

# Action Plan

Friuli Venezia Giulia Region

Central Directorate for Employment, Training,  
Education, Research, Universities and Family  
Affairs

Trieste, 24 March 2020

Disclaimer: this is the final clean version of the plan approved by the Region

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## Part I – General information

Project: ITHACA - Innovation in Health and Care for All

Partner organisation: PP4 - Central Directorate for Employment, Training, Education, Research, Universities and Family Affairs Friuli Venezia Giulia Autonomous Region

Other partner organisations involved (if relevant): Autonom'Lab Nouvelle Aquitaine (France)

Country: Italy

NUTS2 region: Friuli Venezia Giulia Region

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phone number: +393384939699

## Part II – Policy context

The Action Plan aims to impact:

X	Investment for Growth and Jobs programme
<input type="checkbox"/>	European Territorial Cooperation programme
X	Other regional development policy instrument

Name of the policy instrument addressed:

1. ERDF Regional Operational Programme 2014 - 2020 - Smart health Area
2. ESF Regional Operational Programme 2014 - 2020
2. Regional Law no. 22 of November 14, 2014 ‘Promotion of active ageing’

### Overview of the Policy context



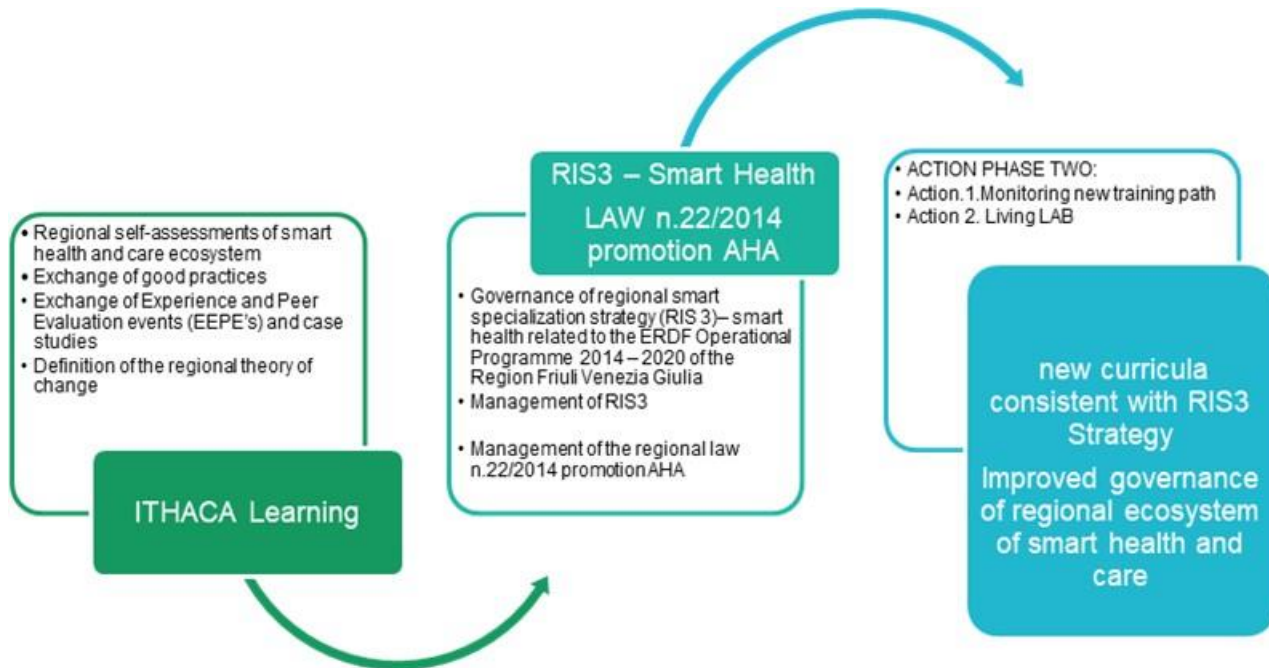
#### Friuli Venezia Giulia Region (2018)

- General population: n. **1.216.853**
- Average age 47,3 years (Italy 45,2)
- Old-age index 213% (Italy 169)
- Dependency index 41,9%
- population growth -2,5 ‰
- 33,4% over 65 years
- 15,3% over 80 years

Figure n.1 Data on ageing in the Friuli Venezia Giulia Region

The **health sector** represents one of the Areas of the Smart Specialization Strategy (RIS3) of the Friuli Venezia Giulia Region (FVG), defined by the Regional Administration after the **Entrepreneurial Discovery Process (EDP)**.

In particular, Friuli Venezia Giulia Region, in its latest ERDF Operational Programme 2014 – 2020, allocated around 20 M € in the “Smart health” AREA for projects developed in partnership between industries and public research groups. Considering the relevance of ageing challenge in Friuli Venezia Giulia Region, the Regional Government adopted an integrated Ageing strategy, based on the Regional Law no. 22 of November 14, 2014 ‘Promotion of active ageing’ and implemented by means of regional, national and European funds.



