



Prototype eSolutions & eServices Presentations

Jože Gričar

Professor Emeritus of the University of Maribor

Program Coordinator, Inter-Municipality Initiative:

Cross-border eCollaboration in the Danube eRegion

<http://eLivingLab.org/CrossBordereRegion/InterMunicipality>

Gricar@FOV.Uni-Mb.si

<http://eCenter.FOV.Uni-Mb.si/Gricar>, <http://eLivingLab.org>

ICT-Powered eRegion



eRegion

In the eRegion
business & government
organizations,
as well as individuals,
extensively use
eTechnologies
in order to support
their work



Napisal
FRAN LEVSTIK

Naslikal
TONE KRALJ

Inter-Municipality Initiative: Cross-border eCollaboration in the Danube eRegion

<http://eLivingLab.org/CrossBordereRegion/InterMunicipality>

Participants in Slovenia (as per September 2011)

- **Town Municipalities** (Ljubljana, Maribor, Murska Sobota, Novo mesto, Ptuj);
- **Neighboring Municipalities** (Mirna, Mokronog-Trebelno, Šentrupert);
- **Tourist Organizations** (Bled Tourist Board, Cave Postojnska jama, Grand Hotel Union Ljubljana, Slovenian Tourist Board);
- **Regional Chambers of Commerce** (Koper, Krško, Maribor, Murska Sobota, Novo mesto, TRC Koroška);
- **Regional Chambers of Craft and Small Business of Slovenia** (Maribor);
- **Development Centres** (Novo mesto, University development center and university incubator of Primorska Ltd., Koper);
- **Companies** (Intereuropa d.d. Koper, Gorenje d.d. Velenje);
- **Organizers of major international events** (Maribor 2012 Public Institute - European Capital of Culture, Maribor Festival, Radovljica Festival)
- **IT providers** (Bankart, Geodetic Institute of Slovenia, Mobitel, Panteon Group Kranj, Postal Services of Slovenia, Realis Ljubljana, SAP Ljubljana, SRC Ljubljana, Telekom Slovenija);
- **Supporters – National Administrations** (Ministry of the Environment and Spatial Planning, Ministry of Finance, Ministry of Higher Education, Science and Technology);
- **National Assembly Deputies;**
- **Universities** (Maribor, Primorska)

Objectives of eSolutions and eServices for a Cross-border eCollaboration

- Innovativeness
- User-centricity
- Simplicity
- Low-cost accessibility
- Web sites connectivity
- Multi lingual eSolutions & eServices
- Support to major cultural & sport events
- Support to cross-border eBusiness of SMEs
- Openness to the organizations in Slovenia and other countries
- Experimenting in the Living Lab Environment

Prototype

A prototype is
an early sample or model
built to test a concept or process
or to act as a thing to be replicated
or learned from.

Wikipedia

A prototype is a basis for a development
of a **pilot**.

Prototype Types

- **Technology prototype** – a new operational eSolution or eService.
- **Organizational prototype** – a **new** operational eSolution or eService in an organizational setting, or an **already proven** eSolution or eService in a **new organizational setting**.

A basis of a prototype development
is a **problem**
for which the stakeholders
have interest in solving it.

Living Lab

A Living Lab is an environment in which researchers, developers and users cooperate with the common objective of delivering a tested product, solution or service respecting the users' requirements in a shortest time possible.

The environment may be a city, a region within a country, an industry, a supply chain or a whole country.

Innovation for Life Quality: Slovenia Living Lab

Slovenia's Country-wide Initiative, July 2007

<http://SloveniaLivingLab.org>

- Focusing on few research & development projects of the highest relevance to the country.
- Gaining practically useful high added-value solutions by pilot implementations.
- Providing for interoperability of the existing technology platforms.
- Improving a long-term oriented collaboration with the most developed countries.
- Obtaining political support for the initiative accomplishment where, and when the government support is needed.

Open Innovation

Open innovation is a paradigm that assumes that firms can and should use external ideas as well as internal ideas, and internal and external paths to market, as the firms look to advance their technology.

The boundaries between a firm and its environment have become more permeable; innovations can easily transfer inward and outward.

The central idea behind open innovation is that in a world of widely distributed knowledge, companies cannot afford to rely entirely on their own research, but should instead buy or license processes or inventions (i.e. patents) from other companies.

ICT-Powered eRegion



Invitation to a Cross-border eCollaboration

- Inter-Municipalities eCollaboration
- Inter-eRegions eCollaboration
- eMobility
- eBusiness for SMEs
- eInvoicing & eProcurement
- eHealth & eInclusion
- eTourism
- eParticipation & eDemocracy
- eResponse in Disaster
- eGeographic Applications
- eCrime



ALADIN

ALpe Adria Danube
universities INitiative

<http://www.ALADIN.UniTs.it>



Universities:

Graz, Austria

Medical Graz, Austria

Mostar, Bosnia & Herzegovina

Sofia State L&IT, Bulgaria

Dubrovnik, Croatia

Rijeka, Croatia

BU Prague, Czech Republic

BW München, Germany

Trento, Italy

Trieste, Italy

Budapest, Hungary

Politeh. Bucharest Romania

Novi Sad, Serbia

TU Košice, Slovakia

Maribor, Slovenia

Primorska, Slovenia

St.Gallen, Switzerland

eALADIN

Cross-border eCollaboration Events in Slovenia

Danube eRegion Conference - DeRC

Grand Hotel Union, Ljubljana, September 20, 2011

<http://eLivingLab.org/CrossBordereRegion/DeRC/Program.htm>

2nd Danube eRegion Conference – DeRC 2012

Ljubljana, Slovenia, September 2012

Location and date to be indicated

Conference Committee:

<http://eLivingLab.org/CrossBordereRegion/DeRC2012>

Prototype Presentations

- Cross-border eInvoicing
- Interactive City Information Point
- 3D Planning Information
- Technology Neutral Access to Municipality's Information Portal
- Cross-border eTourism
- Health Institutions Interoperability
- eEnvironment of the Neighboring Municipalities