



HoCare



Interreg Europe

Innovative solutions for Home Care by strengthening quadruple-helix cooperation in regional innovation chains

LITHUANIA'S REGIONAL REPORT

Elaborated in the framework of the additional activities' implementation (IE
5th Call)

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Contents

A) BACKGROUND	3
B) OBJECTIVE	4
C) METHODS / RESOURCES TO COLLECT INFORMATION FOR THE REPORT	4
D) TIPS & RECOMMENDATIONS: HOW TO PROPERLY FILL IN THE REPORT	4
1) POLICY INSTRUMENT	5
2) OTHER RELEVANT POLICY INSTRUMENTS	6
3) THE HOME CARE RESEARCH & INNOVATION ECOSYSTEM	8
4) MAIN REGIONAL ACTORS OF THE QUADRUPLE HELIX MODEL IN HOME CARE R&I	10
5) MAIN INNOVATIVE REGIONAL PROJECTS / RESEARCH INITIATIVES IN THE SECTOR OF HOME HEALTH CARE	15
6) EXPECTED RESULTS FROM THE EXCHANGE OF EXPERIENCE PROCESS WITH THE HOCARE PARTNERSHIP	18
7) OTHER INFORMATION	18
8) AUTHOR	19

A) BACKGROUND

Interreg Europe HoCare project aimed at boosting the delivery of innovative home-care solutions. In line with the smart specialization strategies of the partner regions, the project contributed to the optimization of Structural Funds investments to strengthen regional innovation systems in the health care sector by fostering quadruple-helix cooperation in regional innovation chains.

The HoCare partnership is constituted by the Nicosia Development Agency (ANEL) - CY, Development Centre of the Heart of Slovenia - SI, Business Agency Association - BG, National Institute for Research and Development in Informatics - RO, Lithuanian Innovation Centre - LT, National Directorate General for Hospitals (former National Healthcare Service Center) - HU, IDERAM Business Development Institute of the Autonomous Region of Madeira - PT and DEX Innovation Centre - CZ.

The four-year project (01/04/2016-31/03/2020) was evenly divided into 2 phases. Phase 1 focused on capacity building through interregional exchange of experience. Core of the learning journey was sharing of 33 good practices (available at: <https://www.interregeurope.eu/hocare/>) with replication potential in other regional settings to improve the innovation delivery policies in the e-health sector. The HoCare project's main outcomes were specifically: 8 Regional Situation Analyses, 59 policy learning events (incl. 3 International Thematic Seminars and Workshops), 3 Joint Thematic Studies, 3 Policy Transfer Reports and regional Action Plans transforming the project learnings into implementation-oriented actions to improve the regional ecosystem by empowering citizens and contributing to a healthier society. Phase 2 concerned the monitoring of the Action Plans' implementation by the European Structural and Investment Funds (ESIF) Managing Authorities targeting the improvement of their regional Policy Instruments (ESIF OPs). Aim was to improve the strategic focus, management, or implementation of new projects of 8 ESIF Policy Instruments (PIs) to positively impact the regional utilization of a total of €22,500,000 for the benefit of the socio-economic sector (citizens & SMEs).

The extension of HoCare project was requested in the framework of IE's 5th Call for proposals to map the response of regional/national policies to the impact of COVID-19 crisis in the subject of the project (delivery of Innovative solutions for Home Care by strengthening quadruple-helix cooperation in regional innovation chains). As a result, the objectives set for this new initiative are:

- to further exchange experiences on the way the crisis impacts the issue addressed and on possible measures to face and recover from the crisis,
- to further improve regional development policies for better facing and faster recovering from this unprecedented situation.

Exchange of experience continues based on the flow of the HoCare project 1st Phase's activities to address the impact of the crisis on the topic of the project. To achieve this, a specific set of activities is planned to be implemented that (among others) includes the preparation of 1 regional report per PP to map the impact of the COVID-19 crisis on the project's subject.

B) OBJECTIVE

Through the present Regional Report information is collected from the region about a) the status of Home Care R&I and b) the status of quadruple-helix cooperation in R&I. The information included in Partners' Regional Reports as well as the identified Regional Good Practices will be the basis of the new exchange of experience process on the way the crisis impacts the issue addressed and on possible measures to face and recover from the crisis. Once again, the objective is to further improve regional development policies for better facing and faster recovering from this unprecedented situation.

