

Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference - DeRC 2014

Prototype title: Cross-border Young Entrepreneurs eCollaboration.

Short description of the prototype:

Young Entrepreneurs eCollaboration is an initiative of 6 Mayors from Danube Region to address the challenge of employability of young people. The project aims at opening the international markets for young entrepreneurs trough eCollaboration with partner municipalities in the region.

Enabling young people to equally join labor market expand their working environments and enhance

their capacity to use on-line tools in their day to day work. Trough this project we will connect Young Entrepreneurs in the region, that share similar challenges and will address those trough enhance eCollaboration that will be more than a transfer of promising practices – it will be opportunity to learn, grown and develop partnerships in the regions for a very specific group of young people. For young people that are on the beginning of their professional paths, but are already actors of change in their local communities – we aim to empower them with this project to go beyond their local communities and enhance their chances of success with regional connections and support.

All this will be achieved trough strong involvement of e-technology as we plan to use a system of collaboration that will be based on cloud computing and will enable all participants in the project to share their resources and information in real time.

Special focus will be put to develop a mentoring system that will develop a cross-generational cooperation with the same general aim: to address the shortcomings of the young people when starting their professional path. To achieve this the Third Age University of Škofja Loka has joined the project and we are encouraging other NGOs and entitles that gather more experienced entrepreneurs and academics to join in the supporting role to the project.

Young Entrepreneurs will benefit from this collaboration in several ways: trough exchange of knowledge, trough mentoring system that will encourage them to lean on the experiences of older generation and foremost trough constant access to the realities of their partners – young entrepreneurs in other parts of Danube regions.

We have set a very tenable objective for this project that will show, if it is eCollaboration is fulfilling its mission and is ready to step much higher after one year. We aim to achieve an direct sell of the products the young entrepreneurs from 6 Municipalities to the other local markets in the project. If we achieve this, we will be certain that international dimension and ability of their work in the Danube Region has highly increased.

The main stakeholders in this project are Mayors from Municipalities in Danube Region that are already investing in programs developing and promoting young entrepreneurs as they recognize public benefit in them. This partnership will be enriched with Universities, researchers and private sector companies.

ICT requirements for the prototype deployment in another organization/country:

The ability to be able to upload data in simple format to the common cloud platform and use various communication channels to host online meetings.

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

- Mag. Miha Ješe, Mayor, Municipality of Škofja Loka & Coordinator, Neighboring eMunicipalities Gorenja vas Poljane, Škofja Loka, Železniki, Žiri, Slovenia
- Jože Levstek, Mayor, Municipality of Ribnica, Slovenia & Coordinator, Neighboring eMunicipalities Loški potok, Ribnica and Sodražica, Slovenia
- Bojan Sever, Mayor, Municipality of Idrija, Slovenia
- Gábor Huszár, Mayor (tbc)
- City of Szentgotthárd (Monošter), Hungary
- Markus Hofmann, Mayor (tbc), Municipality of Bad Kötzting, Germany
- Rok Šimenc, Director, Development Agency SORA d.o.o. Škofja Loka, Slovenia
- Borjana Koželj, Director, Third Age University of Škofja Loka, Slovenia

What type of partners are we looking for?

We are looking for Municipalities in the Region that are sharing our objectives on enabling young entrepreneurs from the region trough e-cooperation and e-learning platform that would be dedicated to their cooperation.





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference – DeRC 2014

Prototype title: Automotive Tyres eProcurement from Requirements Planning to eInvoice

Short description of the prototype:

Importers and distributors needs close connection with producers to receive goods at desired time. Receiving goods too early means unnecessary blocking of money due to stock financing, receiving goods too late means loss of business and waiting for new season to sell remaining stock. Timing is critical. On the other hand, producer needs forecasts and orders to be able to plan production and shipping of goods on time. Forecasts and orders are sent in different formats and then manually entered into contracts and invoices.

Goals of this prototype are:

- Cross organizational process mapping
- Definition of the required documents and data to be provided
- Translating Chinese elnvoice to EU/national standard elnvoice
- For possible further development of the solution:
- * Definition of the needed technical infrastructure
- * Frequency of exchange
- 1. Order processing issues

Order confirmation time; confirmation time is too long due to too many email exchange process.

