame of the monthly online meetings, the responsible WP leaders and/or activity leaders will present the current status of project implementation and upcoming activities. For any problems detected the project partners will jointly elaborate a solution. Additionally, the project progress as well as the results achieved by date and forthcoming thematic activities will be discussed in the biannual steering committee meetings. In case of any deviations from the project plan corrective actions will be decided.

To ensure the quality of project results the lead partner JVTP will in cooperation with the WP leaders continuously monitor the ongoing project work. All project outputs will be cross-checked and validated, at the level of single work package deliverables as well as main project outputs, including the fulfilment of the quantitative target indicators. All project partners will be involved in proofreading of the project outputs and provide feedback to the respective authors who will prepare the final output versions accordingly.

The progress and qualitative implementation of all communication and dissemination activities will be monitored by the communication coordinator PP9 / Innoskart. All partners will comply with the communication rules set by the programme, which will be ensured by the communication coordinator. In terms of the environmental quality management, the LP will encourage all PPs to avoid paper copies of documents, etc. and use electronic versions instead, and to organise travels considering a minimum carbon footprint. With view to the close distance between the VReduMED partner regions PPs will be encouraged to choose travel by train, whenever possible.

C.7.3 What will be the general approach you will follow to communicate about your project?

Please describe how your project's communication objectives, as outlined in the work plan, will help with achieving your project's main result(s). Why is communication important? Which common tactics, channels and tools will help the partnership to reach out to and involve its target audiences? How will the project communication coordinator ensure that all project partners are involved and contribute to communication?

The communication and dissemination strategy of VReduMED will follow a multi-channel approach to maximise the visibility and recognisability of the project as well as the visibility of Interreg CE acc. to the programme rules.

As the communication coordinator PP9 / Innoskart has been appointed by the partnership who has already prepared a draft communication strategy in the application phase.

In the kick-off phase the main project target groups as described in the application will be further detailed and an engagement strategy will developed on that basis.

The main communication channels include the Interreg CE profile and webpage of the project on the programme homepage. All partners will set up VReduMED subpages on their organisation websites. Further, the project will set up social media accounts for project activity communication and the engagement of target groups.

Further, the communication coordinator will develop promotional materials and templates for press releases and other comm/diss activities.

Main communication activities and outputs are described in the frame of the thematic workpackages WP1, WP2 and WP3.

A clear table to measure and archive the communication performances will be created to collect and monitor activities and statistics among partners and possible mitigation actions are foreseen.

C.7.4 How do you foresee the reporting procedures for activities and budget (within the partnership)?

Please describe the reporting processes at the level of partners towards the lead partner.

During ongoing project implementation, the responsible task leaders will report the implemented activities in line with the deliverable/output description and due date, as defined in the work plan. Once the quality assessment is successfully completed, the LP submits the deliverable/output in Jems. This will be implemented continuously, independent of the periodic reports.

The lead partner JTVP will provide access to all partners to the project share-point for internal knowledge management, and for sharing working documents, draft + final deliverables/outputs, and programme documents.

The task+WP leaders report on the current status of each task/WP during the partnership's monthly online meetings. This allows the LP to react quickly to any unplanned circumstances.

Every six months each PP will submit the thematic partner report in Jems, including all performed activities, contributions to project outcomes and related deliverables/outputs, and the LP aggregates the provided information and outcome documents to the annual joint report.

To ensure the timely and high-quality fulfilment of all project activities within the foreseen budget the LP holds regular coordination meetings with the task+WP leaders. All partners are required to use their budget in a sound manner, in line with the application form and the Programme documents.

These expenditures will be reported biannually in Jems. In addition to these mandatory financial monitoring and reporting instrument, the partnership will implement a procedure of quarterly internal reporting on financial indicators towards the LP.

C.7.5 Cooperation criteria

Please select the cooperation criteria that apply to your project and include a brief explanation. Please note that the joint development, joint implementation and joint financing criteria are mandatory.

