

FOOD4HEALTH

Sustainable and innovative Agro food and fisheries value chain for MSME's cross border market



Activity A.T3.3

Creation of a "Food4Health technological platform" with advanced tools and services to promote quality food and consumer health.

PARTNER : REGIONE PUGLIA-STRUTTURA SPECIALE DI "COORDINAMENTO HEALTH MARKETPLACE"

OUTPUT REPORT

<u>Activity A.T3.3 - Creation of a "Food4Health technological platform" with</u> <u>advanced tools and services to promote quality food and consumer health.</u>

The implementation and continuous populating of the food4health web platform represent a major tool for the whole program area in order to transfer and share knowledge and services targeted to develop entrepreneurship and competitiveness of enterprises.

For this reason, a participatory methodological approach will be used for the design of the platform in order to listen to the needs of stakeholders and the main users of the tool. Moreover, the platform will be open source thus ensuring access to all stakeholders.

The activity of codesign and development of the platform (dl3.3.1 Co-Design & development of the Food4Health technological platform) includes targeted meetings with the enterprises and public bodies (research bodies, municipalities, authorities responsible for human health and education, doctors, etc.) and private entities (ex. catering services) to identify and develop contents and services that may support the process to improve quality and safety of food products and the quality of life and human wellbeing.

The major though not exhaustive themes of the contents and services supplied by the platform are: traceability of products origin, food education, innovation demand and supply, animation of virtual community of practices, database start-up and innovative SMEs.

After the phase of design and technological development of the platform, all partners will be involved in the implementation of contents (dl3.3.2 Implementation of ICT tools) and their continuous update (dl 3.3.3 Content management).

Deliverable D.T3.3.1

Co-Design & development of the Food4Health technological platform

Elaboration of a platform design shared among partners and the main target groups. The co-design phase will be developed through brainstorming meetings that will allow the expert team to define and share the executive design. Later on, the technological development of the platform will be carried out.

PERFORMED ACTIVITY

The activities undertaken in co-designing and developing the Food4Health technology platform initially aimed to create a user-centric platform that provides personalized dietary advice, food tracking and access to healthy food options.

The first phase of the work was dedicated to the definition of the objectives to be achieved through the creation of the "Food4Health" platform, with the analysis of requests and specifications techniques and the subjects involved with the purpose to define contents and functions of the technological platform.

The analysis led to the development of a first version of the representative map of the various types of content that the "Food4Health" platform will have to manage. Both the level of detail of each type of content, and the ways in which these will be managed. Also some infrastructural and bureaucratic doubts (owners / domain name, hosting and related budget).

A first web page structure of the platform was produced with the homepage sketches and some types of content (article, event, resource, company, product) as well as the drafts of related archives. A first remote installation of the platform was also made with a landing page draft.

A first version of the platform has been released, reachable from a temporary URL and accessible only after login. A custom theme and various views have been created for use of the various types of content (currently pages / articles / events), manageable and customizable by the "manager" user. Three types of users have been created and customized: Administrator - Manager - Tester.

Stakeholder Engagement

Workshops and Meetings - period 01.2020 - 30.06.2020

Initial Workshops: Conducted initial workshops involving end-users, healthcare professionals, technology developers, researchers, and policymakers.

Objectives: Understand the diverse needs and challenges faced by stakeholders.

Outcome: Gathered detailed requirements and identified key features for the platform.

Regular Stakeholder Meetings: Held periodical meetings with a core group of stakeholders to review progress and gather feedback.

Outcome: Ensured continuous alignment with stakeholder expectations and needs.

Co-Design Activities

Prototyping - period 01.2020 - 06.2020

Low-Fidelity Prototypes: Created initial wireframes and low-fidelity prototypes.Tools Used: CMS, Template Theme, Wordpress.Outcome: Provided a tangible basis for stakeholder feedback.

Iterative Refinement: Based on feedback, refined the prototypes through multiple iterations.

Outcome: Developed high-fidelity prototypes that closely matched user needs.

Testing and Validation - period 07.2020 - 12.2020

Usability Testing: Conducted usability tests with a representative group of users. **Outcome**: Identified usability issues and areas for improvement.

Validation Sessions: Held validation sessions with stakeholders to ensure the prototypes met their expectations.

Outcome: Finalized design specifications for development.

Development Activities

Technical Architecture - period 07.2020 - 12.2020

Design: Defined a modular and scalable technical architecture.Components: Frontend to use contents, backend to update contentsOutcome: Ensured a robust and flexible foundation for the platform.

Implementation - period 01.2021 - 06.2021

Frontend Development: Implemented responsive web interface, to ensure a large usability of the product

Outcome: Developed user-friendly interfaces for different devices.

Backend Development: Developed backend interface for core functionalities. **Outcome**: Ensured efficient and scalable backend operations.

Security Measures: Implemented data encryption and conducted security audits. **Outcome**: Ensured compliance with GDPR and HIPAA regulations.

Integration and Testing - period 01.2021 - 06.2021 Integration: Integrated frontend with backend services. Outcome: Seamless interaction between user interface and backend processes.

Testing: Conducted unit, integration, and user acceptance testing (UAT). **Outcome**: Ensured the platform's functionality, performance, and reliability.

Conclusion

The co-design and development of the Food4Health technological platform were executed through a collaborative and iterative process involving multiple stakeholders.

The platform now provides a comprehensive solution for personalized dietary recommendations, food tracking, and access to healthy food options. Ongoing

evaluation and updates will ensure that the platform continues to meet the evolving needs of its users, contributing to improved nutritional health outcomes.

The content structure of the "Food4Health" web portal has been defined (categories of articles, order of presentation, conceptualization of graphic layout, web identity) leading to the publication, in confidential mode, of a first version of the same portal. Link was shared with the project partners for observations, changes and evolutions. Also for the same website, a series of contents (posts / articles) have been developed and published concerning the activities carried out by Food4Health in recent months and the activities achieved.

The result of the work carried out was summarized in the attached project outline shared with all the participants in the co-planning.

5. Context of numbers: Creation of a database of innovative SMEs and research centers sustainability: Strengthening the traceability of typical and traditional products, using collective marks "Prodotti di Qualità" Puglia, and "Sustainability", through production protocols

1. Quality and

ICT Food4Health Platform:

- 1 .Traceability of products origin
- 2. Food education
- 3. Innovation demand and supply
- 4. Animation of a virtual community of practice
- 5. Database on start-ups and innovative SMEs

4. Partecipatory development: Animation and

boosting SMEs' community dialouge of good practices Knowledge and innovation for sustainable consumption:

2. Citizens and

Improving consumers' education on nutrition,

health and well-being

(Apulian Lifestyle)

through dissemination

of information, FAQs, videos, best practices,

etc.