**Figure.2 Relation between ITHACA Learning, regional Strategies and envisaged Impacts of the Action plan.**

### Action Plan envisaged IMPACT

According Figure n.2 the ITHACA Action plan will impact on:

- As regards the ERDF Operational Programme 2014 – 2020 of the Region Friuli Venezia Giulia:
  - Governance of regional innovation strategy (RIS 3)– “Smart Health” area to ensure the set up of a quadruple helix ecosystem
  - Management of regional innovation strategy (RIS 3)– “Smart Health” area: we would like to influence the revision process of the Strategy, stressing the priorities and needs arising from the project’s learning activities
  - Development of new curricula consistent with RIS 3 strategy - Smart health Area
- As regards the Regional Law no. 22 of November 14, 2014 ‘Promotion of active ageing’, we would like to improve the involvement of citizens and civil society by the set up of a governance involving all the actors envisaged in art.4 of the law.

## Part III – Details of the actions envisaged

### The background

Policy learning within the ITHACA project occurs on all levels. On the micro- (individuals), meso- (organizations) and

macro-level (system).

In a policy process that will last five years in total, ITHACA partners are using proven policy enhancement methodologies of single loop learning and interregional co-design to improve programmes and policies combined with reflexive learning to improve mutual learning performance and impact on regional action plan development for policy improvement.<sup>1</sup>

During the first phase of the project the following learning activities have been carried out:

- Self assessment of the smart health ecosystems
- Stakeholder Meetings
- Exchange of good practices
- Exchange of Experience and Peer Evaluation events (EEPE's) and case studies
- Peer assessment

### **Action 1 NEW PROFESSIONAL PROFILES ON AMBIENT ASSISTED LIVING TO SUPPORT DOMICILIARY CARE - (POLICY CHANGE ALREADY APPROVED IN PHASE 1)**

- **Relevance to the project** (*please describe how this action derives from the project and in particular from the interregional exchange of experience. Where does the inspiration for this action come from?*)

As part of the regional healthcare and social policies, the Regional Administration has invested in policies for the active promotion of home care, by taking steps to strengthen social and healthcare services at home, to create integrated care procedures guaranteeing the continuity of care between the hospital and the Territory. In general, the issue of improving the quality of life of the elderly or of people with disabilities, along with active aging, represent one challenge that the Region since 2007 has been translating into practical actions, both in terms of support for research and innovation, and in terms of services related to healthcare and welfare.

As regards companies, considering the fact that Friuli Venezia Giulia is one of the oldest regions in Italy one of the main challenge pointed out in the regional smart specialization strategy is delocalization outside the Region as possible consequence of the difficulty of finding skilled human resources.

To prevent delocalization the Region foresaw to support the development of new vocational training consistent with the regional RIS3 - Smart Health Area funded by the Regional Operational Program - ESF 2014 – 2020.

In the ITHACA project proposal the Region envisaged to influence by means of the Learning achieved in phase 1., the promotion of innovative professional profiles through new curricula and vocational training consistent with the regional RIS3 - Smart Health Area.

To design Action n.1 we have been inspired and we based our planning on: the report “Survey results for regional meetings” made by the ITHACA Partner University of Ljubljana pointing out the results of the self assessment on the regional Smart Health Ecosystem launched in the context of the ITHACA project in December 2017: stakeholders pointed out that the regional policy framework provides a lead for legitimating setting-up and implementing initiatives in the fields of smart health and care solutions and influences funding decisions to support initiatives in these fields providing guidelines and

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<sup>1</sup> Rif. ITHACA Framework Strategy.

legal framework to help the private and public sectors work together to create new products and services. Moreover, as regards regional policy makers, regional stakeholder recognize they engage themselves in an inclusive strategy on smart health and care that encourages commitment and push innovation; considering the innovation cycle the Survey confirms the high level of basic research, technology research and development phase. Coming to needs and expectations regional actors mentioned: need of involvement of citizens and third sector organizations in innovation partnerships; need of awareness on the role of the Cluster on SMART HEALTH among stakeholders; need of coordination and supportive services to develop integrated actions in particular those related to support on legal aspects and bureaucratic simplifications; need of tendering rules enabling a real opportunity to act in smart health and active ageing domains for end users (citizens, families, caregivers); **need of advanced technical and technological competencies in smart health sector to support domiciliary care.**

**STEP 1 - 2018 /2019**

This step was carried out in 2018 and it consisted of:

- **Information of competent regional authority on the results of the self assessment on the regional Smart Health Ecosystem conducted in the context of the ITHACA project**

The results of the self assessment on the regional Smart Health Ecosystem were communicated to Managing Authority of the Regional Operational Program - ESF 2014 – 2020 for Friuli Venezia Giulia Region in February 2018

- **Influence on the proposal of new vocational training paths consistent with the regional RIRIS3 - Smart Health Area**

Taking into account the results of the ITHACA S.A. Tool, the Region proposed on May 2018, to insert in the context of new innovative paths related to the national initiative »Industry 4.0«, for the biennium 2018/2020, a new course »Tecnico One Health CARE« managed by the Higher Technical Institute for New Technologies of Life A.Volta. Through this course the Region aimed at creating a new professional profile able to merge competencies related to the health care organization and the management of technological devices supporting domiciliary care. Indeed the 4.0 paradigm can significantly enhance the healthcare system as well as the creation of more efficient, flexible and personalized environments.