Cooperation criteria		Description
Joint development	Yes	The project proposal as well as all activities and outputs foreseen in the project workplan in several project development meetings are jointly developed with inputs from all project partners.
Joint implementation	Yes	All project activities and outputs will be prepared in line with the project workplan in close cooperation of all project partners as described in the project proposal.
Joint staffing	Yes	In all WPs, particularly in the pilot action phase and in the planned lab demonstrations, the consortium will rely on the complementary cooperation between partners acc. their thematic expertise and involvement in regional networks.
Joint financing	Yes	The partnership will jointly finance the project implementation acc. to the planned project budget.

C.7.6 Horizontal principles

Please indicate how your project contributes to horizontal principles and provide a short explanation. With regard to environment protection, please also include an explanation how the "environmental sustainability by design" approach has been integrated and provide a brief assessment of possible environmental effects to your project.

Horizontal principles	Type of contribution	Description of the contribution
Sustainable development and environment protection	positive effects	The use of VR tools in care education will help saving resources and increase environmental efficiency by reducing travels and material consumption linked to real training settings.
Equal opportunities and non-discrimination	positive effects	The use of VR tools in care education offers equal opportunities for users at a basis on non-discrimination, inclusion of disadvantaged groups and minorities.
Equality between men and women	positive effects	In the development of VR tools for care education the equality between men and women will be considered as a quality criterion in all visual presentations.

C.8 Long-term effects and durability

Projects should have a long-lasting effect in the territories and for the relevant target groups. Please describe below how this will be ensured.

C.8.1 Ownership/durability

Please describe who will ensure the financial and institutional support including maintenance for outputs and, if applicable, for most important deliverables developed by your project.

The durability of the project results is ensured by

- the sustainable involvement of all partners in the topics addressed by the project
- the availability of the project methodology for the transfer among partners and within their regional institutional networks
- the project dissemination activities to transfer the project results to other interested institutions and regions
- the ongoing operation of the lab facilities used and established during project implementation
- and by the sustainable support to the identified innovation project teams developing VR-based solutions for challenges in the care education sector

C.8.2 Lasting effects

Outputs and deliverables should be made available and used by relevant target groups (project partners or other stakeholders) after the project's lifetime, in order to have a lasting effect on the territory. Please describe how the outputs and deliverables will stay available and will be taken up or upscaled by the project partners.

The Roadmap (output 1.1) for SME clusters and the Handbook for care education (output 2.1) as the main strategic results of VReduMED will be freely available for all interested stakeholders in Central Europe and EU-wide and pro-actively disseminated by the partnership to ensure high transfer intensity to practice. All project outputs will remain available and downloadable on the Interreg website of the project.

Long lasting effects are particularly expected from the transnational collaboration initiatives and project teams that will be set up during project implementation to develop VR-based solutions for care education. The project partners are committed to support these innovation activities during and beyond the project.

As the topic of VR integration in the care sector is highly innovative and offers a huge market potential for specialised SMEs and start-ups, the consortium expects that the good practice examples of new solutions developed within VReduMED will trigger further intensive cooperation between MedTech suppliers and care education as an entry point for the wider up-take of assistance systems in the field of medical care. All project partners of VReduMED will be able to provide continuous support for further activities in this field based on their specific competences and roles within the regional innovation ecosystems.

C.8.3 Transferability

Please describe how outputs and deliverables could be adapted or further developed to be used by additional target groups or rolled out in other territories beyond the partnership. How will communication activities ensure that relevant groups are aware of the available outputs and deliverables to be used?

The central role of the perspective of potential users of VR-applications in the care education sector throughout all project phases ensures the high transferability of the project results. All project outputs will be developed in a direct transnational cooperation which considers the regional framework conditions for care education and care practice of the neighbouring partner regions and the challenges in the care system of the whole project region. By applying the open innovation approach which is tailored to the thematic field addressed, also other interested organisations or regional institutional networks will easily be able to take up the VReduMED project results adapting them to their specific framework conditions. As all project partners will be involved in the wider field of technological innovation for the education of medical and care professionals, continued advice and support regarding the use of the project results can be provided by the consortium partners during and beyond project lifetime.