Transfering of knowledge and innovation meeting SMEs and researchers

Deliverable D.T3.3.2

Implementation of ICT tools

The main contents and services sessions envisaged in the food4health technological platform will be populated with data and information.

There are 5 sessions:

- 1) traceability of products origin;
- 2) food education;
- 3) innovation demand and supply;
- 4) animation of virtual community of practices;
- 5) database start-up and innovative SMEs

PERFORMED ACTIVITY

The implementation of information and communication technologies (ICT) tools for the Food4Health technology platform focused on the five main sessions: traceability of product origins, food education, supply and demand for innovation, animation of virtual communities of practices and database startup. Innovative and innovative SMEs.

Implementation Overview

The implementation of ICT tools involved the integration of various technologies and data sources to create a robust, user-friendly platform. The process included data collection, system integration, and the development of interactive features for each of the five sessions.

Sessions and ICT Tools

Quality and Sustainability

Strengthen the traceability of typical and traditional products, using, for example, the collective brands "Quality Products" Puglia, and "Sustainability", through production protocols.



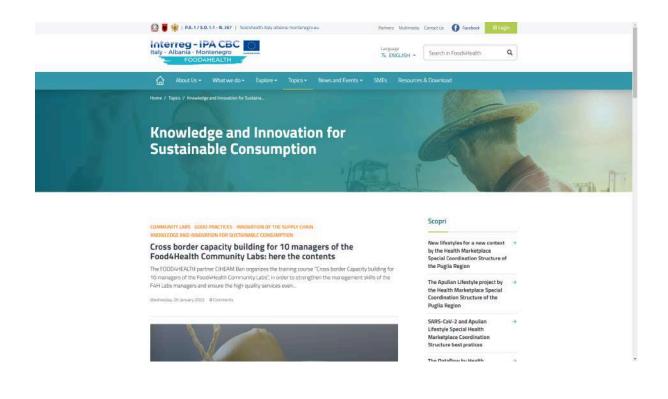
Citizens and Consumers

Improving consumer education on nutrition, health and well-being (Apulian Lifestyle) through the dissemination of information, frequently asked questions, videos, best practices, etc.



Knowledge and Innovation for Sustainable Consumption

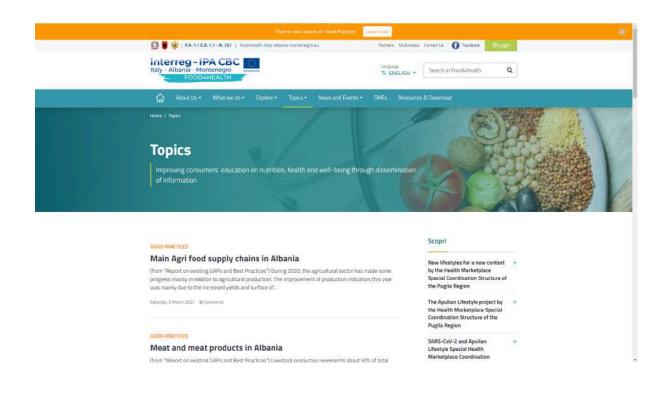
Transfer of knowledge and innovation to meet SMEs and researchers.



Animation of Virtual Community of Practices

Animation and promotion of community dialogue on good practices by SMEs.

Improving consumers' education on nutrition, health and well-being through dissemination of information



Database Start-up and Innovative SMEs

Below is the list of companies that were involved in the project and that interacted on the food4health platform, collaborating on the optimization of good practices in the nutraceutical sector.

#	Name of the Company	Type of Company	Address of the Company	Region	Person of Contact	E-mail Address	Website	Name of the Product
1	Ali Fruit	Production , cold storage and trade	Dvoran, km 7 Korçë Ersekë	Ersekë	Renaldo Ali	renaldo_4 70@hotma il.com	Does not have a website	Apple Cherry Plum
2	Llambi Rapi	Apple Production	Zvirinë, km 22 Korçë - Pogradec	Korçë	Llambi Rapi	None	Does not have a website	Apple
3	Mariglen Baki	Production of apple, cherry and plum	Dvoran, km 7 Korçë Ersekë	Korçë	Mariglen Baki	Mariglen_b aki@yaho o.com	Does not have a website	Apple Cherry Plum
4	Ermal Sheno	Apple Production	Qatrom, km 6. Korçë-Ers ekë	Korçë	Ermal Sheno	ermalshen o3@gmail. com	Does not have a website	Apple Cherry Plum
5	Nikolla Kostandini	Production , refrigerate d storage	Polenë-Ko rçë	Korçë	Nikolla Kostandini	nikollakost andini@ya hoo.com	Does not have a website	Apple & Cherry
<u>6</u>	<u>Oltian Shaholli</u>	Production cold storage and trade	<u>Voskop-Ko</u> r <u>çë</u>	<u>Korçë</u>	<u>Oltian</u> Shaholli	<u>oltianshah</u> olli@yahoo .com	<u>Does not</u> have a website	<u>Apple &</u> Cherry
Z	AGRO FRUIT Shpk	Fruit and vegetable processing packaging of fruit	<u>Km 3</u> <u>Rruga</u> <u>Nacionale</u> Korçë - <u>Ersekë</u>	<u>Korçë</u>	<u>Jorgo</u> <u>Braholli</u> <u>Vasil</u> Braholli	<u>Jb.agrofrui</u> t@gmail.c om vasilbrahol li@icloud.c om	<u>www.frutal.</u> <u>al</u> www.agrof ruit.al	