**Facts and figures - »Tecnico One Health CARE«(TOHC TRAINING PATH»**

<b>Total cost</b>	<b>ROP ESF 2014 – 2020</b>	<b>National funds(L.205/2017)</b>	<b>ITS A. Volta Co - financing</b>
340.335,00 Euro	149.704,85 Euro	160.000,00 Euro	30.630,15 Euro

The course in the year 2018 - 2019 involved 25 students and developed training paths focusing on:

- Organization and Management of health services
- Ambient assisted living to support domiciliary care
- Privacy and data security
- Management of devices and software for home care

- Technologies for the collection, transmission and management of clinical data
- **Nature of the action** *(please describe precisely the content of action 1. What are the specific activities to be implemented?)*

ACTION TO BE IMPLEMENTED IN PHASE 2 (2020 – 2021)

**MONITORING the impacts at regional level of the Tecnico One Health CARE«TOHC TRAINING PATH»**

This action will aim at:

1. ensure the consistency of the Tecnico One Health Care Training Path - TOHC (in particular the plans of the training carried out in the Company) with the expected impacts of the ITHACA project, such as: 1. senior citizens, thanks to the adoption of healthy lifestyles and the use of new technologies that support autonomy, are supported to stay at home longer and can actively participate in community life; 2. the economy grows as a result of increased public and private demand for care and health-related products and services that meet real needs; 3. regional strategies and policies relating to healthy and active ageing and smart health and care are improved through the involvement of citizens and civil society;
2. ensure the consistency of the One Health Care Technical Training Course - TOHC (in particular of the approved training plans with respect to the Ris3).

The running of the course »Tecnico One Health CARE« is ongoing, however the contents of training plans adopted during the internships organized in 2020 by the Higher Technical Institute for New Technologies of Life A.Volta along with the regional enterprises could be improved taking into consideration the ITHACA learnings.

The Regional Central Directorate for Employment, Training, Education and Family Affairs along with the Central Directorate for Health, Social Policies & Disability are working to make this Course really respondent to the needs of regional stakeholders and end users.

Evaluating this course will improve the regional understanding on how the European regional development funding (ERDF) and European social funding (ESF) can support both **skill improvement and capacity building in enterprises**.

**Activity 1 - Definition of the monitoring methodology**

**1.1 – Creation of the multidisciplinary group**

**1.2 – Definition of the monitoring methodology**

At the beginning of 2020, a specific monitoring methodology will be defined in order to ensure the consistency of the course to the RIS3 strategy and the ITHACA ecosystem approach. The monitoring methodology will include both desk analysis and qualitative participatory research tools (focus groups) with a logic frame of rounds of analysis and meetings for a work that will permit to set the methods consistent to the goal of the activity and to receive the added value of the stakeholders involvement. The definition of the monitoring methodology will encompass the main regional stakeholders involved in this action:

- the Institute for higher education »A.Volta« - to understand the level of participation to the course, the feedback of students on proposed training and the number of participants that after the course find a job in the sector;

- Friuli Venezia Giulia Region - Central Directorate for Employment, Training, Education and Family Affairs acting through the Lifelong learning and European Social Fund Office, the Resource Centre for vocational guidance and high education and the Advanced Training and Research Office;
- Friuli Venezia Giulia Region - Central Directorate for Health, Social Policies & Disability;
- Participants of the Course;
- Enterprises.

### **1.3 – Reporting and Communication**

The monitoring methodology will be presented during the first SM.

#### **Output**

1. Monitoring methodology

### **Activity 2. Monitoring of the training path »Tecnico One Health CARE«**

The activity 2 will start in January 2020 and will end April 2021.

This activity encompasses two subjects:

- Course “Tecnico ONE HEALTH CARE” year 2018/2019
- Course “Tecnico ONE HEALTH CARE” year 2019/2020

#### **2.1 – Monitoring of the Course “Tecnico ONE HEALTH CARE” year 2018/2019**

As regards the Course “Tecnico ONE HEALTH CARE” year 2018/2019, the aim of the monitoring carried out in 2020 is:

- measure the consistency of the training plans adopted during the internships with RIS3 strategy and ITHACA Learnings;
- analyze the satisfaction of SMEs and companies involved
- analyze the satisfaction of participants;
- assess the results in terms of job placement of participants

2.1.1 - Desk Analysis

2.1.2 - Qualitative participatory research tools (focus groups)

Based on the results of the monitoring of the Course “Tecnico ONE HEALTH CARE” year 2018/2019, a set of recommendations that shall impact on the internship training plans envisaged in 2020 will be delivered by the multidisciplinary group in charge of developing the action

#### **Output**

- 1.Reccomendations for improving the contents of the internship training plans.
2. Monitoring Report on TOCH training path

