ROUTE-TO-PA

RAISING OPEN AND USER-FRIENDLY TRANSPARENCY-ENABLING TECHNOLOGIES FOR PUBLIC ADMINISTRATION

Horizon 2020

Call: H2020-INSO-2014

Type of action:
Research and Innovation Action

EU funding Budget (€): 3,054,625

Site: http://www.routetopa.eu

Project number: 645860

WHAT IS ROUTE-TO-PA?

Route-To-PA is a multidisciplinary innovation project, that, by combining expertise and research in the fields of e-government, computer science, learning science and economy, is aiming at improving the impact, towards citizens and within society, of ICT-based technology platforms for transparency.

NUMBERS

12	PARTICIPANTS
6	COUNTRIES
3	**MLN** EUR FUNDING
3	RESEARCH PRODUCTS
4	RESEARCH AREAS

VISION

Our vision is that Information and **Communication Technologies for Transparency** must improve the engagement of citizens by:

- Making them able to socially interact over open data, by forming or joining existing online communities that share common interest and discuss common issues of relevance to local policy, service delivery, and regulation;

- Providing a robust and more holistic understanding of transparency, by underpinning the next generation open-data based transparency initiatives, ensuring that published data are those of value to citizens, with a personalized view in different forms to different segments of the citizens and public based on their profiles for facilitate better understanding.

MISSION

Our main purpose here is to engage citizens through a **"purposeful and personalized relationship"** between citizens and **Open Data**, not seen only as one between government and individual citizens but between government and networks of citizens that collectively attribute meanings to this information. The information by ROUTE-TO-PA is shared, interpreted, personalized, made easier to understand and discussed to assess its meanings.

OBJECTIVES

- Develop a Social Platform for Open Data (**SPOD**) enabling social interactions among open data users and between open data users and government data;
- Build Transparency-Enhancing Toolset (**TET**) as extensions for existing major Open Data Platforms;
- Develop a set of recommendations (**GUIDE**) as good practice guide for open data publishers for achieving higher quality transparency through open data.

WHAT IS SPOD?

The **Social Platform for Open Data (SPOD)** will be based on an existing popular open source social networking engine. SPOD will be the technological basis environment for guided support toward citizens, providing mechanisms and tools to help to show the effectiveness of the interactions, as well as the environment to plug the Transparency-Enhancing Toolset. SPOD will also offer the capability to citizens to connect their profile on other social networks (such as Facebook, Twitter, Google+, etc.) to their local SPOD profile, as well as linking together their profiles on different SPODs, realizing a federation of ROUTE-TO-PA empowered Public Administrations.

WHAT IS TET?

The Transparency-Enhancing Toolset (TET) will enable:
- Automatic profiling of datasets based on core Open Data Metadata and Provenance Standards like the World Wide Web Consortium's (W3C) Data Catalog Vocabulary and PROV-Data Model, to reveal the information quality of published data;
- Rating and review of datasets based on usage experience to yield information on of the published data;
- Linking of related datasets to improve understanding of underlying subject matter and issues, personalized presentation of datasets based on profiles and preferences of users, and extraction of implicit patterns in published data for greater insight, in addition generating examples of data violating specific rules, such as anti-corruption rules.

THE GUIDE

The set of good practices and recommendations (GUIDE) is meant to collect the analysis of the experiences by the pilots in the project. The target audience is Public Administrations, with the public authorities, policy-makers, the technological departments and the departments that are in charge of Citizen relationship Management. Their goal is to streamline the process of employing with the best result the technologies developed and integrated within ROUTE-TO-PA, in order to ensure effectiveness (better public understanding of published data and greater trust in government), efficiency (cost reduction and public resources optimization) and sustainability/re-usability of the experiences.

The guidelines will be also backed by specific Agent-Based Simulations that will be supporting PAs decisions (as well as SPOD design) with respect to preferences elicitation with heterogeneity in citizens' geographical location and demographic structure.