Order item change; ordered goods or their quantity is changed without prior notice.

Order traceability; traceability of ordered goods when they are already shipped.

2. Goods transit issues

ETA (Estimated time of arrival); automatic connection between transport company and our internal system which would provide us automatic update of ETA.

Freight Documents; documentation that follows goods in transit takes too much time to process (solution TELEX release)

Supply issues

Supply processing; a lot of manual work with data insertion. Lack of automatization in the document handling procedure.

Tyre serial number; supplier to include tyre serial numbers on packing list or form of delivery for easier traceability in claim

Claim duration; if claim is opened for certain period of time, indication in the system needs to popup in both locations (supplier - buyer).

Benefits, expansions:

Reduced employees workload inside involved organizations. Seamlessly organized process across boundaries of organizations and countries. Reduced possibility of errors. Increased productivity. Further expansion is possible with

ICT requirements for the prototype deployment in another organization/country:

The prototype requires secure connection or other way of keeping data secure from unauthorised access or data altering. Broadband internet access and server certificate (authorisation).

Expected cross-border impacts:

Integrating big production facility in China with SME in EU across different continents. Translation of Chinese elnvoice to EU national standard. Avoiding possible misunderstandings due to cultural and language differences.

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

Leon Chen, export director, Aeolus tyre, China Wei Wei, export assistant, Aeolus tyre, China Nataša Jakop, purchase assistant, Famm Co, Slovenia

Javor Čeh, IT specialist, Famm Co, Slovenia Igor Zorko, director, ZZI, Slovenia

Branko Lozej, IT manager, Intereuropa, Slovenia

What type of partners are we looking for?

Famm Co is SME type of company which uses Google apps for business, for purpose of this prototype we are looking for ERP software provider with cloud based solution that integrates processes across functions and organizations.

Furthermore we inviting logistic companies, automotive industry producers from other countries to join and develop this prototype.





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference - DeRC 2014

Prototype title: LOKeT (Local e-market)

Short description of the prototype:

(problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references):

Ensuring food security and promoting sustainable agricultural practices are two major global challenges for European agriculture that will be in the front line for many of the challenges that European society is facing today (economic, social and environmental challenges). The local food system plays an important role for achieving mentioned challenges especially in today global oriented market.

The prototype LOKeT (Local e-market) is a Pilot that is utilizing innovative approaches of mobile e-service and application that was developed for the mobile platforms and was introduced in Slovenia in south region of Dolenjska and Bela Krajina. A pilot case of a local food mobile service is easily connecting consumers and producers through the open platform LOKeT developed as a collaboration between academia and industry.

LOKeT, a Pilot Programme of local food market mobile services, was designed like an bottom-up open approach for the support to the classical top down approaches implementing importance of local food systems with promotions of Agricultural and food products. Latter are not sufficient instruments to be successful in today information society, however new technologies enables better and easier integration of information and services in rural area that can be integrated to new added value of local products and offers in regional areas.

References: LOKeT application development - European Regional Developement Fund and Slovenian Ministry of Education, Science and Sport

ICT requirements for the prototype deployment in another organization/country:

Skills of education activities in information technology for introducing the mobile apps in crossborder areas

Expected cross-border impacts:

raising awareness of fair trade and sustainable development in region, promoting local products on cross border areas, new added value on rural cross border areas, raising awareness of fair trade and sustainable development in region, new services, healthier food, common branding of products...

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

Matej Mertik, Faculty of information studies, researcher and professor assistant, Slovenia

Igor Hrovatič, Center of biotechnology and tourism GRM, lecturer, Slovenia

Ivica Štambuk, Croatian chamber of trades and crafts, sector for associations, Croatia Wolfgang WEBER GeoSys Wirtschafts- und Regionalentwicklungs GmbH, director, Austria

What type of partners are we looking for?

regional agencies, agricultural cooperatives, public bodies





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference - DeRC 2014

Prototype title: eProcurement chains, case: kindergartens, schools, hospitals, retirement homes

Short description of the prototype:

(problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references): Organic and local foods are problematic because of the provision of appropriate quantities to each public institution. The needs are for greater cooperation with producers and neighboring countries. There are large differences between public institutions in the preparation of the contracts for food delivery. Every single head of nutrition is looking for local food providers. Some producers are not willing to cooperate or deviate from the contract because they do not want to commit for a certain period. They do not connect fast enough and do not know the needs of public institutions.