#### **2.2 – Monitoring Course “Tecnico ONE HEALTH CARE” year 2019/2020**



As regards the Course “Tecnico ONE HEALTH CARE” year 2019/2020, the aim of the monitoring carried out in 2021 is:

- measure the consistency of the training plans adopted during the internships with the recommendations of the multidisciplinary group in charge of developing the action;
- analyze the satisfaction of SMEs and companies involved
- analyze the satisfaction of participants;
- assess the results in terms of job placement of participants;

2.2.1 - Desk Analysis

2.2.2 - Qualitative participatory research tools (focus groups)

### **Output**

1 Update of the Monitoring Report on TOCH training path

### **2.3 Assessment of the COURSE with reference to the Industry 4.0 Initiative.**

The whole Course “Tecnico ONE HEALTH CARE” will be evaluated in terms of its capacity of responding to the principles of the Industry 4.0 Initiative.

### **Output**

1. Report on evaluation related to the Industry 4.0 Initiative.

### **Activity 3. Knowledge sharing and course update**

The activity will permit to share the results and content of the course with the actors of the regional ecosystem of Smart Health and to fine tune the content of the future sessions of the course to the emerging needs of the regional stakeholders in order to strengthen the regional collaboration in a framework of ecosystem approach.

The activities will be divided in two part:

- 3.1 knowledge sharing and participatory assessment of the course (focus group methodology during the regional stakeholders meetings envisaged in years 2020-2021)
- 3.2 update of the content of the course for future sessions

### **Output**

- Report on course assessment (emerging needs assessment) and updated course plan

### **Indicators**

- **number of paths consistent with RIS 3 - Smart health developed**  
envisaged:1
- **number of participants**

envisaged: 20 -30

- **number of participants employed in the sector**

envisaged: 12-20

**Players involved**

**A multidisciplinary group will be entrusted of the implementation of Action 1; the group will encompass**

- the ESF Managing Authority of Friuli Venezia Giulia Region – with the role of financing new paths consistent with regional RIS 3 Strategy – The Managing authority received the report on the results of the S.A. on the smart health ecosystem
- Friuli Venezia Giulia Region - Central Directorate for Employment, Training, Education, Research, Universities and Family Affairs acting through the Lifelong learning and European Social Fund Office, the Stable structure for educational orientation area Giuliana and the Advanced Training and Research Office.
- Friuli Venezia Giulia Region - Central Directorate for Health, Social Policies & Disability
- the Higher Technical Institute for New Technologies of Life A.Volta running the training path
- enterprises hosting the internships

**Timeframe**

	2020												2021					
Attività	MESE...1...	MESE...2...	MESE...3	MESE...4	MESE...5	MESE...6	MESE...7	MESE...8	MESE...9	MESE...10	MESE...11	MESE...12	MESE...1...	MESE...2...	MESE...3	MESE...4	MESE...5	MESE...6
<b>Activity 1.</b>																		
1.1 Multidisciplinary group	Yellow																	
1.2 Monitoring methodology	Orange	Orange																
1.3 Reporting	Blue	Blue	Blue	Blue														
<b>Activity 2</b>																		
2.1 Monitoring TOHC 18-19				Cyan	Cyan	Cyan	Cyan	Cyan	Cyan									
2.2 Monitoring TOHC 19-20					Green	Green	Green	Green	Green	Green								
2.3 Assessment (Industry 4.0)					Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue						
<b>Activity 3</b>																		
3.1 Participatory assessment				Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green			
3.2 Course update									Dark Green	Dark Green	Dark Green							

**Costs**

All cost/resources related with the implementation of this action are covered by the Public and Private Institutions involved

in the delivery of each action. The main costs are related to the staff involved. In fact, we estimate that the following people are needed to implement the action:

- STAFF of the Higher Technical Institute for New Technologies of Life A.Volta (Participatory Foundation) **8 working days during the activities mentioned in the action (from 1 January 2020 to 30 June 2021)**

STAFF of the Friuli Venezia Giulia Region - Stable structure for educational orientation area Giuliana **2 working days during the activities mentioned in the action (from 1 January 2020 to 30 June 2021);**

- STAFF of the Friuli Venezia Giulia Region - Advanced Training and Research Office- Region FVG **4 working days during the activities mentioned in the action (from 1 January 2020 to 30 June 2021);**
- STAFF of the Friuli Venezia Giulia Region - Lifelong learning staff and European Social Fund Office **6 working days during the activities mentioned in the action (from 1 January 2020 to 30 June 2021);**
- STAFF of the Friuli Venezia Giulia Region - Central Directorate for Health, Social Policies & Disability - **2 working days during the activities mentioned in the action (from 1 January 2020 to 30 June 2021);**

Total 22 working days estimated budget Euro 6.000,00

#### **Funding sources**

Regional funds and resources of the Higher Technical Institute for New Technologies of Life A.Volta

#### **ACTION 2 Active and Healthy ageing regional LIVING LAB**

To design Action 2 the Friuli Venezia Giulia Region based its planning on the following ITHACA learnings:

