

OPEN DATA NODE (ODN): All You Need to Publish and Manage Open Data

Type of the presentation: *In-use contribution* (Topic: Optimized architectures)

Summary:

How to make the publishing of data in open formats smooth, automated and affordable? This question will be answered in the proposed presentation that explains modular functionalities of Open Data Node (ODN) – open source platform for open data management. The deployment and integration of ODN within particular internal system of organizations (pilots) will be demonstrated, as well as the usage and maintenance of the software. It enables any type of public bodies to publish sustainably its data as high-quality Open Data. ODN has been developed within the [FP7 project COMSODE](#) together with accompanying methodologies.

Contributor profiles:

Ing. Gabriel Lachmann graduated from the Faculty of Electronics and Informatics, STU in Bratislava (SK). Since 2003, Gabriel holds position of business development director (CBO) in IT System integrator EEA s.r.o. that is active mainly in the Central Europe area and is a technology partner of the Comsode project.

In addition, he is the co-founder of NGO Utopia.sk and a member of Society for open information technologies in Slovakia (www.soit.sk). As a participant of Utopia activities, Gabriel coordinated the establishment of OpenData community in Slovakia (www.opendata.sk), for the purpose of providing both, opening up of governmental data and methodological and technical support to participatory communities of Utopia's and Open Data communities' structure.

Mgr. Miroslav Konečný is a senior innovation consultant at ADDSEN. He graduated from School of Social Studies, Masaryk University, Brno (CZ) in European studies and International relations. Miroslav has been working since 2006 as a project manager for FP7 and structural funds scientific projects. He has extensive management skills and sense for inclusive business development. Since 2013 he has been coordinating the User Board activities of the FP7 project COMSODE and driving dissemination efforts of the consortium.

Extended abstract:

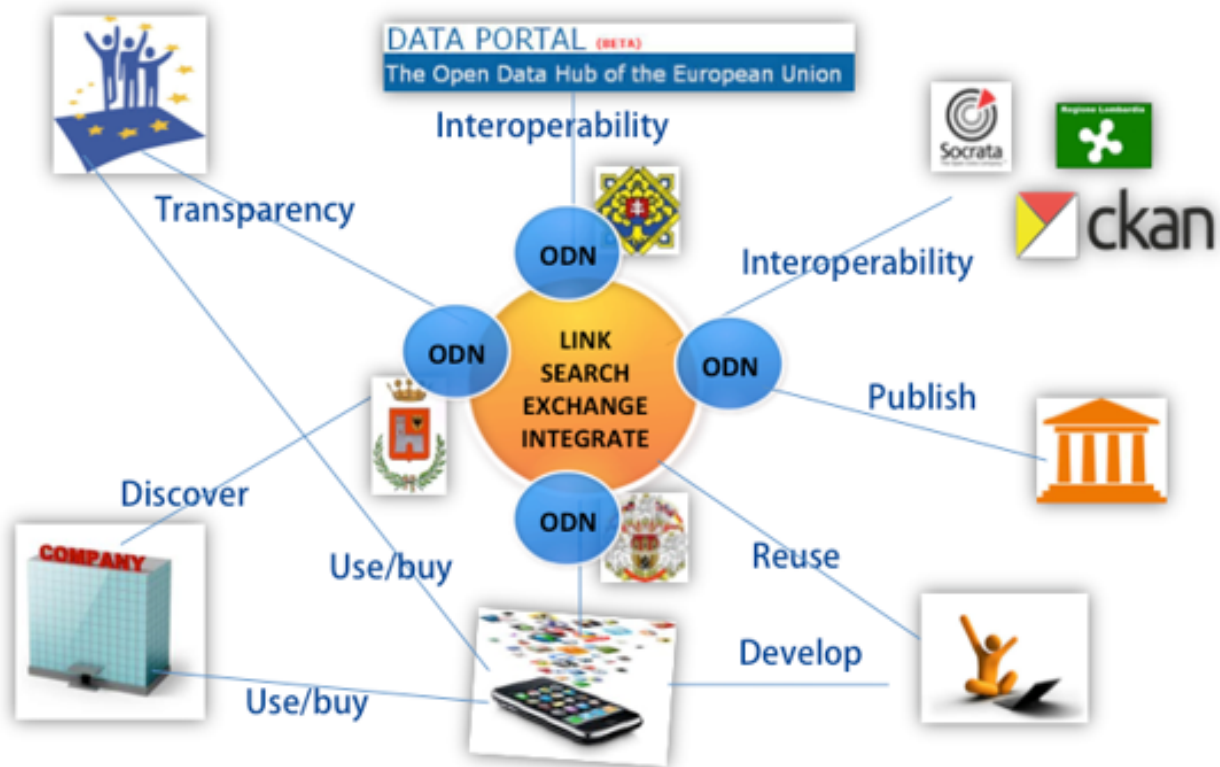
Objectives: The main objective is to demonstrate an innovative Open Data publication process and lessons learned from its use in real operational conditions. We believe, it can inspire various types of institutions (both public and private) from EU member states to really benefit from Open Data potential for greater transparency and enhanced collaboration by using linked data.

The practical results of FP7 COMSODE project dedicated to the development of components for Open Data publishing - the software and other tools & their pilot deployment will be the main topic to be discussed and showcased. Community of Open Data users and publishers can be targeted by concrete "testimonies" and user stories presented during the presentation.

As a result, the presentation of "Open Data Node" could contribute to the development of innovative business initiatives across the EU, based on exploitation of Open Data Node and other tools. Especially, it will contribute to tackle some of the priorities defined by the new Juncker's Commission objectives: to strengthen the Europe's competitiveness and public transparency and at the same time to stimulate the innovative climate of ICT entrepreneurship growth and public sector effectiveness.

The presentation will demonstrate on several use cases a complete value chain of Open Data management from different perspectives. The public sector Use cases in form of typical (1) middle range European city (2) Trade inspection office (3) Environmental state agency and (4) University will present the advantages on ODN from their perspective.





Snapshot 1: Open Data Node impact on data exchange

The presentation will be designed for various types of stakeholders:

- Public bodies representatives that are interested in innovations for data management architecture in their institutions but do not have the right tools on their disposal (ODN is an Open Source Software);
- ICT community that can benefit from deployment of easy-to-use Open Data publication tools that support the whole life-cycle of the Open Data from the developer point of view;
- Small and Medium Enterprises, NGO sector or citizens that can benefit from the re-use of published Open Data and to work above them (e.g. to build the applications based on the public available data);
- Representatives of European FP7/ H2020 projects and other initiatives dedicated to the topic of Open (Linked) Data, semantics or eGovernment that can find synergies among the technological solutions and other methods used in the USE CASES implementation.

The Presentation will provide a clear demonstration of innovation (both technology and process) for exploitation of Open Data. **Inspiring Use cases of deployment of ODN will provide participants with complex information about publication of Open Data could be smooth, automated and affordable, by the use of modular open-source platform ODN.** The COMSODE user-friendly tools enable free access of any type of institutions to "produce" high-quality Open Data. As the ODN is an Open source software it enables easy development of business applications by anyone interested.

Importantly, COMSODE and the ODN software help to prepare public sector institutions for the Directive 2013/37/EU on the re-use of public sector information that has to be implemented within the all EU countries by 2015. The presentation will stimulate creative ideas for topics such as ICT-enabled Open Government or Interoperability solutions for public administration.