The overall objective of the project is "to cooperate beyond borders to make central European cities and regions better places to live and work" by implementing smart solutions answering to regional challenges in the fields of innovation, low--carbon economy and environment.

As defined in the Central Europe (namely Austria, Croatia, the Czech Republic, Hungary, Poland, Slovakia and Slovenia, as well as parts of Germany and Italy) from 2014 to 2020 relief differences partner countries also affect the great diversity of climatic conditions, land use soil settlement and economic structures, accessibility, developmental processes and environmental problems. Great diversity is a key strategic factor for the development of the area and should be used to enhance sustainable economic growth and territorial cohesion.

There is the need to bring innovation closer to market needs and respond better to user needs. Identified needs are effective community development strategies, well-being through territorial innovation, competitive and sustainable products and services, trans- national networking, state-of-art research attractiveness, user engagement and relevant research outcomes. Necessary is to elaborate the prototype that will be beneficial for neighboring countries and bringing together different systems and will establish a link between the supply and demand for local foods.

Main stakeholders are public institutions (kindergartens, primary schools, secondary schools, colleges, hospitals and retirement homes), farms, cooperatives, social enterprises.

Pilot can be upgraded with a link to existing databases. In public institutions can be used to obtain offers and submission of

ICT requirements for the prototype deployment in another organization/country:

The use of standard coding system activities, the FAO food categories, the EU classification of regions, etc.

Expected cross-border impacts:

raising awareness of fair trade and sustainable development in region, promoting local products on cross border areas, new added value on rural cross border areas, raising awareness of fair trade and sustainable development in region, new services, healthier food, common branding of products...

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

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Irena Hočevar M. Sc., Food Procurement Manager, General Hospital Novo mesto, Slovenia

Skok Anton, director, uNTS, Kranj, Slovenia

Rok Šimeno, Director Development Agency Sora, Škofja Loka, Slovenia Jerneja Klemenčič Lotrič, M. Sc., adviser, Development Agency Sora, Škofja Loka, Slovenia

Karmen Romih M.Sc., Director, Nursing Home Viharnik Kranjska Gora, Slovenia

András Bittsanszky, senior research fellow, Centre for Agricultural Research of the Hungarian Academy of Sciences, Hunga-

János Bittsánszky, president, Hungarian Horticultural Council, Hungary

András Tóth, manager Indere Analytical and Economic Research Institute, Hungary

Csaba B. Illés, full professor, Szent István University, Faculty of Economics and Social Sciences, Hungary

Darija Pešut, Office Manager, College for Information Technologies, Croatia

Maria Consiglia Sorrentini, Manager of Education and Sport, municipality of Portici Naples, Italy Gemma La Sita, primary school L. Da Vinci - Comes D.M, Italy

What type of partners are we looking for?

Primary schools or secondary schools in Austria, Croatia and Hungary. Hospitals in Hungary, Italy and Croatia.





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference – DeRC 2014

Prototype title: Danubian Tool-Kit

Short description of the prototype:

(problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references):

The European Union launched the second macro-regional strategy, the EUSDR in 2011. The macro-region contains MSs of the EU, candidate countries and countries the accession of which to the EU is not expected in the near future. However, Danube has a common indentity-giving power, the several douzens ethnic groups living in the Danubian area have a common cultural heritage described e.g. by Claudio Magris, in his famous book. At the same time, when starting cooperation, the stakeholders face the problem of diverse languages, political-historic inheritances, administrative systems and governing practices, all in all: the lack of proper information about each other.

For a better performance of the Action Plan of EUSDR and for the smart achievement of the objectives set together by the European institutions and the macro-regional partners a better mutual understanding and higher level of information exchange are needed.