C) METHODS / RESOURCES TO COLLECT INFORMATION FOR THE REPORT

- Meetings / Workshops with stakeholders
- Desk research
- Meetings / Workshops with the Managing Authority of your Policy Instrument
- Participation in regional events relevant to the subject
- Relevant recent reports, articles, strategies, or any other relevant document

D) TIPS & RECOMMENDATIONS: HOW TO PROPERLY FILL IN THE REPORT

- ✓ This report is a follow-up on the Regional Situation Analysis Report prepared by your organization during the implementation of the initial HoCare project (accessible at: <https://www.interregeurope.eu/hocare/library/> in the folder entitled: "SEMESTER 2: WP3")
- ✓ Provide information to all questions (in the exceptional case of a not relevant question, or no available information, use "N/A")
- ✓ Be as specific as possible
- ✓ Provide as much quantitative information as possible
- ✓ Use references where required
- ✓ Be sure that the information you use is accurate and qualitative
- ✓ Respect the maximum limit for characters allowed per section
- ✓ The language of this report is English. Specific parts might be required to be filled-in in your national/regional language.

1) POLICY INSTRUMENT¹

Please provide the information required for the Policy Instrument you identified, selected and used in the new HoCare Application Form in the framework of the IE 5th Call for proposals:

Name of the Policy Instrument addressed (in English)	Programme for the EU funds' investments in 2021–2027
Name of the Policy Instrument addressed (in regional language)	Europos Sąjungos fondų investicijų veiksmų programa 2021-2027
Name of the relevant thematic Priority Axis (supporting R&I activities)	1 priority "Smarter Lithuania – Innovative and Smart Economic Transformation"
Specific objectives of the given Priority Axis	<p>In new programming period 1st above-mentioned priority has 4 objectives:</p> <ol style="list-style-type: none"> 1. Enhance research and innovation capacities and the uptake of advanced technologies. This objective foresees such activities: creation of new high value-added products, start-ups acceleration and development, collaborative, contract-based research, international networking, high-value added FDI. 2. Reap the benefits of digitalisation for citizens, companies, and governments. This objective is planned to be achieved implementing such actions: development of digitalisation capacities (inohub, competence centre, innovation centre and etc.), innovative and users friendly public digital services creation and development, cyber security (public sector, SME's) installation and development of interoperability solution in public sector, upscale and accelerate open data, consolidation of the state information resources infrastructure (national indicators). 3. Increase the growth and competitiveness of small and medium-sized enterprises. This objective contains such actions: building of technological capacity in Industry 4.0 areas and in key enabling, participation in cooperation networks and interregional clusters, including Baltic Sea region, investment in nontechnological innovation, SME's internationalisation activities, identifying new export market, supporting of various business financing models, new started firms' creation, acceleration, development and mentoring activities, especially in regions. 4. Develop skills for Smart Specialisation, industrial transition and entrepreneurship. This objective is composed of such activities: SME's and innovation providers training on how to manage innovation, skills on developing and providing R&I ideas and services ; SME's re-skilling, up-skilling in Smart Specialisation, industrial transition, digitalisation,

¹ **Policy instrument:** a means for public intervention. It refers to any policy, strategy, or law developed by public authorities and applied on the ground in order to improve a specific territorial situation. In most cases, financial resources are associated with a policy instrument. However, an instrument can also sometimes refer to a legislative framework with no specific funding. In the context of Interreg Europe, operational programmes for Investment for Growth and Jobs as well as Cooperation Programmes from European Territorial Cooperation are considered to be policy instruments. Beyond EU cohesion policy, local, regional or national public authorities also develop their own policy instruments. <https://www.interregeurope.eu/help/glossary/#index-P>

	productivity areas (including apprenticeship), developing of entrepreneurship in out-of school forms, development of a complete instrument for the international and national comparison of labour market's professional structure.
Geographical Coverage (National, Regional, if other please explain)	National
Managing Authority	Ministry of Economy and Innovation
Is this the same Policy Instrument (PI) your organization addressed during the implementation of the initial HoCare project? (Yes / No)	No
If 'Yes', please explain why you have chosen to still address the same PI? (max. 1000 characters)	n/a
If 'No', please explain why you have chosen to change your PI? (max. 1000 characters)	<p>Taking into account demographic changes, growing regional differences between the Vilnius region and the rest of Lithuania, Covid-19 crisis, we have chosen to work with new Policy Instrument during project implementation. We will focus to transfer and adjust innovative projects identified during additional activities and presented good practices from project partners in other regions connected to HoCare topics. Additionally, we seek to introduce Quadruple-helix approaches, possibly following all thematic sub-objectives of HoCare project.</p> <p>It is envisioned that the project should facilitate drafting new financial measures which are foreseen to be launched in 2022.</p>