		juices and teas						
8	<u>Anxhela Latifi</u>	Apple Production	<u>Qatrom /</u> <u>Korçë</u>	<u>Korçë</u>	<u>Aurel Latifi</u>	anxhela_8 6@hotmail .com aurellatifi1 @gmail.co m	<u>Does not</u> <u>have a</u> website	Apple
<u>9</u>	<u>Ylber Bylykbashi</u>	Apple Production	<u>Shamoll,</u> <u>Korçë</u>	<u>Korçë</u>	<u>Ylber</u> Bylykbashi	<u>ylverb@ya</u> hoo.com	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Apples &</u> <u>Pears</u>
10	<u>Ervis Qarri</u>	Production and trade of seedlings	Mifol. <u>Novoselë.</u> <u>Vlorë</u>	Vlorë	Ervis Qarri	garriervis9 5@gmail.c om	Does not have a website	Grafted olive seedlings. citrus seedlings of various types. olive oil and kalinjot olive
11	<u>Pirot Mukaj</u>	Agricultura LEarm	<u>Trevilazër.</u> <u>Novoselë.</u> <u>Vlorë</u>	<u>Vlorë</u>	Pirot Mukaj	None	Does_not havea website	Extra Virgin Olive Oil and Vineyard for wine production
12	Agro-Thanaj	Agricultura LFarm	<u>Novoselë.</u> <u>Vlorë</u>	Vlorë	Pjerin Thanaj	None	<u>Does not</u> <u>have a</u> <u>website</u>	Olive seedlings, flower seedlings, extra virgin olive oil. olive
<u>13</u>	<u>Taulant Myrtaj</u>	Oil factory	<u>Trevllazër.</u> <u>Novoselë.</u> <u>Vlorë</u>	<u>Vlorë</u>	<u>Taulant</u> <u>Myrtaj</u>	<u>None</u>	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Olive and</u> olive oil
<u>14</u>	<u>llirjan Kamberaj</u>	<u>Agricultura</u> <u>I Farm</u>	<u>Oshtimë.</u> <u>Vlorë</u>	<u>Vlorë</u>	<u>llirjan</u> Kamberaj	<u>None</u>	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Grapes &</u> <u>Olives</u>

<u>15</u>	Roland Xhaferri	<u>Agricultura</u> <u>I Farm</u>	<u>Oshtimë.</u> <u>Vlorë</u>	<u>Vlorë</u>	<u>Roland</u> <u>Xhaferi</u>	<u>None</u>	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Grapes &</u> <u>Olives</u>
<u>16</u>	<u>Dhori Mulaj</u>	Agricultura LEarm	<u>Aliban</u> <u>.Vlorë</u>	<u>Vlorë</u>	<u>Dhori</u> <u>Mulaj</u>	None	<u>Does not</u> <u>have a</u> website	<u>Mille fiori</u> honey. propolis and royal jelly
<u>17</u>	<u>Aurel Myrtaj</u>	<u>Agricultura</u> <u>I Farm</u>	<u>Trevllazër.</u> <u>Novoselë,</u> <u>Vlorë</u>	<u>Vlorë</u>	<u>Aurel</u> <u>Myrtaj</u>	<u>None</u>	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Olive and</u> olive oil
<u>18</u>	<u>Gafur Myrtezaj</u>	Agricultura LFarm	<u>Trevllazër.</u> <u>Novoselë.</u> <u>Vlorë</u>	<u>Vlorë</u>	<u>Gafur</u> Myrtezaj	<u>None</u>	<u>Does not</u> have a website	<u>Olive and</u> olive oil
<u>19</u>	<u>Agim Konimi</u>		<u>Oshtimë.</u> <u>Vlorë</u>	<u>Vlorë</u>	<u>Agim</u> <u>Konimi</u>	<u>None</u>	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Grapes.</u> Olive & olive oil
<u>20</u>	<u>Agro Fani</u>	Wine Production	Otllak , Lagia Kryesore ,rruga Nacionale Berat –Ura Vaigurore	<u>Berat</u>	<u>Mirela Fani</u>	mirela.fani 4@gmail.c om	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Wine</u> <u>"FANI"</u>
<u>21</u>	<u>Amarilto Shpk</u>	Preservati on of fruits, vegetables . olives	<u>Lezhe</u>	<u>Pllane</u> <u>Lezhe</u>	<u>Arben</u> <u>Malshi</u>	<u>amariltosh</u> pk@gmail. <u>com</u>	<u>www.amari</u> <u>Itoshpk.al</u>	<u>Olives and</u> <u>extra virgin</u> <u>olive oil</u>
22	ALSI & CO SHPK	Production Processing Packaging. labeling and wholesale distribution of dried fruits. vegetables and herbs.	Tirane	RRUGA PRUSH, VAQARR, TIRANE	Roland Sino	info@alsi.a l	www.krikkr ak.al	Peeled walnuts. almonds. roasted almonds. cashews. raisins. pea cocktail. roasted hazelnuts. natural country hazelnuts. etc.

<u>23</u>	<u>Shpresa Bezhi</u> <u>PF</u>	Production and trade of vegetables	<u>Fier</u>	<u>Çerme e</u> <u>Siperme,</u> Lushnje	<u>Gezim</u> <u>Bezhi</u>	<u>gezimbezh</u> i@albasee d.com	<u>Does not</u> <u>have a</u> <u>website</u>	<u>Tomato.</u> <u>Cucumber.</u> Pepper
24	<u>Kantina</u> <u>Familjare Shehi</u>	Winery. viticulture, agrotouris m	<u>Tirane</u>	<u>Farke</u> <u>Madhe.</u> <u>Rruga</u> <u>Mulliri</u> <u>Vjeter</u>	Enver Shehi	kantinafam iljare.shehi @gmail.co m	Does_not havea website	Red_wine and_white wine packaged in_bottles and_5_1 boxes_of Shesh, Cabernet, Riesling and_Merlot varieties
<u>25</u>	<u>Qemal Alushi PF</u> (<u>ENOL)</u>	Agrotouris m. agricultural products and winery	<u>Tirane</u>	<u>Lagia</u> <u>Palaq.Prez</u> <u>e. Tirane</u>	<u>Qemal</u> <u>Alushi</u>	None	Does not have a website	
<u>26</u>	Duka Wine shpk	Grape cultivation and winery	<u>Durrës</u>	<u>Street</u> <u>Shkafan,</u> <u>Ishëm, KM</u> <u>3.5, Ishem</u> Lalëz, <u>Durrës</u>	<u>Anita</u> Haxhiu	info@kanti naduka.al	<u>kantinaduk</u> a.al	
27	Agro Muka	Production and trading of seeds and seedlings and agricultural products	<u>Durrës</u>	<u>Nikel.</u> <u>Qereke.Du</u> <u>rrës</u>	<u>Behar</u> <u>Muka</u>	beharmuk a1973@g mail.com		
<u>28</u>	Budjon Metaj	Cultivation and trading_of olive seedlings and_fruit trees	<u>Vlorë</u>	<u>Fshati</u> <u>Fitore,</u> <u>Novoselë,</u> <u>Vlorë</u>	<u>Budjon</u> <u>Metaj</u>	<u>budjonmet</u> <u>aj@gmail.c</u> om		

