OUTPUT FACT SHEET

Pilot actions (including investment, if applicable)   Version 2

Project index number and acronym	CE659 PPI2Innovate
Lead partner	Central Transdanubian Regional Innovation Agency Nonprofit Ltd.
Output number and title	OT3.1: PPI Pilots using PPI2Innovate tools and competence centres
Investment number and title (if applicable)	n/a
Responsible partner (PP name and number)	PP7: Ministry of Public Administration (MPA)
Project website	http://interreg-central.eu/Content.Node/PPI2Innovate.html
Delivery date	08/2019

Summary description of the pilot action (including investment, if applicable) explaining its experimental nature and demonstration character

One of the goals of MPAs Public Administration Development Strategy 2015-2020 is establishing interoperability. MPA is already performing project "Technical and semantic renewal of registries and records". Within that project Strategy of semantic analysis management was adopted. Establishment and maintenance of "Centralni nadzorovan besednjak" - CNB ontology (here and after CNB) is a key priority planned task introduced by the strategy. Problems when establishing CNB are amount of date and sources and problem of finding relatedness of data in a crowd of sources.

In this his context establishing interoperability was identified as an objective, that can be pursued by implementing public procurement of innovative solutions and the need was identified. Problems when establishing CNB are the amount of data and sources and problem of finding relatedness of data in a crowd of sources. To manage the field large number of human sources is needed, so to solve these problems, computer capabilities must be included. The need is the tool for semantic analysis that will be used for establishment and maintenance of CNB.

Innovation within MPA pilot » Semantic analyzer research and development« is determined by two major elements:
- an unusual field, new in government administration and in IT
- an innovative approach in the field of semantic interoperability

The innovative idea of the pilot is development and implementation of new IT service – new tool for semantic analysis with the purpose of helping public administration with usage, maintenance and examination of dictionaries and examination of texts in dictionary. The tool will enable high quality communication for all participants. It is understood as a new product, service which requires research and development. The service shall be public and contributing to enhance usability of Slovene language in digital applications by adding alternative semantic evaluations of any plain text documents.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

NUTS:SI031 (Osrednjeslovenska) due to the address of the MPA as contracting authority.

NUTS:SI0 (Slovenia) Resulting the implementation of pilot action in broader context (project "Technical and semantic renewal of registries and records" and adopted Strategy of semantic analysis management) pilot action concerns and has direct impact on centralized information systems, for which MPA is responsible.

Investment costs (EUR), if applicable

N/A at the time of preparation the output fact sheet. Value of the tender was not published in contract notice. Relating to applicable national public procurement legislation (PPA-3) the access to documentation is possible based on the Law on Public Information, but only after the contract award decision becomes final.

Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

Establishment and maintenance of CNB is a key priority planned task introduced by the Strategy of semantic analysis management. CNB is an explicit list of data operated by MPA as registration organ. All the notions in the dictionary must have clear, unequivocal and non-redundant definition. CNB will cover a wide range of thematic areas of administration government systems. Descriptions of the metadata and its definition will be entrusted to the keepers of each thematic area. The data emerges from different sources, subject matters are partly overlapping, and the data are understood differently. The tool, developed in the pilot, will be used by system operators when managing the dictionaries and vocabularies. Comparing texts by semantic evaluation of terms, present in them, gives new insight in comparing different texts and searching relations among them. For example, legislators could find relations between legal documents and possibilities for simplifications and clarifications. The tool will reduce the amount of manual work while examining, entering and managing metadata about text documents. New relations between different texts can be found, that normally remain hidden behind multitude of data (terms).

Sustainability of the pilot action results and transferability to other territories and stakeholders.

The tool will be publicly available for all, who analyze texts in Slovenian language, regardless profession and subject.

Lessons learned and added value of transnational cooperation of the pilot action implementation (including investment, if applicable)

SMART PPI TOOLS are result of knowledge and experience and take into consideration specifics of partner countries and can be used as practical guidance and recommendations on management and implementing PPI. In pilot action implementation tools were basis for implementation of pilots and at the same time basis and homogeneous methodology in per-review and mutual learning process.

Transnational cooperation in the project during per-review and mutual learning is good practice for fostering PPI, because regardless of the country, public authorities are facing similar challenges, which can be addressed with common frameworks, such are the tools. Besides transnational cooperation important added value in the project is also diversity among project partners, included in per-review and mutual learning, and inclusion or networking partners, who are not subject to public procurement legislation, and provide other angle of view in the public procurement process.

In view of the above, the added value is sharing and transfer of knowledge and experience and ideas how to use or apply knowledge and experience in next PPI project. Pilot partners have, through per-review and mutual learning, gained direct feedback on implemented actions, practical proposals of actions and exchange of views.

All of that can be used as lessons learnt in next PPI and in "standard" public procurement.

Contribution to/ compliance with:
- **relevant regulatory requirements**
- **sustainable development – environmental effects. In case of risk of negative effects, mitigation measures introduced**
- **horizontal principles such as equal opportunities and non-descrimination**

Pilot implementation is in accordance with all relevant national legislation and in accordance with principles of competition among tenderers, transparency of procurement procedures, equal treatment of tenderers and proportionality.

Pilot action contributes to horizontal principles. Automated processing of texts in Slovenian language can be efficient, if computer legible dictionaries and ontologies are adequately prepared. Also, tools for semantic processing of text are needed. Such tools are at this moment typical useful only for some better-known languages. The tool will be based on optional ontology (regardless the language) and can as such have general applicable value in its field.

References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links
If applicable, additional documentation, pictures or images to be provided as annex

SMART PPI TOOLS: https://www.interreg-central.eu/Content.Node/PPI2Innovate.html#Publications

D.T3.5.2 Mid-term transregional per-review and mutual learning report:
    Self-assessment of MPA Pilot
    Piemonte Pilot Self-assessment
    Lublin Pilot Self-assessment
    Somogy Pilot Self-assessment
    And Project Partners assessments of the Pilots

D.T3.4.1: Description of requested SMART ICT service for Republic Slovenia
D.T3.4.2: PPI Call for tender documentation
    Contract notice (EU 3 - SL)
        public procurement portal: http://www.enarocanje.si/Obrazci/?id_obrazec=312618
        Supplement to the Official Journal of the European Union
        https://ted.europa.eu/TED/notice/udl?uri=TED:NOTICE:282458-2019:TEXT:SL:HTML
    Tender documentation
        http://www.djn.mju.gov.si/javna-narocila#narocilo_689_689 (tender identification code 2018/PI 1)
        https://ejn.gov.si/ponudba/pages/aktualno/aktualno_javno_narocilo_podrobno.xhtml?zadevaId=4388
D.T.4.3: Approval of responsible units
D.T3.4.4: Report from selection process