2) OTHER RELEVANT POLICY INSTRUMENT

Please provide information about any other relevant existing Policy Instrument(s) in your region (that support Home Care R&I and/or quadruple-helix cooperation)

Name of the Policy Instrument addressed (in English)	Recovery and Resilience Facility (RRF)
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Name of the Policy Instrument addressed (in regional language)	Ekonomikos gaivinimo ir atsparumo didinimo fondas
Name of the relevant thematic Priority Axis (supporting R&I activities)	Resistant to threats and ready for the future challenges; digital transformation for economy growth
Specific objectives of the given Priority Axis	<p>Following an unprecedented crisis due to the pandemic, Lithuania's recovery and resilience plan responds to the urgent need of fostering a strong recovery and making Lithuania ready for the future. The reforms and investments in the plan will help Lithuania become more sustainable, resilient and better prepared for the challenges and opportunities of the green and digital transitions. To this end, the plan consists of 30 measures, covering investments and reforms. They will be supported by € 2.22 billion in grants; 37.8% of the plan will support climate objectives and 31.5% of the plan will foster the digital transition. The transformative impact of Lithuania's plan is the result of a strong combination of reforms and investments which address the specific challenges of Lithuania. The reforms address bottlenecks to lasting and sustainable growth, while investments are targeted to address common European challenges by embracing the green and digital transition, to strengthen economic and social resilience and the cohesion of the Single Market. In particular, Lithuania's plan will accelerate reforms and investments in education as well as healthcare. The plan will also invest in more sustainable power generation and energy storage, promote green mobility, facilitate the 5G rollout and strengthen social protection. All reforms and investments have to be implemented within an ambitious timeframe, as the Regulation on the Recovery and Resilience Facility stipulates that they have to be completed by August 2026.</p> <p>The plan will foster economic growth and create jobs. Digital challenges for Lithuania include the delayed deployment of 5G, a persistent and significant urban-rural digital divide in terms of broadband infrastructure, low levels of digital skills and a lack of ICT specialists, and limited digitalisation and uptake of advanced technologies across the Lithuanian SMEs and start-ups.</p>
Geographical Coverage (National, Regional, if other please explain)	national
Managing Authority	Government, Ministry of Economy and Innovation, Ministry of Education, Science and Sport, other ministries according to the their responsibility areas.
Please explain why this Policy Instrument is relevant to Home Care R&I and/or quadruple-helix cooperation? (max. 1500 characters)	This source foreseen to be used to combat direct covid-related challenges and supported R&D&I in health sector, including home care sector.

*Please copy – paste the table above in case you would like to report any additional PIs

3) THE HOME CARE RESEARCH & INNOVATION ECOSYSTEM

Briefly describe the ecosystem in Home Care R&I in your region including the most significant main actors, infrastructure, resources, available public / private supporting services, networks, platforms and events) (max. 5000 characters)

There are two main institutions involved in and related to R&I policy development level. The Ministry of Education, Science and Sport (MoESS) is mainly responsible for the policy development in research excellence in the public sciences area, highly skilled human resources for R&D, etc. The Ministry of Economy and Innovation (MoEI) is the principal institution involved in modelling policy for the promotion of innovation and business development. MoEI coordinates the establishment and the operations of innovation support organisations such as innovation centres, science and technology parks, business incubators, centres of excellence.