<u>29</u>	<u>Klodjan Yzellari</u> <u>P.F</u>	Cultivation and tradingof seedlings	<u>Korçë</u>	<u>Fshati</u> <u>Bahçallek,</u> Komuna Buçimas, Korçë	<u>Klodjan</u> Yzellari		
30	<u>Fidanishte Hushi</u>	Cultivation and trading_of seedlings	<u>Fushë</u> - <u>Krujë</u>	<u>Nikël.</u> <u>Fushë</u> - <u>Krujë</u>			Saplings Olive. Grape. Apple. Pear. Walnut. Hazelnut. Cherry. Kiwi. Citrus
31	EERMA A & E 2018	Production storage and processing of agricultural products	Eier	Eshati Sheqishte. Rruga "Petraq Poshnjari", Zharës. Fier	Andi Koco	andi.koco3 2@yahoo. com	
32	<u>Agro-Ferma</u> <u>Xheviti</u>	Cultivation of hazelnuts and olives as well as different agricultural crops.	<u>Fier</u>	<u>Dukas</u> <u>Visoke.Mal</u> <u>lakaster;</u> <u>Fier</u>	<u>Kreshnik</u> <u>Xhevit</u> <u>Heqimaj</u>	mallakaste riotimk1@ yahoo.it	Hazelnut and olive
<u>33</u>	<u>Shoqata</u> <u>Gjelbërimi 2000 -</u> NGO		<u>Vlorë</u>	<u>Selenicë,</u> <u>Vlorë</u>	<u>Kastriot</u> <u>Shehaj</u>	gjelberimi2 000@yaho o.com	
34	Rapsodia shpk	Cultivation of grapes. fruits, vegetables and production of olive oil	<u>Lezhë</u>	Rruga Lezhe - Shengjin <u>km 4</u>	Alfred Marku	info@raps odia.al	Eruits, Vegetables . Grapes and Olive Oil
<u>35</u>	<u>Dupi Frut Itd</u>	Cultivation of fruits and vegetables	<u>Kavajë</u>	<u>Lagija nr 5.</u> rruga <u>Kosova.</u> <u>Kavajë</u>	<u>Afrim Dupi</u>	dupifrut@g mail.com	<u>Fritas_and</u> <u>Vegetables</u> and

		in the open field and in greenhous es. as well as the cultivation and marketing of garlic.					<u>especially</u> garlic
<u>36</u>	<u>Nurellari Berat</u>	<u>Agri-busin</u> ess	<u>Berat</u>	<u>Fushë</u> <u>Peshtan.</u> <u>Berat</u>	Libonike Nurellari Fatos Nurellari	fatosnurell ari@yahoo .com	<u>Grapes</u> and <u>Olive</u> <u>Oil</u>
<u>37</u>	<u>Hatia Group</u> <u>Shpk</u>	Cultivation, collection, processing and_trade of agricultural products, plants_and medicinal plants	<u>Fier</u>	<u>Strum. Fier</u>	<u>Viktor</u> <u>Hatia</u>	hatia.grou p7@gmail. com Hatiagroup shpk@gm ail.com	
<u>38</u>	L <u>& B FRUITS</u> 2006	Cultivation of fruits and vegetables in open spaces and in greenhous es. as well as collection, processing _ trade and export	<u>Fier</u>	<u>Karbunare</u> <u>e</u> <u>Poshtme,R</u> ruga <u>e</u> <u>Fierit km</u>	<u>Lulëzim</u> <u>Sari</u>	Ibfruits200 6@gmail.c om	
<u>39</u>	Alekes Ranxha	Cultivation and trade of fruit and forest seedlings	Elbasan	Eshati Gjonme. rruga Gjonme-Gj ergjan km-1. Elbasan	<u>Aleks</u> Ranxha	aleks.ranx ha@gmail. com	

40	<u>G & E FRUITS</u> <u>SHPK</u>	Cultivation and trade of seedlings and trees	<u>Elbasan</u>	<u>Rruga "</u> <u>Cerrik-Bels</u> h", km3, Elbasan	<u>Lulëzim</u> <u>Bullari</u>	<u>g.efruits@</u> gmail.com	
<u>41</u>	<u>Lavdurim Kaja</u>	Cultivation and trade of seedlings	<u>Fier</u>	<u>Fier</u>	<u>Lavdurim</u> <u>Kaja</u>	<u>lulikaja406</u> @gmail.co <u>m</u>	
<u>42</u>	<u>Ferma Çollaku</u>	Cultivation of fruit trees. olives and olive oil	<u>Tiranë</u>	<u>Çerkezë,</u> <u>Tiranë</u>		fermacolla ku@gmail. com	
<u>43</u>	<u>Sokol Prençi</u>	Cultivation and trade of seedlings	<u>Tiranë</u>	<u>Bërxullë,</u> <u>Tiranë</u>	<u>Sokol</u> Prençi		
44	Xhuma HalimIlari	Cultivation and trade of seedlings	Korçë	<u>Bulgarec.</u> <u>Korçë</u>	Xhuma HalimIlari	xh.halimlla ri@hotmail .com	Grapes. apples, cherries, apricots, peaches. plums. pears, chestnuts, walnuts, dates, etc.
<u>45</u>	<u>Nezir Kuqi</u>	Cultivation and trade of seedlings	<u>Fier</u>	Laqija 20 Tetori. Rruga Andrea Papai. Lushnje	<u>Nezir Kuqi</u>		
<u>46</u>	<u>"BIO- GREEN"</u>	Planting, growing and processing of fruits and vegetables in greenhous es and in	Fier	Fier	<u>Alket</u> <u>Merdanaj</u>	biogreenfie r@yahoo.c om	