- the practices we saw during the EEPes hosted by Ithaca partners and in particular:
  - o the LIVING LAB model of the partner Autonom LAB from the Region Nouvelle Aquitaine (France) which was an inspiring example of network among citizens, civil society and third sector organizations and could be an useful instrument to strengthen local networks (system approach) in order to share projects and knowledge and to boost political commitment. **Autonom' LAB.** Autonom'Lab is the public living lab created and supported by the Region Nouvelle Aquitaine in order to find innovative answers to demographic change that the region is facing. The GIP Autonom'Lab provides a mission of general interest to evaluate and develop innovations that can promote ageing well, whether in terms of health or autonomy. Functioning on the principles of a living lab, it gathers stakeholders from research and education field, health, social and medico-social sectors, and economic development as well as users, professionals and regional public authorities in order to foster and develop innovations that are relevant to improve quality of life of our elderlies. It ensures a business intelligence and monitoring, participates in organizations of regional dissemination events, it openly spreads results of its work and it also supports economic actors in the acceleration and

experimentation of their solutions.

- The LIVING LAB **Calyxis** - Calyxis is a center of resources and expertise dedicated to the prevention of personal risks, in liaison with government agencies and French research laboratories. Its main objective is to reduce the vulnerability of the individual to the risks of everyday life in 3 major areas: accidents of every-day life, health / nutrition / lifestyle and flood risk. One of the target groups of Calyxis are the elderly. The Living LAB was created by the will of public actors, such as local insurance and the municipality, but today it is supported with 80% of private funding as it has developed a methodology related to the testing of products and services. It might be interesting to imagine in the context of the Action 2. an exchange between Calyxis and the regional cluster SMART HEALTH

- the learning gathered through the co-definition with regional stakeholders and members of the regional table on AHA of the Theory of change focusing on existing links between ITHACA project and regional policies. This process enables us to better understand our long term objectives and to collect stakeholders' opinion on existing challenges to their achievement such as:
  1. Market uptake of new services and products: regional innovative enterprises ask for the adoption of innovative procurement models enabling the adoption of innovative solutions on a large scale;
  2. Integration of all policies and funding connected to active and healthy ageing and smart health and care (we have a Law on AHA since 2014 with its own budget but we kept a lot of different funding lines connected with this topic - funding covering the cost of services allowing elderly to stay longer at home: home helpers, caregivers or funding for adapted housing and independent living - that are not integrated;
  3. Regional organization of social services (including all services provided to elderly and their families) Since 2006 regional municipalities (217) can choose one among 4 different models to organize social services this causes a quite large difference in organization of services and stakeholders' involvement so we need the adoption of a new model on a large scale;
- the collection of regional best practices on active and healthy ageing and smart health – this activity gave us the opportunity of sharing experiences and suggestions among regional actors and activate their own commitment on the topics addressed by the project;
- Feedback of ITHACA's partners after the EEPE held in the Friuli Venezia Giulia Region in April 2019 pointing out the need of a better coordination among initiatives and regional actors coming from the civil society and the research sector.

Based on the ITHACA Learnings that pointed out the need of a better coordination among initiatives and regional actors working in the AHA domain and taking into account that the art.4 of the LAW no.22/2014 establishes that the Region values and promotes the participation of elderly people in initiatives created in implementation of the interventions referred to in this law, in collaboration with: Municipalities, Healthcare agencies and public companies providing personal care services, School institutions and the LiberEtà and Terza Età Universities, social forces and associations representing elderly people, Associations for the protection of consumers and users' rights, Non-profit entities and organisations, as

well as private entities that in any capacity operate in the areas and for the purposes referred to in this law; the Region(PP4) proposed to set up a Multi Level Governance in order to involve all the above mentioned actors in the definition, implementation and evaluation of the Strategy on AHA. The Region selected the Living LAB methodology to pass FROM USER - CENTRED INNOVATION TO INNOVATION WITH END USERS.

The expected benefits of this action will be:

- connect all beneficiaries of the Law no. 22 of November 14, 2014 ‘Promotion of active ageing’;
- obtain the stakeholders’ commitment to develop a widespread policy on AHA;
- share information on: existing contribution opportunities promoted by the different regional departments, good practices, needs;
- involve end users and understand their real needs;
- promote knowledge transfer across different disciplines and sectors: i.e. social housing, tourism, domiciliary care, tailored training paths, civil commitment, etc.;
- networking with the existing cluster of smart health to permit the transferring of existing product and service innovations into use or their improvement;
- develop a private market for the innovative solutions related to smart health and AHA sectors.

To achieve this goal the ITHACA PP4 - Central Directorate for Employment, Training, Education and Family Affairs of the Region, envisages to develop in the years 2019 - 2020 – 2021 the following steps/activities:

### **2019 – phase 1 first steps**

14 October 2019 – the proposal of the action 2. LIVING LAB has been shared with the Departments involved in the regional table on Active and Healthy Ageing to have it adopted by them. The goal is creating a small staff inside the regional table on AHA in charge of developing/monitoring the action;

November 2019: meeting the experience of LIVING LAB\_ partner: Autonom LAB Nouvelle Aquitaine meeting in France during the Forum on Social Economy. This meeting between Ms. Elena Canciani and the AutonomLAB's staff will be the opportunity to plan the activities to share their experience in Friuli Venezia Giulia Region in the years 2020 – 2021. The idea is setting up an inter - regional group of 5 - 6 people to plan and monitor Action 2\_Living Lab.