Danubian tool-kit will be a geographically based information system facilitating at the same time the set of statistical data and dat on potential project partners, the preparation of analyses and surveys on the entire territory of the EUSDR and the preparation and implementation of common projects based on real territorial needs.

During the preparation of the territorial analysis of the Danube region the colleagues of CESCI realized that there were numerous data which were not available in the same set, time frame, at the same territorial units in the different countries. When starting a common project, it is crucial to see clearly the starting situation. The necessary developments at macro-regional level should be based on reliable territorial data. In addition, there is a need for long-term, strategic partnerships which is impossible without a tool for search. According to our preliminary ideas, the Danubian tool-kit should provide the stakeholders with these types of information. The final list of functions of the system should be elaborated together with the partners.

ICT requirements for the prototype deployment in another organization/country:

There are no such requirements.

Expected cross-border impacts:

The project aims at strengthening cooperation of R+D centres within the Danubian area with a macro-regional scope. The planned platform enables the local stakeholders to prepare territorial analyses when elaborating common macro-regional projects and to find partners from different Danubian countries for their project ideas.

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

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Dalibor Radovan, PhD, Head of R&D Sector, Geodetic Institute of Slovenia Roman Rener, M. Sc., Head of Marketing, Geodetic Institute of Slovenia

What type of partners are we looking for?

We have invited partners from Austria, Bulgaria, Romania, Serbia and Slovenia but the partnership is open for further interested researchers from the Danube region, as well. In accordance with the topic of the project, we are looking for partners with good skills in territorial data base development and process as well as with knowlegde of GIS applications.





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference - DeRC 2014

Prototype title: Personal Health Assistant for Mobile Applications (PHAMA)

Short description of the prototype:

(problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references): Direct and indirect economic costs related to chronic diseases are increasing in Europe due to the aging of population. One of the most challenging goals is to improve the quality of life of patients affected by chronic conditions, and enhance their social inclusion.

PHAMA aims to develop mobile tools to keep patients with chronic diseases away from acute episodes to improve their quality of life and to reduce their economic impact. To this end, allowing them to manage their own health, increasing their awareness, is essential.

We intend to achieve these challenges through:

- the effective personalization of the mobile technology based on chronic condition, social-cultural-psychological factors, personal data and lifestyle;
- the leverage of gamification in managing chronic diseases: patient will be able to challenge themselves, and interact with other patients in cooperative games improving their awareness, compliance and motivation, through a mobile device;
- the creation of a tool for the active involvement of friends and relatives in the daily lives of frail citizens;
- the development of the Lifestyle Decision Support System (LDSS): an innovative tool designed with the aim of providing patients with more knowledge about their conditions and the disease they are affected by, and guide them towards a healthy lifestyle;
- the progressive self-improvement of the proposed technology response and interaction, through the automatic measurement of patients' and clinicians' experience with the system (Quality of Experience);
- a mobile social portal: aimed not only at the virtual socialisation but filled with social contents of the nearby real environment (events next to the place he lives, patient associations meetings, etc.), we intend to enforce the citizen commitment in the self-management of care also through an empowered social inclusion.

These features will be developed taking into account two important aspects: data security and software certification 93/42/

The main stakeholders of the project are involved in the healthcare field: scientific entities, industrial players, healthcare providers and last but not least patient associations, related to the chronicities addressed by the project.

At the moment, the project has been submitted to Horizon 2020 program and it is under evaluation by the European Commission.

ICT requirements for the prototype deployment in another organization/country:

There are no such requirements.

Expected cross-border impacts:

All the Danubian Countries have to face with population aging and the related issues, such as quality of life improvement for patients affected by chronic diseases. We aim to test our prototype in different countries, in order to share the experiences and involve health organizations located in different areas (indeed, our prototype will be multi language).

Moreover, both Hospitals and SMEs located in different European areas will collaborate and work together in order to reach the same goal of cooperation aimed to increase the wellbeing of their citizens. e.g. Slovenian Clinicians and Polish Engineers can collaborate during the testing phase of the prototype taking care of Italian patients.

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

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What type of partners are we looking for?