		the field as well as their trade						
47	<u>Agri Tourism</u> HUQI	Agro Tourism including the production and trade of fruits and vegetables . Wine and Olive Oil.	<u>Durrës</u>	<u>Gjiri</u> i Lalzit. km <u>5. Radë.</u> Manëz. Durrës	<u>Shqipe</u> Huqi	gezim.huqi @yahoo.c om.		
<u>48</u>	<u>Gli orti di Peppe</u>	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>Italy</u>	<u>Giuseppe</u> Battocchio	<u>gliortidipep</u> pe@gmail. <u>com</u>		vegetables and cereals
<u>49</u>	<u>I.P.A.D.</u> <u>Mediterranean</u>	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>ltaly</u>	<u>Vincenzo</u> <u>Chiarello</u>	info@coop ipad.it	<u>www.coopi</u> pad.it	vegetables and cereals
<u>50</u>	<u>Cooperativa</u> <u>Sociale</u> Terrarossa	<u>Ltd</u>	<u>Tricase</u> (LE)	<u>Italy</u>	<u>Daniele</u> <u>Sperti</u>	<u>cooperativ</u> <u>asocialeter</u> rarossa@g mail.com		vegetables and cereals
<u>51</u>	La Nuova Contadina	Ltd	<u>Andrano</u> (<u>LE)</u>	<u>Italy</u>	<u>Vito</u> <u>Casciaro</u>	nuovacont adina@gm ail.com	<u>www.nuov</u> <u>acontadina</u> . <u>.it</u>	vegetables and cereals
<u>52</u>	<u>La pezza</u>	<u>Ltd</u>	<u>Salve (LE)</u>	<u>Italy</u>	<u>Claudia</u> Borrello	<u>info@lape</u> <u>zza.it</u>	<u>www.lapez</u> <u>za.it</u>	j <u>ams and</u> <u>marmalad</u> <u>es</u>
<u>53</u>	<u>Agriturismo Gli</u> <u>Ulivi</u>	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>Italy</u>	<u>Giulio</u> Sparascio	<u>info@gliuli</u> <u>vi.it</u>	<u>www.gliuliv</u> i.it	farmhouse
<u>54</u>	Apicoltura f.lli Martella	Ltd	<u>Tricase</u> (<u>LE)</u>	ltaly	<u>Corrado</u> <u>Martella</u>	corrado.m artella@g mail.com		Honey
<u>55</u>	<u>Agriturismo</u> <u>Ficatorta</u>	<u>Ltd</u>	<u>Tricase</u> (LE)	<u>Italy</u>	<u>Luigi</u> <u>Maglie</u>	info@agrit urismoficat orta.com	<u>www.agritu</u> rismoficato rta.com	<u>farmhouse</u>
<u>56</u>	<u>I fornelli di</u> <u>Teresa</u>	<u>Ltd</u>	<u>Tricase</u> (LE)	<u>Italy</u>	<u>Rosanna</u> <u>Zocco</u>	info@iforn elliditeresa .it		<u>restaurant</u>

<u>57</u>	<u>Masseria</u> <u>Galatea</u>	<u>Ltd</u>	<u>Alessano</u> (LE)	<u>Italy</u>		masseriag alatea@g mail.com	<u>www.mass</u> eriagalatea _it	<u>farmhouse</u> <u>, fruit trees</u>
<u>58</u>	<u>Masseria Santa</u> Lucia	<u>Ltd</u>	<u>Montesard</u> o (LE)	<u>Italy</u>	<u>Danilo</u> <u>Tedesco</u>	prenotazio ni@bioma sseriasant alucia.it	<u>www.biom</u> asseriasan talucia.it	<u>farmhouse</u>
<u>59</u>	<u>Az. Agricola</u> <u>Bramato</u>	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>Italy</u>	<u>Rosario</u> <u>Bramato</u>			<u>chilli</u> peppers
<u>60</u>	<u>Agripispero</u>	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>Italy</u>	<u>Michele</u> <u>Pispero</u>	<u>michele.pi</u> <u>spero02@</u> gmail.com		vegetables and butcher
<u>61</u>	AziendaAgricola Nesca	Ltd	Tricase (LE)	ltaly	Simone Nesca	fruttaeverd urafllinesc a@gmail.c om		vegetables
<u>62</u>	Sante le Muse	<u>Ltd</u>	<u>Salve (LE)</u>	<u>Italy</u>	<u>Fabiana</u> <u>Renzo</u>	<u>santelemu</u> <u>se@gmail.</u> <u>com</u>	<u>www.sante</u> lemuse.it	<u>farmhouse</u>
<u>63</u>	<u>Soc.Agricola</u> <u>Merico</u>	<u>Ltd</u>	<u>Miggiano</u> (<u>LE)</u>	<u>Italy</u>	<u>Consiglia</u> Lisi	info@olio mericosale nto.com	www.oliom ericosalent o.com	<u>oil and</u> <u>cereals</u>
<u>64</u>	<u>Salento D'arare</u>	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>ltaly</u>	<u>Adelaide</u> <u>Gerardi</u>	<u>salentodar</u> are@gmail .com	<u>www.salen</u> todarare.it	farmhouse . <u>agri</u> camping
<u>65</u>	<u>Masseria</u> <u>Nonnotore</u>	<u>Ltd</u>	<u>Tricase</u> (LE)	<u>Italy</u>	<u>Irene</u> Vaglio	info@mas serianonno tore.it	<u>www.mass</u> <u>erianonnot</u> ore.it	<u>farmhouse</u> <u>, cereals,</u> <u>vegetables</u> . oil.
<u>66</u>	Anime Sante	Ltd	<u>Tricase</u> (<u>LE)</u>	<u>ltaly</u>	<u>Daniele</u> <u>Cazzato</u>			fish. restaurant fish.
<u>67</u>	<u>Taverna del</u> Porto	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>ltaly</u>	<u>Alessandr</u> <u>o Coppola</u>	info@taver nadelporto .it	<u>www.taver</u> nadelporto .com	<u>Restaurant</u> <u>fish</u>
<u>68</u>	<u>Food4Health</u> <u>Community_coo</u> p.agricola	<u>Ltd</u>	<u>Tricase</u> (<u>LE)</u>	<u>Italy</u>	<u>Vincenzo</u> Chiarello			vegetables fish_and honey transforma tion

