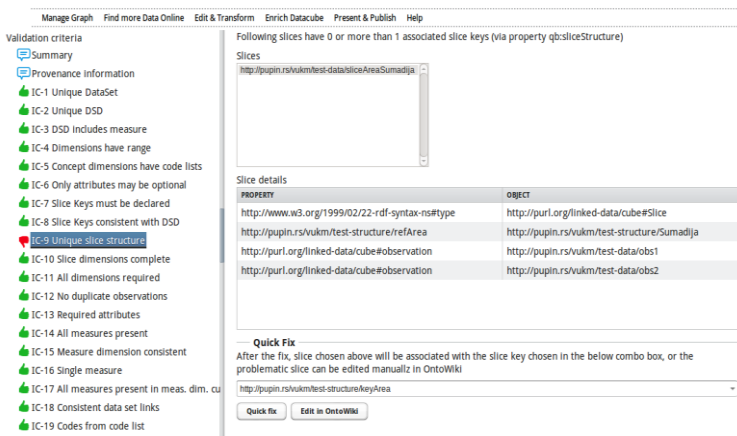


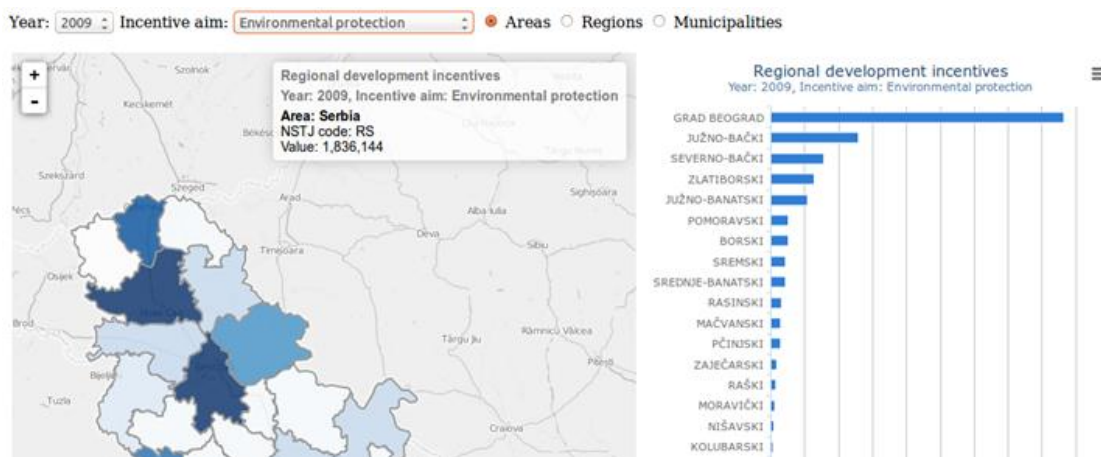
**Statistical data** is a foundation for policy prediction, planning and adjustments and underpins many of the mash-ups and visualizations we see on the web. There is strong interest in being able to publish statistical data in a web-friendly format to enable it to be linked and combined with related information. The RDF *Data Cube vocabulary* is based upon the approach used by the SDMX ISO standard for statistical data exchange and enables such information to be represented using the W3C RDF (Resource Description Framework) standard and published following the principles of Linked Data.

**LOD2 Statistical Workbench** aims at providing support for a wide range of operations such as:



- efficient transformation / conversion of traditional data stores (e.g. CSV, XML, relational databases) into linked, machine readable formats
- building and querying triple stores containing RDF Data Cubes;
- validating RDF Data Cubes;
- interlinking (with DBpedia) and adding meaning to data;
- visualization and exploration of multi-dimensional RDF Data Cubes;
- publishing statistical data within a selected portal (i.e. a CKAN instance).

**Example from Serbia:** Integration of indicators from the Statistical Office of the Republic of Serbia and the Serbian Business Registers Agency



[Type text]

The LOD2 Statistical Workbench is a result of the integration effort of three LOD2 partners: TenForce (<http://www.tenforce.com/>), the "Mihajlo Pupin Institute" (<http://www.pupin.rs/>) and the University of Leipzig (Agile Knowledge Engineering and Semantic Web Group, <http://aksw.org/>).