In their responsibilities for specific policy domains, other ministries are also active in sector-specific R&D policies. Ministry of Social Security and Labour basically does not play any role in promoting innovative home care solutions and the main aim is to ensure social policies implementing. R&D policy implementation at programme level happens via different agencies that are coordinated solely by one ministry or by few ministries jointly. The European Social Fund Agency (ESFA) administers EU Social Fund aid and implements measures in the development of human resources for science, technology and industry. Lithuanian Business Support Agency (LVPA) administrates the funds of European Union which are allocated to business support programmes, including innovation and R&D in the business sector. During the last years, considerably higher role in implementation of R&D policy is played by Investment and Business Guarantee Institution (INVEGA). This institution implements and administers financial and other support measures for small and medium businesses. The Agency for Science, Innovation and Technology (MITA) is responsible for fostering business and science cooperation and to create a friendly environment for business needs and innovation. This institution administers several measures and programmes aimed at innovation and especially R&D collaboration, for instance Industrial Biotechnologies Development Programme and the High Technologies Development Programme.

Regionally 9 science and technology parks offer favourable infrastructure for the establishment of new innovative businesses in Lithuania and serve as a convenient space for business enterprises, scientists and students to combine their knowledge, experience and ideas, and lead to the development of innovations as well as initiating and implementing numerous business projects. None of the parks does not specializes in the field of health protection or home care.

In the field of health protection significant knowledge and innovation creation and broadcast to the medical practice is performed by medical institutions. Research is strongly developed at the Vilnius University, Lithuanian Health Science University and Kaunas Clinics. Open Access Centres (APC) enables availability of cutting-edge R&D equipment to scientists, researchers and students, as well as to the private sector. The establishment of such APC's is aimed at ensuring the availability of the R&D infrastructure developed in the valleys to both the university or research institute to which it belongs, and to other interested users. APC's facilitate co-operation between Lithuanian and foreign scientists, trainees, students, and researchers who work for businesses.

There are two sciences and business centers in Lithuania. Santara is a medical and biotechnology cluster of business, science and education institutions located in Vilnius. Santara is a competence centre within the following science and technology areas: Biotechnology and biopharmaceutical; Innovative medicine technologies; Molecular medicine and biopharmaceuticals; Ecosystems and sustainable Development. **Santaka** is a national open access R&D centre, concentrating in one territory science and studies potential of the following most promising areas: sustainable chemistry and biopharmacy, future energy, mechatronics, information and communication technologies. Santaka hosts modern medical technology and pharmaceutical laboratories, which employ highly-skilled Lithuanian and foreign scientists conducting

research in medical, pharmaceutical and biopharmaceutical fields. R&D collaboration areas position the center as a driver and important player life sciences among others: tissue engineering – tissue engineering of heart valves and cartilage, diagnostic medical devices trials, personalised medicine, technologies for early diagnostics of gastrointestinal cancer, development of new innovative means and methods for early diagnostics of Alzheimer’s disease, investigation of molecular mechanisms of ischemic and pharmacological preconditioning in brain and heart in order to develop.

What are the main changes/improvements in relation to what was described in the Regional Situation Analysis prepared in the framework of the initial HoCare project’s implementation? (max. 3000 characters)

The fragmentation of innovation ecosystem landscape was a long-standing concern in Lithuania. In spring 2021, the New Generation Lithuania – Economic Recovery and Resilience Measure 2021-26 - was adopted and submitted to the European Commission. The RRP has seven focus areas (components), including the one that addresses the innovation agenda (“innovation and science”). Building on the NPP and Government Programme, the RRP announces the establishment of an Innovation Agency combining functions of former agencies: the Science, Innovation and Technology Agency (MITA), Enterprise Lithuania and the Lithuanian Business Support Agency (LVPA). Besides, the Innovation Promotion Fund is planned to be expanded, and a network of science officers to be established to strengthen relevant expertise in the ministries, cooperation between the public authorities, and communication with the science and business sectors on matters of STI.

The ongoing reform of the creation of a unified Innovation Agency is an opportunity to bring about a more effective and efficient agency system for innovation and science. The consolidation of innovation promotion functions in a single agency will help to provide a one-stop shop for businesses. A coherent, systematic and clear business support system will allow businesses to access all the services they need – from advice to support for the development of new innovative products – in one place. The Innovation Agency will implement and administer key measures to stimulate innovation activities, including expert and consultancy assistance, access to funding, support tool coordination, the development of infrastructure, etc. The Agency will cover innovation, start-up development, business and science partnership, innovation in the public sector, as well as general business development (business establishment, development, export). The Innovation Agency is starting to operate in May, 2022. The Innovation Agency will take the legal form of a public body. It will be directly subordinated to the Ministry of the Economy and Innovation.