<u>69</u>	<u>On-Lime</u>	<u>Ltd</u>	<u>Palagiano</u> (TA)	<u>Italy</u>	<u>Vito</u> <u>Sanitate</u>	<u>sanitate@</u> gmail.com	https://ww w.on-lime.i t/	<u>Citrus</u> (<u>lemon,</u> orange, clementine . lime)
<u>70</u>	<u>Natura humana</u> (happy food)	<u>Ltd</u>	<u>Castellana</u> <u>Grotte</u> (<u>BA)</u>	<u>Italy</u>	<u>Lucia</u> <u>Cipriani</u>	<u>ciprianiluci</u> <u>ana@liber</u> <u>o.it</u>	<u>www.natur</u> <u>ahumana.it</u>	<u>Carob.</u> <u>vegetables</u>
71	Innovaprot. The power of plant-based proteins	<u>Ltd</u>	<u>Gravina in</u> <u>Puglia</u>	<u>Italy</u>	<u>Luigi</u> Manfredi	<u>luigi.manfr</u> <u>edi@innov</u> aprot.com	<u>www.innov</u> aprot.com	<u>Plant-base</u> <u>d proteins</u>
72	<u>Ada Tour</u>	Ltd	<u>Gravina in</u> <u>Puglia</u>	<u>Italy</u>	Elavio R. Albano	flavio@ad atravel.it	<u>https://ww</u> w.adatour.i <u>t/</u>	Tourism. Economics and Marketing, Cultural Heritage. Events and Visual Communic ation.
73	Az. Agr. Dragani Loredana	Earm	Montenero di Bisaccia	ltaly	Dragani Loredana	falconegild a@pec.it		vegetables and cereals
<u>74</u>	Orominerva Srl	Ltd	<u>Cerro al</u> <u>Volturno</u>	<u>Italy</u>	<u>Colicchio</u> <u>Nico</u>	amministra zione@oro minerva.it	<u>www.oromi</u> <u>nerva.it</u>	Oil. Vegetable preserves, tomato preserves
<u>75</u>	<u>Cantina sociale</u> <u>San Zenone</u> <u>Scarl</u>	Ltd	<u>Montenero</u> di Bisaccia	ltaly	Elocco Adamanto nio	info@canti nasanzeno ne.it	https://ww w.cantinas anzenone.i t/	Wine
<u>76</u>	<u>Giovanni</u> <u>Palumbo</u>	<u>Owner</u>	<u>Monagano</u>	<u>Italy</u>	<u>Palumbo</u> <u>Giovanni</u>	<u>info@molis</u> egoloso.it	<u>https://moli</u> <u>segoloso.it</u> L	<u>Vegetable</u> preserves, tomato preserves
ZZ	Az. Agr. Colavecchia	<u>Farm</u>	<u>Limosano</u>	<u>ltaly</u>	<u>Colavecchi</u> a <u>Francesco</u>	francescoc olavecchia @gmail.co <u>m</u>		vegetables and cereals

<u>78</u>	<u>Az. Agr. Di</u> <u>Marzo Pardo</u>	<u>Farm</u>	<u>Rotello</u>	<u>Italy</u>	<u>Di Marzo</u> Pardo	<u>dimarzopa</u> rdo@pec.it		vegetables and cereals
<u>79</u>	<u>Mario Di</u> <u>Geronimo</u>	<u>Owner</u>	<u>Rionero</u> <u>Sannitico</u>	<u>Italy</u>	<u>Di</u> <u>Geronimo</u> <u>mario</u>	<u>mariodiger</u> <u>onimo@ho</u> t <u>mail.it</u>		<u>vegetables</u> and <u>cereals</u>
<u>80</u>	Agriturismo "Costantini" di Neri Gioia	Earm	Rocchetta al Volturno	ltaly	<u>Neri Gioia</u>		https://agrit urismocost antini.com/	Earm holidays, dairy products,
<u>81</u>	<u>Apicoltura</u> Riccardo Lanni	<u>Farm</u>	<u>Morrone</u> del Sannio	<u>Italy</u>	<u>Lanni</u> Riccardo	<u>richardlann</u> i97@gmail . <u>.com</u>	<u>https://apic</u> olturalanni. it/	<u>Beekeepin</u> g. honey
82	<u>Maresa snc</u>	<u>Partnershi</u> ₽	<u>Ururi</u>	Italy	<u>Occhioner</u> o <u>Maia</u> <u>Teresa</u>	maresasnc @gmail.co m	http://www. <u>quartodeig</u> reci.it	Oil. Vegetable preserves, tomato preserves
<u>83</u>	<u>Az. Agr. Di</u> Tanna Giuseppe	<u>Farm</u>	<u>Capracotta</u>	<u>Italy</u>	<u>Di Tanna</u> <u>Giuseppe</u>	<u>giuseppedi</u> tanna@hot mail.it		<u>vegetables</u> and <u>cereals</u>
<u>84</u>	L Saraceni di Cipullo Antonietta s.a.s.	<u>Limited</u> partnershi p	<u>Cercemag</u> giore	<u>ltaly</u>	<u>Cipullo</u> <u>Antonietta</u>	info@isara ceni.it	<u>https://ww</u> <u>w.isaraceni</u> . <u>it/</u>	Vegetable preserves, tomato preserves
<u>85</u>	<u>Apicoltura</u> Nazario Fania	<u>Farm</u>	<u>Montagan</u> Ω	<u>Italy</u>	<u>Fania</u> Nazaio	info@miel edelmolise .com	<u>https://ww</u> w.mieledel molise.co m/	<u>Beekeepin</u> g. honey
<u>86</u>	<u>Az. Agr. Bollella</u> <u>Rosanna -</u> <u>Molishemp</u>	<u>Farm</u>	<u>Campobas</u> <u>so</u>	<u>ltaly</u>	<u>Bollella</u> <u>Rosanna</u>	paolo.padu lo@gmail.c om	<u>https://ww</u> w.molishe mp.com/	<u>Pasta.</u> <u>flour,</u> <u>biscuits</u>
<u>87</u>	Az. Agr. Concettina Eornaro	<u>Farm</u>	<u>Toro</u>	<u>Italy</u>	<u>Fornaro</u> Concettina	fornaro.stu diolo@gm ail.com		<u>vegetables</u> and cereals
<u>88</u>	<u>Az. Agr. Del</u> Colle Santino	<u>Farm</u>	<u>Toro</u>	<u>Italy</u>	<u>Del Colle</u> <u>Santino</u>	<u>delcolle.sa</u> ntino@virg ilio.it		vegetables and cereals