December 2019 - Organization on the 19<sup>th</sup> December of a specific meeting of the regional table on Active and Healthy Ageing to approve the Action.

The Living Lab, represents an organic and integrated mode of participation of the territorial components active in IA; can help to define specific interventions with respect to the development trajectories identified in the RIS3 and in relation to the specializations emerged and represent the means to facilitate processes of cross - fertilization and open innovation.

### **Activities**

to set up a Multi Level Governance on AHA, adopting the LIVING LAB innovation model, we intend to develop the following activities:

**Activity 1. Outline of the regional strategy for the creation of Multi Level Governance on AHA, adopting the**

**LIVING LAB innovation model and taking into consideration the entrepreneurial discovery path planned for the review of the Smart Specialization Strategy January - June 2020**

- 1.1 Analysis of the regional context and definition of a SWOT
- 1.2 Definition of the Governance process
- 1.3 Definition of the Vision
- 1.4 Definition of the Priorities
- 1.5 Definition of the Policy mix
- 1.6 Definition of the Monitoring and Evaluation Methodology

**Output**

Regional strategy for the creation of a Multi Level Governance on AHA, adopting the LIVING LAB innovation model.

**Activity 2. Sharing of the proposal and co-definition of the PLAN of Activities (June – September 2020)**

- 2.1 Sharing of the proposal with the members of the regional table on AHA
- 2.2 Sharing of the proposal with the regional stakeholders actively involved in the ITHACA project
- 2.3 Training on the LIVING LAB MODEL of the members of the regional table on active and healthy ageing and the regional stakeholders

**Output**

PLAN of Activities for implementing the Multi Level Governance on AHA, adopting the LIVING LAB innovation model  
Training materials on LIVING LAB model

**Activity 3. Set up of the Multi Level Governance on AHA, adopting the LIVING LAB innovation model (September - December 2020)**

- 3.1 Definition of the roles of the actors
- 3.2 Definition of rules for the functioning of the Multi Level Governance on AHA, adopting the LIVING LAB innovation model
- 3.3 Mapping of the needs of the envisaged
- 3.4 Design of one pilot activity to be implemented in the first semester 2021

**Output**

Report on needs of the members of the LIVING LAB  
Project of the pilot activity

**Activity 4. Implementation of the LIVING LAB pilot activity (January - September 2021)**

- 4.1 Implementation of the pilot activity
- 4.2 Evaluation of the pilot activity

**Output**

Report on the evaluation of the pilot activity

**Communication and dissemination**

A set of dissemination activities will support the implementation of action 2.

Events:

1. Organization of no. 3 stakeholder meetings from January 2020 to June 2021 with the aim of informing, to collect their needs and engage them in the definition, implementation and evaluation of the action;
2. Organization of no. 15 meetings from January 2020 to June 2021 with the members of the table on active and healthy ageing to collect their needs and engage them in the definition, implementation and evaluation of the action;
3. Organization of no. 2 meetings with partner Autonom'Lab and other relevant actors of the Region Nouvelle Aquitaine: the first meeting at the beginning of 2020 is necessary because we need their support in planning the actions to create a regional Living lab on AHA. We would like to involve in this meeting the members of the regional table on AHA in charge of developing the activities and 2 regional stakeholders coming from the Civil Society or Third sector; the second meeting will be conducted through on line platforms, on May 2021 and it is necessary to evaluate with them the results of the action implemented and to give recommendations for the follow up.
4. Meet in Italy for life Science <https://meetinitalylifesciences.eu/> - this event will be hosted in Trieste from 16 to 18 October 2019 and it will host also the presentation of the ITHACA's Action plans. This will be an important opportunity for ensure the regional political commitment on the action named LIVING LAB on AHA;
5. ESOF 2020 – in July 2020 the Region will host in Trieste the Euro science open forum 2020. This event will be the opportunity to invite ITHACA partners to update them on the development of regional Action plan.