Which of these changes/improvements can be identified as an impact of the COVID-19 crisis or as measures the region applied to face and recover from the crisis? (max. 3000 characters)

The pandemic has highlighted the need for companies to become more competitive and the need of digitalization of provided services has become obviously important. In the face of the crisis, Lithuania’s ability to apply new measures in various areas of life and business and to create innovative solutions to the world’s problems has been revealed. During the pandemic more and more Lithuanian businesses have taken up unused opportunities to trade online. It was stated nationally that digitalisation of business has to be increased. For this purpose, f.e. the website of the Lithuanian Business Support Agency “Versli Lietuva” has gathered in one place all the necessary information for SMEs to start trading online. Many companies took a possibility to use financial support measure for digitalization of their services. In the context of digital transformation of companies, the need to establish a single innovation agency in order to have all the necessary information and assistance for companies in one place could be considered as an impact of the pandemic on the innovation ecosystem.

4) MAIN REGIONAL ACTORS OF THE QUADRUPLE HELIX MODEL IN HOME CARE R&I

Please provide information about the main formal and informal providers, businesses & business supporting actors, research and public institutions acting in the sector of home health care in your region.

a) Citizens / users helix

Main formal + informal providers of healthcare, elderly care recipients / associations in Home Care R&I (Please list at least 6)		
Name (+ in local language in brackets)	Website	Description of objectives and main activities (max. 500 characters per line)
The National Institute for Social Integration (Nacionalinis socialinės integracijos institutas)	http://zmogui.lt/	This organization creates and applies social innovations, which supports the integration of the persons from various socially vulnerable groups within the manifold society. The National Institute for Social Integration is the most known in the field of Home Care because of innovative mobility program of disabled people „Social taxi“, which they created. This service allows people with disabilities to become more mobile and more independent in a daily activity.
Lithuanian Disability Forum (Lietuvos neįgaliųjų forumas)	http://lnf.lt/	Lithuanian Disability Forum represents the interests of people with disabilities in policy decisions and monitor, analyze and present their position to the public. Forum seeks, that peoples with disabilities isolation policy would be changed to their empowerment and encouragement to participate in all areas of social life.
Lithuanian organization of nursing specialists (Lietuvos slaugos specialistų organizacija)	http://www.lso.lt/www/	The aim of the organization is to join and to represent nurses, working in Lithuania, as well as those, who are directly or indirectly related to nursing education and practice. Organization activities include the development of nursing science, researches, research-based competency and practices.
Vilnius University Hospital Santariskiu Clinics (Vilniaus universiteto Santariškių klinikos)	http://www.santa.lt/	The activities of the Santariskiu Clinics encompasses practical and scientific medicine, education, continuing professional training. The Clinics owns 31 study and research centres. Innovative solutions, needs and possibilities of home care are being investigated here.
PI „Vilties ziedas“	http://www.viltiesziedas.lt/	The mission of the organization is the integration of disabled people into society.; training of the unemployed, analysis of their demands and problems.

*Please add new lines in case you would like to report any additional actors

b) Business helix

Main businesses and business' supporting actors in Home Care R&I? (Please list at least 6)		
Name (+ in local language in brackets)	Website	Description of innovative solutions provided in the field (max. 500 characters per line)
Lithuanian Innovation Centre	www.lic.lt	Consultation and support for companies, including those working in the homecare sector.
Open R&D centres	www.openlithuania.com	Open R&D Lithuania network is a newly launched platform of cooperation between open access R&D centres / laboratories of 12 Lithuanian Universities, 13 Public Research Institutes as well as 7 Science and Technology parks. All these institutions unite their high-level R&D intellectual potential, infrastructure and resources in order to provide scientifically based solutions to the problems raised by business and society.
INVEGA	http://invega.lt/	INVEGA mission is to promote the growth and competitiveness of Lithuanian businesses by being an active partner in innovative business financing. Main activities of INVEGA are providing individual and portfolio guarantees for innovative business companies; implementing the risk capital investment measures; compensating a part of interest; performing an intermediate institution functions in EU structural funds management and control system administration area.
Innovation Agency	www.innovationagency.lt	Innovation Agency Lithuania is the official public agency responsible for the development of Lithuanian innovation ecosystem and the promotion of innovation at all stages of business development – from developing ideas to delivering products and services to end-users. It supports SMEs establishment, provides business-partner search services, organize trade missions, consults on regulations, requirements, facilitates and develops high value-added industries and ecosystems.