<u>89</u>	<u>Moffa Grazia</u>	<u>Owner</u>	<u>Toro</u>	<u>Italy</u>	<u>Moffa</u> <u>Grazia</u>	<u>graziamoff</u> <u>a64@gmai</u> Lcom		vegetables and cereals
<u>90</u>	Petacciato Modesto	Owner	<u>San</u> Giuliano di Puglia	<u>Italy</u>	Petacciato Modesto	info@agrib iopetacciat o.it	<u>http://www.</u> agribiopeta <u>cciato.it/</u>	Oil, Vegetable preserves, tomato preserves, jam
<u>91</u>	<u>Az. Agr. Primo</u> <u>Sole di lacovino</u> <u>Nadin</u>	<u>Farm</u>	<u>Montagan</u> Q	<u>Italy</u>	<u>Iacovino</u> Nadin	info@agric olaprimoso le.it	<u>https://agri</u> colaprimos ole.it/	vegetables and cereals. leguminou s crops,Veg etable preserves. tomato preserves. Pasta, flour
<u>92</u>	<u>Soc. Agr. Fonte</u> Santa Maria snc	<u>Partnershi</u> p	<u>Montoro</u> <u>dei</u> <u>Frentani</u>	<u>ltaly</u>	<u>Albino</u> Domenico	andreaalbi no9@gmai l.com	https://ww w.fontesan tamaria.it/	Qil
<u>93</u>	Azienda Agricola IOLANDA	Ltd	<u>Via</u> <u>Montanara</u> <u>, 2</u>	<u>Tricase</u> (<u>LE</u>) <u>ITALY</u>		trattoria.iol anda@gm ail.com	https://ww w.trattoriai olanda.co m/azienda- agricola/	<u>vegetables</u> <u>. oil</u>
<u>94</u>	Mamma Li Turchi	Ltd <u>Fish</u> <u>Restaurant</u>	<u>Via Borgo</u> <u>Pescatori,</u> <u>sn</u>	<u>Tricase</u> (<u>LE)</u> <u>ITALY</u>	Esposito Lucia			Eish restaurant, fish transforma tion
<u>95</u>	<u>Azienda Agricola</u> Ruralia	<u>Ltd</u>	<u>Via</u> <u>Tevere. 67</u>	<u>Lequile</u> (LE) <u>ITALY</u>	<u>Minonne</u> Francesco		<u>https://ww</u> w.agricolar uralia.it/	<u>Vegetable,</u> legumes, <u>cereals,</u> fruits
<u>96</u>	<u>Tesori del</u> <u>Salento</u>	<u>Ltd</u>	<u>Via</u> <u>Provinciale</u> <u>Gallipoli, n.</u> 11	<u>Parabita</u> (LE) <u>ITALY</u>	<u>Biagio</u> <u>Nicoletti</u>	<u>tesoridelsa</u> lento@yah oo.it		<u>Vegetables</u> <u>transforma</u> <u>tion</u>

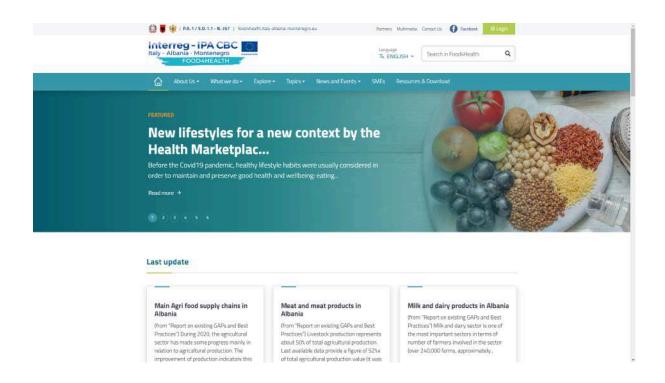
<u>97</u>	<u>Giuseppe bene</u> <u>Az. Agricola</u>	Ltd	<u>Via dei</u> <u>Pellai, n.</u> <u>60</u>	<u>Tricase</u> (LE) ITALY	<u>Giuseppe</u> <u>Bene</u>	giuseppeb ene73@g mail.com		Legumes
<u>98</u>	<u>Rehomare srl</u>	<u>Ltd</u>	<u>Via delle</u> Industrie. <u>Sn</u>	<u>Gallipoli</u> (LE) <u>ITALY</u>	<u>Fratelli</u> Reho	<u>info@inma</u> re.eu	<u>https://ww</u> w.inmare.e u/	fish breeding and processing
<u>99</u>	<u>Markelan Bacalli</u>	Production of Apple Cherry and Plum	<u>Dvoran</u> <u>Km7</u> <u>Korce-Ers</u> <u>eke</u>	Korce	<u>Markelan</u> <u>Bacalli</u>	markelan.b acalli@yah oo.com		<u>Apple</u> <u>Cherry</u> <u>Plum</u>
100	Marjol Shkembi	Apple production	Dvoran KmZ Korce-Ers eke	Korce	Marjol Shkembi	marjol.shk embi@gm ail.com		Apple
<u>101</u>	<u>Daniel Larti</u>	Apple Production	<u>Bulgarec</u> <u>Km 3</u> Korce-Pog radec	<u>Korce</u>	<u>Daniel</u> <u>Larti</u>	<u>daniellarti</u> @yahoo.c om		<u>Apple</u> <u>Cherry</u> Plum
102	Desina Ballkan	Eruits Processing And packaging	Korce	Korce	Petrit <u>Hajderlli</u>	ballkandes ina@yaho o.com	Desinaball <u>kan.com</u>	Apple <u>Cherry</u> <u>Plim</u>
<u>103</u>	<u>Aurel Latifi</u>	Production of herry and Plum	Bulgarec Km 3 Korce-Pog radec	<u>Korce</u>	<u>Aurel Latifi</u>			<u>Cherry</u> <u>Plum</u>
104	Joni Azo	Production of Apple and Plum	<u>Macurisht</u> <u>Km 10</u> <u>Korce-Bilis</u> <u>ht</u>	<u>Devoll</u>	<u>Devoll</u>			Apple Plum
<u>105</u>	Krenar Kocibelli	Apple production	Qatrom Km6 Korce-Ers eke	Korce	Krenar Kocibelli			Apple

<u>106</u>	Anduel Bacalli	Production of Apple and Cherry	<u>Dvoran</u> <u>Km7</u> Korce-Ers eke	<u>Korce</u>	<u>Anduel</u> Bacalli	anduelbac alli@hotm ail.com	<u>Apple</u> <u>Cherry</u>
<u>107</u>	<u>Baki Shkembi</u>	Production of Apple and Plum	<u>Dvoran</u> Km7 <u>Korce-Ers</u> <u>eke</u>	Korce	<u>Baki</u> <u>Shkembi</u>	Bakishkem bi1@gmail .com	Apple Plum
<u>108</u>	<u>Ergys Bregu</u>	Production of Apple Cherry and Plum	<u>Dvoran</u> <u>Km7</u> <u>Korce-Ers</u> <u>eke</u>	<u>Korce</u>	<u>Ergys</u> <u>Bregu</u>		<u>Apple</u> <u>Cherry</u> <u>Plum</u>

Conclusion

The implementation of ICT tools in the Food4Health technological platform has been successfully completed, resulting in a comprehensive and user-friendly platform. Each of the five sessions has been populated with relevant data and integrated with appropriate technologies to enhance functionality and user experience.

For the usability of the platform, the internet domain <u>www.food-4-health.eu</u> has been registered, where users can connect to use the services offered.





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Regione Puglia – Health Marketplace

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With Health Innovation, technological innovation applied to health, responds to the growing demand from citizens for higher quality and social care attention.