**Output**

- Report on the mapping of the beneficiaries of the Regional Law no. 22 of November 14, 2014 'Promotion of active ageing'
- Action plan on creation of a Multi Level Governance on AHA, adopting the LIVING LAB innovation model adopted in the context of the implementation of the Regional Law no. 22 of November 14, 2014 'Promotion of active ageing' for the years 2020 – 2021
- Report of all the meetings organized in France and Italy with the partner Autonom' LAB to transfer knowledge on LIVING LAB Model
- Communication results

**Players involved**

- a. ITHACA PP4 - Central Directorate for Employment, Training, Education, Research, Universities and Family Affairs proponent of the action and in charge of its implementation;
- b. Members of the regional table working on active and healthy ageing such as: Central Directorate for Health, Social Policies and Disability, Central Directorate for Employment, Training, Education, Research, Universities and Family Affairs, Central Directorate for Infrastructures and local areas, Central Directorate for Culture and Sports,

Central Directorate for Production Activities; General Directorate, Central Directorate for Local Authorities, Security and Immigration policies;

- c. ITHACA regional stakeholders;
- d. GIP AUTONOM'LAB (FR)
- e. CALYXYS

**- Timeframe**

	2020												2021									
Attività	MESE...1...	MESE...2...	MESE...3	MESE...4	MESE...5	MESE...6	MESE...7	MESE...8	MESE...9	MESE...10	MESE...11	MESE...12	MESE...1...	MESE...2...	MESE...3	MESE...4	MESE...5	MESE...6	MESE...7	MESE...8	MESE...9	
<b>Activity 1.</b>																						
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**- Costs**

All cost/resources related with the implementation of this action are covered by the Public and Private Institutions involved



in the delivery of each action. The main costs are related to the staff involved. In fact, we estimate that the following people are needed to implement the action:

- STAFF of the Friuli Venezia Giulia Region - Members of the regional table working on active and healthy ageing such as: Central Directorate for Health, Social Policies and Disability, Central Directorate for Employment, Training, Education, Research, Universities and Family Affairs, Central Directorate for Infrastructures and local areas, Central Directorate for Culture and Sports, Central Directorate for Production Activities; General Directorate, Central Directorate for Local Authorities, Security and Immigration policies. **40 working days during the activities mentioned in the action (from 1 January 2020 to 30 September 2021);**
- STAFF of the Friuli Venezia Giulia Region - Lifelong learning staff and European Social Fund Office **15 working days during the activities mentioned in the action (from 1 January 2020 to 30 September 2021);**
- STAFF of the Friuli Venezia Giulia Region - Advanced Training and Research Office **5 working days during the activities mentioned in the action (from 1 January 2020 to 30 September 2021).**

Total 60 working days estimated budget Euro 12.000,00

- **Funding sources**  
Regional resources

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Stamp of the organisation (if available):** \_\_\_\_\_

## Policies and Strategies

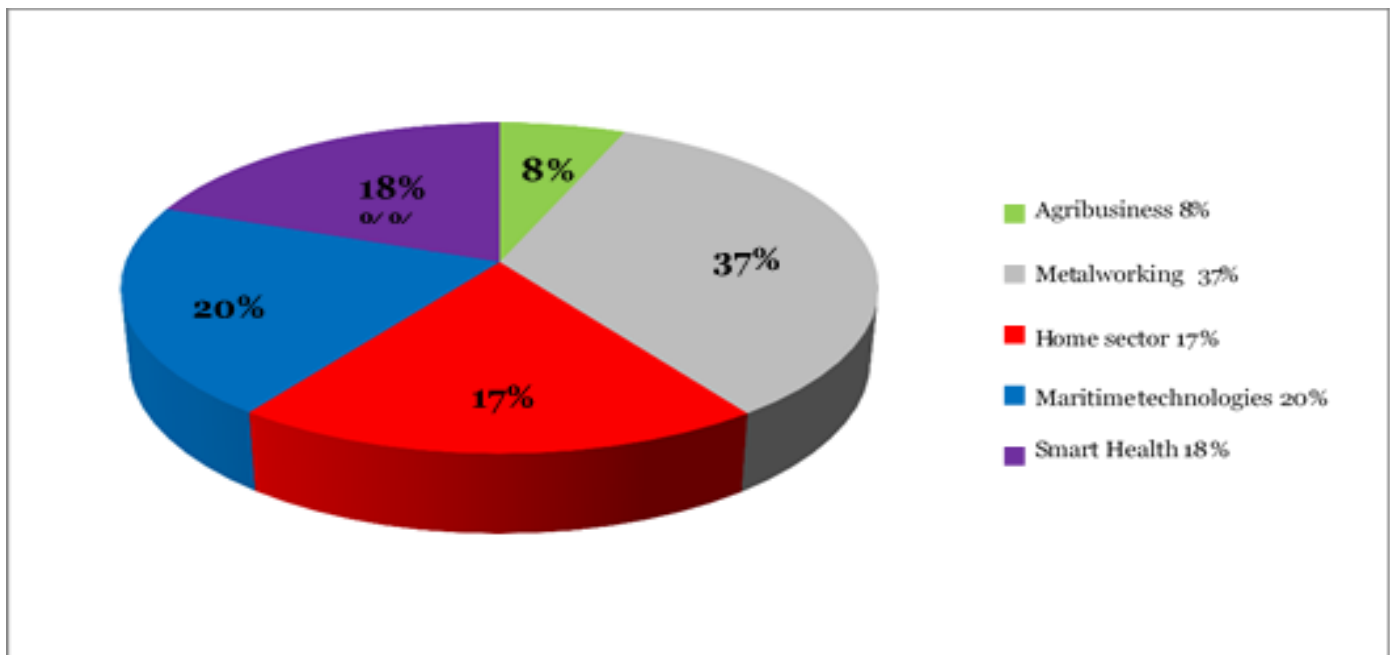
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### *The Regional Operational Programme ERDF 2014-2020*

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The Regional Operational Programme ERDF 2014-2020 has a total value of € 230 M and through the *AXIS n.1 - Strengthening research, technological development, and innovation - Action: 1.3.b - Collaborative R&D activities for the development of new sustainable technologies, new products and services* it supports the development of new products and services in the smart health sector.