c) Research helix

Main research actors in Home Care R&I? (Please list at least 6)		
Name (+ in local language in brackets)	Website	Description of relevant research activities (max. 500 characters per line)
Kaunas university of technology (Kauno technologijos universitetas)	http://ktu.edu/	Kaunas university of technology (KTU) traditionally engages in research of physical, technological and social sciences, and experimental development, while researches of biomedical sciences and humanities are also promoted. One of the excellent research activities done in a Home Care field was a prototype of innovative wireless multi-sensory system for the registration of physiological and biomechanical parameters creation and description.
Vytautas Magnus University (Vytauto Didžiojo universitetas)	http://www.vdu.lt/	An exceptional feature of the Vytautas Magnus University (VDU) is the formation of education and research clusters. VDU concentrates 39 science and research clusters, many of which are assigned to the biomedical and physical sciences, where the models of R&D are applied. Also clusters investigate and analyze the innovative solutions in a Home Care field.
Lithuanian university of health sciences (Lietuvos sveikatos mokslų universitetas)	http://www.lsmuni.lt/	Lithuanian university of health sciences is the only university in Lithuania, which act exclusively in the field of health. University prepares biomedical professionals, and carries the highest level of scientific research. University has a science centre, which organizes and coordinates the scientific activity of the university in creation and development of innovations solutions in human health, Home Care and other fields, where biomedical fundamental and applied researches are carried out
Vilnius University (Vilniaus universitetas)	http://www.vu.lt/	Vilnius university is the biggest and the oldest institution of science and studies in Lithuania. University carries out researches in various scientific fields. It has 5 study and Research centres, where researches and activities in a Home Care and many other fields are carried out. Also University has a Science and Innovation Directorate, which is responsible for cooperation with the business in a research and innovation field.
Social Innovation Institute (Socialinių inovacijų institutas)	http://www.sii.lt/	Public Institution Social Innovation Institute is an independent organization engaged in social sciences and applied social research, implementing projects in the social, educational

		and scientific policy and scientific communication fields, providing services and solutions to public policy makers and practitioners, non-governmental organizations and businesses. The institute seeks to contribute to the groups of people, who have fewer opportunities social intergration into society.
Lithuanian Social Research Centre (Socialinių tyrimų centras)	http://www.lstc.lt/	Lithuanian Social Research Centre is a public research institute, which carry out for the state, society, international cooperation or economic entities important long-term research and experimental (social, cultural) development. Institute analyze the socio-economic, political and demographic processes to the new knowledge-based solutions, public policy, justification of measures, assessment of the consequences and the strengthen of scientific and social cohesion.

d) Public institutions / government helix

Main public actors in Home Care R&I (Please list at least 6)		
Name (+ in local language in brackets)	Website	Description of relevant activities (max. 500 characters per line)
Ministry of Economy and Innovation of the Republic of Lithuania (Lietuvos Respublikos ekonomikos ir inovacijų ministerija)	http://ukmin.lrv.lt/	The ministry is responsible for the development of a national innovation system through creating a favorable environment for the development of new products and processes in the business; coordinating the development and expansion of an innovation support infrastructure, participating in the development of national research and development policies; implementing innovation development programs, initiating measures to encourage innovation, information, management capacity building
Ministry of social security and labour (LR Lietuvos socialinės apsaugos ir darbo ministerija)	http://www.socmin.lt/	The operational objectives of Ministry are to form the policy of social integration, organize, coordinate and monitor its implementation. The ministry also organizes the monitoring of occupational safety and health status; analyzes and evaluate the state of social services, analyzes the needs of social workers and their assistants to raise professional qualification, organizes social workers attestation; organizes the implementation of social integration mechanism for people with disabilities.
The Department for the Affairs of Disabled under the Ministry of Social Security and	www.ndt.lty	The mission of The Department for the Affairs of Disabled under the Ministry of Social Security and Labour is to plan, organize and coordinate the policy measures implementation of disabled, in

