Role of Open Data in Research Institutions with International Significance

Szeged has been known in Hungary as a central location for open software development and utilisation: the municipality of Szeged was among the first town administrations in Hungary to use open software in large applications and the University of Szeged is an acknowledged development center of open software solutions in Hungary.

The Regional Innovation Agency (RIA) of the South Great Plain region has been a promoter of innovation in the key thematic areas of the region, including IT development, as well. Several cluster initiatives have been implemented in the course of the years in cooperation with partners in the neighbouring regions, including also Timisoara and especially Tehimpuls Association and its professional partners. One of the most successful initiatives was the Cluster2Success project where Romanian and Hungarian IT companies met several times with the objective to work out new innovative solutions together.

One of the actual challenges that the activities of the RIA have focus on is the development of IT background of the Extreme Light Infrastructure (ELI) project as it will be a key infrastructure for research and development not only in Szeged but also in the wider region. The experiments that the researchers will conduct at the ELI facility will produce data in enormous quantities that shall be analysed and processed by international teams of researchers therefore the newest and most advanced „big data" software and hardware solutions shall be used here.

As the ELI is co-financed by the European Union, the research facility will be a public institution and therefore they shall have an open policy of information. On the other hand, some of the experiments might lead to patented inventions therefore the management of information about the research activites shall respect also the intellectual property rigths (IPR) considerations, as well.

The main local stakeholders in Szeged are all committed to the successful implementation and operation of the ELI as a key element of the scientific and economic life in the town. The cooperation among them shall be extended also to the sharing of data with the objective to make an open system that is accessible also to foreign partners. Consequently, the Share-PSI workhop can be an excellent event for meeting professional people that have already been confronted with similar challenges. It might lead to common solutions that can be designed and can be tested later in real life in Szeged.

The format of my contribution can take various forms depending on the level of interest by the participants of the workshop.
1. I am ready to lead a session where we can discuss the experience of data management and information policy of public research institutions with the objective to define a common set of rules that can be shared by a good number of institutions.
2. A bar camp session might also be suitable for this topic as we need primarily to share experience and the most successful pratical case might appear as „best practice" by the end of the discussion.

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