Figure 1 Breakdown of financial contributions by specialization area  
ROP ERDF 2014-2020 –31.12.2018



By the end of 2018 no. 625 projects were funded by the ROP ERDF 2014 – 2020 and among them 119 projects focused on Smart health Area.

### **The Governance of the regional Smart Specialization Strategy**

On May 30th, 2019, with Regional Council Decree no. 883/2015 the Regional Council approved the revision of the governance model, in order to satisfy the European prevision for the new Programming period 2021-2027. Taking into account also the suggestions of the external evaluator, the governance model of the regional smart specialization strategy was revised to ensure organisational simplification, the strengthening of stakeholders involvement and the improvement of internal administrative capacity as well.

The regional government provides political direction and it is responsible for the approval of the regional Smart Specialization Strategy and its changes and implementation.

The new governance model envisages:

- Regional coordinating structures
- Steering Committee
- Strategic Committee
- Technical Secretariat

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### *Strategy on healthy and active ageing*

Since 2002 the regional Government has been working to translate the challenge of ageing into practical actions aiming at boosting new participatory welfare models promoting public and private partnerships (participatory foundation) to move towards deinstitutionalization of older people (and disabled people) and promote their autonomy and independent living while fostering their right to participation in community life. In 2014 the regional government adopted the Regional Law no. 22 of November 14, 2014 ‘Promotion of active ageing’. The Region pursues the aims of this law through the planning(3 years plan) of coordinated and integrated interventions in favour of the elderly in the areas of health and safety, participation, lifelong learning, work, culture and social tourism, sport and leisure time, civil commitment and volunteering and to achieve these goals a multiannual budget under the name "Program of interventions concerning the promotion of active ageing" was established in 2014. This law clearly states that the regional care system is centred on three main pillars to promote independent living and active ageing supporting home care and social living; supporting healthy lifestyles; supporting socializing projects. The law set up the regional table working on active and healthy ageing issues encompassing the following regional Departments: Central Directorate for Health, Social Policies and Disability, Central Directorate for Work, Training, Education and Family, Central Directorate for Infrastructures and local areas, Central Directorate for Culture and Sports, Central Directorate for Production Activities; General Directorate, Central Directorate for Local Authorities, Security and Immigration policies. The regional table on AHA meets every month to share information and activities promoted by regional Departments and to monitor the progress of the annual plan. To promote the awareness on the Law and to involve the regional stakeholders the Region created a WEB SITE <https://invecchiamentoattivo.regione.fvg.it/>.

### **Training paths**

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#### *The Technical Institute A. VOLTA on "New Life Technologies".*

The higher technical institutes are specific post-secondary education and training paths and represent one of the flagship initiatives of the Italian Ministry of Education, University and Research (MIUR) to (Istituti Tecnici Superiori – ITS). In 2014 a post-secondary level of education was set up in Trieste: **The Technical Institute A. VOLTA on "New Life Technologies"**. It provides two courses, one for the “Management and maintenance of biomedical equipment, diagnostic imaging, and biotechnology” and the other one for the “Development and management of systems and solutions applied to medical informatics and bioinformatics”. Both courses are integrated with Internet of Things (IoT) technologies. This

training path is a success in terms of cooperation among triple helix organizations, it stems from the cooperation between the high school Istituto Tecnico Statale Volta, TBS Group, AREA Science Park, the University of Trieste, Elettra-Sincrotrone Trieste and the Province and Municipality of Trieste. It is considered as good because the **Higher Technical Institute for New Technologies of Life** is the only experience of post secondary education in Italy focusing on smart health issues. The 50% of the lessons are given by experts from companies of the area. ITS implies an alternation of theoretical and practical lessons in class and in laboratory/companies which represents an example of good practice at the end of the second year there is a final exam and, once the students pass it, they receive a certificate (which equals to the V level in EQF). As regard QUALIFICATIONS at the end of the ITS two-year programme students will obtain an Advanced Technician Diploma, a certificate that corresponds to the fifth level of the European Qualifications Framework (EQF) and entitles graduates to participate in public competitions (in accordance with the Decree of the President of the Council of Ministers 25/01/2008). Completion of the course also results in the recognition of university credits for some of the courses available in the university programme. [www.itsvolta.it](http://www.itsvolta.it)

THE DEPUTY DIRECTOR  
OF THE CENTRAL DIRECTORATE FOR  
EMPLOYMENT, EDUCATION, TRAINING AND FAMILY  
(Ketty Segatti)

Trieste, 28<sup>th</sup> March 2020