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Puglia Region

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SARS-CoV-2 and Apulian Lifestyle Special Health Marketplace Coordination Structure best pratices

New lifestyles for a new context \rightarrow by the Health Marketplace Special Coordination Structure of the Puglia Region

The Apulian Lifestyle project by 🗦 the Health Marketplace Special Coordination Structure of the

The implementation and continuous population of the Food4Health ICT platform represent an important tool for the entire program area in order to transfer and share knowledge and services aimed at developing entrepreneurship and the competitiveness of companies.

A mission in line with this promoted since its foundation by the Health Marketplace Coordination Special Structure of the Puglia Region which coordinates the Interreg Food4Health project and has strongly contributed to its conception.

The 5 pillars of the Food4Health ICT Platform

🏠 📱 🍁 | P.A. 1 / S.O. 1.1 - N. 357 | Soud-health.italy altania-manteregro.eu

QUALITY AND SUSTAINABILITY: Strengthen the traceability of typical and traditional products, using, for example, the collective brands "Quality Products" Puglia, and "Sustainability", through production protocols;

CITIZENS AND CONSUMERS: Improving consumer education on nutrition, health and well-being



The production increase is attribute mainly to:

 Orientation toward the production of vegetables, citrus and aromatic plants and arable plants; The increase of area planted in greenhouses and tunnels:

Marketplace Special Coordination Structure of the Puglia Region

Deliverable D.T3.3.3

Content management

Each partner involved in the activity will identify at least an expert technician in charge of developing and continuously updating in progress data and information compared to the advance of design activities until the end of the project, with special reference to the 5 distinctive sessions of the platform.

PERFORMED ACTIVITY

For the content management activity undertaken for the Food4Health technological platform, each project partner has identified an expert technician responsible for the development and continuous updating of the data and information relating to the five distinctive sessions of the platform: traceability of product origins, food education, demand and supply of innovation, animation of virtual communities of practices, launch of databases and innovative SMEs.

Expert Technicians and Their Roles

Each participating partner has appointed a dedicated expert technician to oversee the content management for specific sessions of the platform. These technicians are responsible for ensuring that the content is current, accurate, and relevant to the platform's users.

Traceability of Product Origins

Responsibilities:

- Develop and maintain data related to the origins of food products.
- Integrate traceability data using blockchain technology.
- Regularly update information on product certifications and supply chain stages.

Activities:

• Collaborated with food producers to gather traceability data.

• Conducted regular audits to verify the accuracy of traceability information.

Food Education

Responsibilities:

- Curate and update educational content on nutrition and healthy eating.
- Develop interactive educational materials such as videos and, articles.
- Monitor user engagement and feedback to improve content quality.

Activities:

- Created a series of nutrition webinars and interactive tutorials.
- Developed a chatbot for personalized dietary advice.
- Updated educational resources based on the latest research in nutrition science.

Innovation Demand and Supply

Responsibilities:

- Manage data related to innovative food solutions and market demands.
- Facilitate the connection between innovators and those seeking new food solutions.
- Analyze industry trends to provide insights on innovation opportunities.

Activities:

- Established an online marketplace for showcasing innovative food products.
- Developed tools for trend analysis and demand forecasting.
- Updated the marketplace with new products and innovation highlights.

Animation of Virtual Community of Practices

Responsibilities:

- Foster engagement within the virtual community of practices.
- Manage user-generated content and discussion forums.
- Organize virtual events and webinars to promote community interaction.

Activities:

- Launched community forums and discussion boards.
- Organized monthly webinars featuring experts in nutrition and health.
- Implemented gamification features to encourage community participation.

Database Start-up and Innovative SMEs

Responsibilities:

- Populate and maintain a database of start-ups and SMEs involved in food innovation.
- Ensure the accuracy and relevance of business profiles and innovation data.
- Facilitate networking and collaboration opportunities for start-ups and SMEs.

Activities:

- Created comprehensive profiles for start-ups and SMEs.
- Integrated advanced search and filter tools for easy data access.
- Regularly updated the database with new entries and business metrics.

Content Management Strategies

The content management strategies employed by the expert technicians include:

- 1. <u>Regular Updates</u>: Scheduled updates to ensure that all information remains current and relevant.
- 2. <u>Quality Assurance</u>: Regular audits and verification processes to maintain the accuracy and integrity of data.
- 3. <u>User Feedback</u>: Continuous collection and analysis of user feedback to guide content improvements.
- 4. <u>Collaboration</u>: Ongoing collaboration between technicians, stakeholders, and external partners to enrich content.

Progress and Achievements

<u>Comprehensive Content Development</u>: Successfully developed and populated the platform with comprehensive content across all five sessions.

<u>User Engagement</u>: Achieved high levels of user engagement through interactive and educational content.

<u>Data Accuracy</u>: Maintained high standards of data accuracy and reliability through rigorous quality assurance processes.

Challenges and Solutions

<u>Data Integration</u>: Integrating diverse data sources was a challenge. This was addressed by developing robust platform and innovative solutions.

<u>Keeping Content Current</u>: Ensuring continuous updates required significant effort. Dedicated schedules and automated reminders helped manage this effectively.

<u>User Feedback Incorporation</u>: Incorporating user feedback in a timely manner was crucial. An agile approach to content management allowed for rapid adjustments based on feedback.

Conclusion

Management and organization of the online ITC Platform project at https://food-4-health.eu/ focused on traceability of product origin, nutrition education, innovation supply and demand, animation of virtual communities of practices, databases of innovative start-ups and MSMEs.

Following these indications, five "axes" or "themes" have been structured in collaboration with CIHEAM Bari.

Quality and sustainability

Strengthen the traceability of typical and traditional products, using the collective brands "Products of Quality" Puglia, and "Sustainability", through production protocols.

Citizens and consumers

To improveeducation on nutrition, health and well-being (Apulian lifestyle) through the dissemination of information, frequently asked questions, videos, good practices, etc.

Knowledge and innovation for sustainable consumption

Transfer of knowledge and innovation by meeting SMEs and researchers.

Participatory development

Animation and promotion of the community dialogue of SMEs on good practices.

Context of the numbers

Creation of databases of innovative SMEs and research centers.

The content management activities for the Food4Health technological platform have been successfully implemented, ensuring that each of the five sessions is populated with accurate, current, and relevant information. The dedicated expert technicians have played a pivotal role in this process, continuously updating and improving the platform's content to meet user needs and expectations.

> The Special Structure "Health Marketplace Coordination" of the Puglia Region Dr. Felice Ungaro