Labour (Neįgaliųjų reikalų departamentas prie socialinės apsaugos ir darbo ministerijos)		order to allow disabled people equal rights and opportunities to participate in social life. The goal of the department is to ensure social integration of people with disabilities by implementing different social programs, projects and policies.
Ministry of Health of the Republic of Lithuania	www.sam.lrv.lt	Ministry, carries out State administration functions established by the laws and other legal acts in the health care sector, and implements State policy in the health care sector. Mission is to form and implement health policy that ensures public health, high quality health promotion activities, and rational use of resources.
Social services centres		Social service centres are operating under each municipality and are responsible for providing social services to elderly and physically handicapped people at home, at the day care centre and to other people, who have social problems.
Social Services Supervision Department under the Ministry of Social Security and Labour	https://sppd.lrv.lt	Institution is responsible for control of social care quality and licensing; management of social programmes, instruments and projects; certification of social workers, organization of professional skills improvement for social workers and personal care staff.

Briefly describe the main changes to the main actors' synthesis in relation to what was described in the Regional Situation Analysis prepared in the framework of the initial HoCare project's implementation and their relevance to the COVID-19 crisis impact (max. 2000 characters)

Main changes in relation to the initial HoCare project among main QH actors:

- changes in innovation ecosystem then one agency is established;
- active digitalization among SMEs;
- R&D activities in health ICT sector increased;
- establishment of Digital Innovation Hubs providing digital services for SMEs.

5) MAIN INNOVATIVE REGIONAL PROJECTS / RESEARCH INITIATIVES IN THE SECTOR OF HOME HEALTH CARE

Please provide information about significant projects or research initiatives in Home Care R&I implemented in the last two years (2020-2021). Please give emphasis to projects / research actions initiated as an impact of the COVID-19 crisis or as a response to face and recover from the pandemic's unprecedented situation.

Name of the Project / Research Initiative	Financial measure – e.commercial model covid-19
Short description (main objectives, main actions) (max. 1000 characters)	To implement commercial models for SMEs by reorienting and digitizing processes through: customer self-service solutions for e-commerce platforms for products and services, including production and service order management solutions, and / or resource management system integration solutions for e-commerce platforms for products and services.
Participating Organizations	SMEs
Does the Project / Research Initiative promote the Quadruple-Helix Approach? If yes, please explain how. (max. 1000 characters)	No, this initiative is for SMEs only
Total budget and source of funding	40 mln. EUR
Main results of the activities (max. 1000 characters)	Under this call 1187 applications were funded. This means that 1187 companies have started using online platform, e-shop or other digital services for their clients.
Website / Link or contact details for more information	E-komercijos modelis COVID-19 Ekonomikos ir inovacijų ministerija (lrv.lt)
Please explain the relevance of this Project / Research Initiative with the impact of the COVID-19 crisis (max. 1000 characters)	This call was based on the need raised during pandemic to provide services online.

Name of the Project / Research Initiative	Financial measure - Covid-19 products development
Short description (main objectives, main actions) (max. 1000 characters)	The aim of this call is foster investments into development of products needed to combat covid-19
Participating Organizations	business
Does the Project / Research Initiative promote the Quadruple-	No, this initiative is for SMEs

Helix Approach? If yes, please explain how. (max. 1000 characters)	
Total budget and source of funding	31 mln. EUROS
Main results of the activities (max. 1000 characters)	53 applications were financed and with the financial support SMES have developed a lot of products needed during pandemic: disinfectants, masks, diagnostic tests, etc. development.
Website / Link or contact details for more information	COVID-19 produktai Ekonomikos ir inovacijų ministerija (lrv.lt)
Please explain the relevance of this Project / Research Initiative with the impact of the COVID-19 crisis (max. 1000 characters)	Activities financed under of this call are directly related to covid issues: medical products (including vaccines) and treatments, their intermediates, active pharmaceutical ingredients and raw materials manufacture of medical devices, hospitals and medical supplies (including ventilators, protective clothing and equipment, as well as diagnostic equipment) and necessary raw materials; production of disinfectants and their intermediates and chemical raw materials necessary for their production; production of data collection and / or processing tools to combat COVID-19.