Patients and Clinicians Associations.





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference - DeRC 2014

Prototype title: Door-to-door distribution of food products

Short description of the prototype:

(problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references): To make model for ordering and picking food products from farm for distribution in Slovenia and cross border with logistics provider which could offer picking today and delivering tomorrow. The products could the customer buy through web shop.

ICT requirements for the prototype deployment in another organization/country:

None

Expected cross-border impacts:

Logistics distribution also in neighborhood countries

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

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Austria

Professor Zvonko Kavran, University of Zagreb, Faculty of Transport and Traffic sciences

Croatia

Peter Bayor, Teaching Assistant, Széchenyi István University

Hungary

Andrej Rihter, MSc, Post of Slovenia, Authorized Officer of the Executive Management for Economic Affairs

Slovenia

What type of partners are we looking for?

Research companies and faculties in field of logistics.





Cross-border eSolution/eService Prototype Development Proposal

Presentation event: 4th Danube eRegion Conference - DeRC 2014

Prototype title: eProcurement chains, case: kindergartens, schools, hospitals, retirement homes

Short description of the prototype:

Organic and local foods are problematic because of the provision of appropriate quantities to each public institution. The needs are for greater cooperation with producers and neighboring countries. There are large differences between public institutions in the preparation of the contracts for food delivery. Every single head of nutrition is looking for local food providers. Some producers are not willing to cooperate or deviate from the contract because they do not want to commit for a certain period. They do not connect fast enough and do not know the needs of public institutions.

The overall objective of the project is "to cooperate beyond borders to make central European cities and regions better places to live and work" by implementing smart solutions answering to regional challenges in the fields of innovation, low-carbon economy and environment.

As defined in the Central Europe (namely Austria, Croatia, the Czech Republic, Hungary, Poland, Slovakia and Slovenia, as well as parts of Germany and Italy) from 2014 to 2020 relief differences partner countries also affect the great diversity of climatic conditions, land use soil settlement and economic structures, accessibility, developmental processes and environmental problems. Great diversity is a key strategic factor for the development of the area and should be used to enhance sustainable economic growth and territorial cohesion.

There is the need to bring innovation closer to market needs and respond better to user needs. Identified needs are effective community development strategies, well-being through territorial innovation, competitive and sustainable products and services, trans- national networking, state-of-art research attractiveness, user engagement and relevant research outcomes. Necessary is to elaborate the prototype that will be beneficial for neighboring countries and bringing together different systems and will establish a link between the supply and demand for local foods.

Main stakeholders are public institutions (kindergartens, primary schools, secondary schools, colleges, hospitals and retirement homes), farms, cooperatives, social enterprises.

Pilot can be upgraded with a link to existing databases. In public institutions can be used to obtain offers and submission of demand.

ICT requirements for the prototype deployment in another organization/country is the use of standard coding system activities, the FAO food categories, the EU classification of regions, etc.

ICT requirements for the prototype deployment in another organization/country:

There are no such requirements.

Expected cross-border impacts:

The main challenges are related to the need to reduce economic and social disparities by strengthening integration, achieving harmonized standards of efficiency and quality improvement of existing or new networks and cooperation.

Pilot testing will contribute to the connectivity options between producers and public organizations, which may allow the provision of public institutions with local food. This will enable easier communication between supply and demand. The Danube region is expected to raise the quality of food in public institutions. At the same time, it will develop new green jobs.

Proposer - contact person

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Existing partners (name & family name, position, organization, country):

Universita degli studi di Trieste, Italy; TBVS Group Spa, Italy; Universidad de Valladolid, Spain; Instituto de Telecomunicacoes, Portugal; Inova Mais, Portugal; Univerzitet u Novom Sadu, Serbia; Univerzitetni Klinični Center Ljubljana, Slovenia Instituto de Biomecanica de Valencia, Spain; Infermedica, Poland; Azienda Ospedaliero Universitaria, Trieste, italy Azienda per i Servizi Sanitari Triestina, Italy; ChilversMcCrea Healtchare, UK

What type of partners are we looking for?

Patients and Clinicians Associations.

