


Project Number: 2022-1-PL01-KA220-HED-000089283

Turku University of Applied Sciences

Name of the organisation:	Turku University of Applied Sciences	
Address:	Joukahaisenkatu 3, FI-20520 Turku	
Tel:	+3582 263 350	
Fax:		
Web site:	https://www.tuas.fi/en/	

Name of the contact person:	Mirka Toivonen	
Function:	Chief Content Officer Senior Lecturer	
Address:	Joukahaisenkatu 3, FI-20520 Turku	
Tel:	+358 50 598 5882	
Fax:		
E-mail:	mirka.toivonen@turkuamk.fi	

Name of the contact person:	Maija Valta	
Function:	Senior Lecturer	
Address:	Joukahaisenkatu 3, FI-20520 Turku	
Tel:	+358 40 355 0387	
Fax:		
E-mail:	maija.valta@turkuamk.fi	



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Name of the contact person:	Anni Laitinen	
Function:	Project Advisor	
Address:	Joukahaisenkatu 3, FI-20520 Turku	
Tel:	+358 44 907 4555	
Fax:		
E-mail:	anni.laitinen@turkuamk.fi	

Type of organisation:

SME School University Public Authority
Training No Profit NGO

Other (Specify)

Fields of action:

SMEs Youth Universities Public Authorities
Equal opportunities Schools Unemployed

Other (Specify)



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Description of the organisation

Turku University of Applied Sciences (Turku UAS) is one of the most attractive universities of applied sciences in Finland. Turku UAS is an innovative and multidisciplinary higher education institution, which creates international competitiveness and well-being for Southwest Finland. As one of the leading universities of applied sciences in Finland, Turku UAS hosts around 10,000 students studying for a Bachelor's or Master's degree, with around 700 personnel. At Turku UAS you can study for Bachelor's or Master's Degree in four faculty: Business, ICT and Chemical Engineering, Arts Academy, Technology, Environment and Business and Health and Well-being.

The range of our degree programs provides a good platform for interdisciplinary learning. In addition, we have developed the concept of Innopeda[®], based on Innovation Pedagogy, which is a learning method, that combines studying with RDI (Research, Development and Innovation) and working life in a way that develops innovative thinking, creativity and transferable skills of students. With Innopeda[®], we successfully connect teaching, research and development activities, internationality, and cooperation with working life.

The active co-operation with working life and other higher education institutions ensures two-way exchanges of the most up-to-date knowledge and practical applications, all of which can be directly integrated into the study programmes and health care services. Turku UAS engages in diverse and extensive research, development, and innovation (RDI) activities. Turku UAS participates in short development projects as well as major projects spanning several years, both nationally and internationally. In practice, these projects serve to develop products, services and processes and innovations. Turku UAS has more than 30 research groups. In the field of applied research, Turku UAS represents the top tier in the country, coordinating or acting as a partner in over 200 RDI projects every year.

At Turku University of Applied Sciences international perspective is integrated into all the activities, teaching, RDI as well as working life co-operation. This guarantees that the students and staff have the intercultural skills needed in today's multicultural working life. It also ensures the high international quality of our education and applied research. Turku UAS international activities include for example student and staff mobility; teaching in foreign languages; language and cultural studies; international co-operation in curriculum development and international research, development, and innovation projects. Close interaction with working life helps us to react to changes in skill requirements in a highly flexible way. In addition to the Bachelor's and Master's degree programmes, Turku UAS provides continuing professional education for adult learners and tailor-made training courses addressing the specific needs of companies and other organizations.

Turku UAS participates actively in the Health Campus Turku cooperation, a significant multidisciplinary education cluster within medicine and health care, formed by three other higher education institutions and a university hospital (Hospital District of Southwest Finland). Health Campus offers an inspiring operating environment for studies, research, innovations and corporate collaboration. The collaborating parties promote research and cooperation, education as well as innovation and business activities. The teaching, research and innovation activities of the Health Campus operators support the internationally



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recognized high-quality special health care provided by the local university hospital. The objective is to develop interdisciplinary expertise in line with the targets of the health and social services reform.

Turku UAS has successfully managed the overall coordination of hundreds of projects including several Erasmus+ projects. Turku UAS has the infrastructure, know-how and committed personnel to ensure the smooth implementation of the project's management. Turku UAS is also an active partner in many international networks of universities and other training organizations, and it has great possibilities to distribute knowledge and skills gained through projects.