Name of the Project / Research Initiative	Financial measure- creative vouchers covid-19
Short description (main objectives, main actions) (max. 1000 characters)	The aim of this call is support SMEs operating in creative industries sector to introduce innovations or to update their product or services.
Participating Organizations	SMEs
Does the Project / Research Initiative promote the Quadruple-Helix Approach? If yes, please explain how. (max. 1000 characters)	No, this initiative is for SMEs
Total budget and source of funding	7 mln. EUROS
Main results of the activities (max. 1000 characters)	Under this call 144 applications were funded. 144 companies operating in creative and cultural industries have received financial support to innovate their services and products. This sector was one of those who have biggest negative impact of pandemic, so this financial measure has provided a financial support to update their services and products and to increase their visibility by marketing activities which were also funded.
Website / Link or contact details for more information	Kūrybiniai čekiai COVID-19 Ekonomikos ir inovacijų ministerija (lrv.lt)
Please explain the relevance of this Project / Research Initiative with the impact of the COVID-	As pandemic situation has the biggest negative impact on creative and cultural industries sector, this financial measure was dedicated to support this sector and to help them in time of crisis.

19 crisis (max. 1000 characters)	
Name of the Project / Research Initiative	Financial measure- R&D&I activities related to covid-19
Short description (main objectives, main actions) (max. 1000 characters)	The aim of this call is to encourage R&D activities within companies related to covid-19 challenges.
Participating Organizations	SMEs
Does the Project / Research Initiative promote the Quadruple-Helix Approach? If yes, please explain how. (max. 1000 characters)	No, this initiative is for SMEs
Total budget and source of funding	30 mln. EUROS
Main results of the activities (max. 1000 characters)	Under this call 45 applications were funded.
Website / Link or contact details for more information	COVID-19 MTEP tyrimai Ekonomikos ir inovacijų ministerija (lv.lt)
Please explain the relevance of this Project / Research Initiative with the impact of the COVID-19 crisis (max. 1000 characters)	Covid-19 related R&D and certification of new products and technologies.

Name of the Project / Research Initiative	Project – Corona stop
Short description (main objectives, main actions) (max. 1000 characters)	This is internet website and mobile phone app where all information related to pandemic is provided and is updated on daily basis.
Participating Organizations	All QPs
Does the Project / Research Initiative promote the Quadruple-Helix Approach? If yes, please explain how. (max. 1000 characters)	Yes, this initiative promotes QH approach. It was developed by the order of Government and the Ministry of Health at the beginning of pandemic. Started with the general information about the pandemic situation in the country and inviting people who were infected with virus to register themselves here for the record, within two years in became a platform used by all QHs actors both in Lithuanian and English and provide all available information which is relevant for all QH actors, f.e. business can find all latest requirements and restrictions regarding their operational conditions, citizens can register to vaccination, to testing, get a consultation, to see how mane cases are registered, etc. Everyone can find travel information here as well.
Total budget and source of funding	National budget
Main results of the activities (max. 1000 characters)	The result is a very comprehensive information related covid issues available in one place which is updated on daily basis.

Website / Link or contact details for more information	www.koronastop.lrv.lt
Please explain the relevance of this Project / Research Initiative with the impact of the COVID-19 crisis (max. 1000 characters)	This initiative is a direct output of the pandemic as all information available is directly related to covid-19 issues

6) EXPECTED RESULTS FROM THE EXCHANGE OF EXPERIENCE PROCESS WITH THE HOCARE PARTNERSHIP

Please provide information about potential improvements you would suggest for your Policy Instrument. What kind of information (Management of the Policy Instrument methods, Strategic Focus of the Policy Instrument or New Projects to be implemented through financing from the Policy Instrument) would you be interested to learn from the other HoCare participating regions? (max. 5000)

New investment programmes under mentioned priority and implementation plans are being drafted under the New OP 2020-2027. HoCare project activities are in line with drafting new initiatives related to homecare sector. HoCare project regions presenting their good practices would be a source of inspiration for new projects, new calls development as well as the improvement of requirements for funding requirements.

7) OTHER INFORMATION

Please provide any further information you consider relevant to this report (max. 5000 characters)

8) AUTHOR

The information included in this report is provided in the framework of the HoCare project's additional activities implemented under the Interreg Europe 5th Call for proposals.

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Region	Lithuania
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