Experience of the organization in previous European projects

Turku UAS has experience both as a leader and as a partner in EU-funded cross-border research, development, and innovation projects, including several Erasmus+ projects. Examples of Turku UAS's Erasmus+ projects in the field of Health and Wellbeing:

- EHECADI project - creates European Health Final Dissertation with international focus
- wExchange - Promoting mental well-being through online exchange in secondary schools
- Safe4Child – Caring violent child safely in child psychiatric and residential units
- DigiSMARTS
- ARTHEWE - Multiform Pedagogy in Arts, Health and Wellbeing Education
- BioTriCK BLS Triangular Centre of Knowledge
- CHECKIT HE – Countering Hate and Extremism on Campus – Knowledge Innovation and Training in Higher Education
- SHEHAP - Prevention of Sexual Harassment in Secondary Schools
- 360ViSi – Interactive 360° video simulation
- MEET – Inclusive Emergency
- BANISTER – Baltic Nordic Sensory Integration
- Digital Toolbox for Innovation in Nursing Education I-BOX project
- Urban diversities – challenges for social work
- Senior Social Entrepreneurship
- ERCCI – Empowering Residential Child Care through Interprofessional Training
- A Digital Program for Sexual Education in Secondary Schools (EDDIS).
- Care of Pressure and Venous Ulcers in Simulation Environment
- RENE– Renewing Ergonomic Education for Health Care Students in European HEIs
- Mongolian Mental Health Nurse Training: Post Graduate Diploma Curriculum Development and Implementation / (MoMeNT)
- Be Smart Senior (BESS)
- MEGA – Building Capacity by Implementing mhGAP Mobile Intervention in SADC Countries
- COMMUNE – Co-Produced Mental Health Nursing Education
- MOMU, Moving towards Multiprofessional Work

More Turku UAS' European projects can be found from <https://www.tuas.fi/en/research-and-development/projects/>



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Experience and Expertise of the organization in the project's subject area

Turku University of Applied Sciences (Turku UAS) has expertise from variety of research and development projects in the field of health care, education and modern teaching and learning methods and environments.

The faculty responsible for this BREATH-project is the Faculty of Health on Well-being. The Faculty of Health and Well-being have a successful track record on coordination of several large international projects during recent years (e.g. VIRTU, MIMO, Hasic, RESME, SimE). Projects focusing especially on developing online training programs are e.g. RENE- Renewing Ergonomic Education for Health Care Students in European HEIs, and EDDIS - A Digital Program for Sexual Education in Secondary Schools.

Turku UAS' RDI experiences and expertise, relevant to BREATH-project, are:

- nurses' professional competence and career development
- simulation based learning techniques and new, multiprofessional learning environments in health care
- clinical expertise and evaluation
- promoting ethical competence and ethical leadership in health care

In the care of internal medicine Turku UAS has led the work of National Guidelines for COPD-patients self-care. <https://www.hotus.fi/keuhkohtaumatautia-sairastavan-omahoidon-sisallot-hoitosuositus/> (available only in Finnish).

Contributions that can be provided to the project

Turku University of Applied Sciences (Turku UAS) is a partner organization in BREATH-project. Turku UAS will actively contribute to the all BREATH-project activities to ensure smooth implementation and good results. Turku UAS will be the leading partner of the Work package 3 – Transnational Database of Good Practices and Activities. All activities will be carried out based on the Turku UAS' strong experience on different projects, know-how and committed personnel. Turku UAS team is experienced in developing educational interventions and training programmes, research evaluation and different research methods, simulation pedagogy in learning health professionals' knowledge, skills and attitudes, internal medicine nursing, pharmacotherapy, physiotherapy, and project management, to mention few. Financiers have given good feedback of Turku UAS' financial management.

Reasons of involvement in the project

Turku University of Applied Sciences (Turku UAS) is an innovative and multidisciplinary higher education institution. With a wide network of collaborators around the world, Turku UAS employ a hands-on approach to problem solving and innovation.



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One of the Turku UAS' competence spearheads is promoting health and well-being. Turku UAS develops nationally relevant and utilized education and training, especially in research evaluation, the digitalisation of health care and simulation pedagogy. Turku UAS is part of Health Campus Turku, a significant multidisciplinary education cluster within medicine and health care, formed by three other higher education institutions and a university hospital (Hospital District of Southwest Finland). Health Campus offers an inspiring operating environment for studies, research, innovations, and corporate collaboration.

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Contact Person's Experience and Expertise

Turku University of Applied Sciences experts on BREATH-project are:

Mirka Toivonen (RN, PhD) is a Senior Lecturer at Turku University of Applied Sciences (Turku UAS), Department of Health and Well-Being. She works as a Senior Lecturer in Degree Program on Nursing. Her main teaching areas are internal medicine nursing, pharmacotherapy, and students' clinical practice. In addition, she works as a supervisor for students preparing their bachelor thesis. Mirka Toivonen is a member of Clinical Expertise Research Group. Her research interest is in paediatric nursing and she has done her doctoral thesis on Family centered care at the University of Turku. She has gained experience of project work previously in national projects.

Maija Valta (RN, MNSc) is a Senior Lecturer at Turku University of Applied Sciences (Turku UAS), Department of Health and Well-Being. She works as a Senior Lecturer in Degree Program on Nursing. Her main teaching areas are surgical nursing, pharmacotherapy and intensive care nursing. Maija is a member of Clinical Expertise Research Group. At the moment Maija is involved in the development of two project ideas. Maija started working at Turku University of Applied Sciences in January 2021. Before that she worked at Turku University Hospital as a clinical nursing specialist (CNS). At that time, Maija was involved in many different nursing development projects.

Anni Laitinen (MSc, MHSc) works as a Project Advisor at Turku University of Applied Sciences (Turku UAS), Project Management Office. Laitinen is experienced in project management, and she has worked in several international and national RDI projects. Laitinen will act as a Project Manager in administrative issues for this project.

