

# Aligning Core Stakeholders' Perspectives and Issues in the Open Government Data Community

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## ABSTRACT

Open Government Data (OGD) has gained momentum and a large number of portals have become available providing all kind of data. There are many practices available and all kind of technologies enabling the opening of data. Yet the field is fragmented and effective use of open data requires knowledge found in different communities. The goal of the proposed workshop is two-fold. First it aims to contribute to better and shared understanding of concerns across core stakeholder groups in the OGD community. Second, it intends to show and discuss how some emerging technological solutions in the social semantic web and linked data technology domain could effectively address some of these concerns when considered as a part of a socio-technical ensemble.

## Categories and Subject Descriptors

J.1 [Administrative Data Processing]: Administrative Data Processing – *Government*; K4.1 [Computers and Society]: Public Policy issues - *Public Policy Issues*. K4.2 [Computers and Society]: Social issues K 4.3 [Computers and Society]: Organizational impact.

## General Terms

Management, Documentation, Performance, Design, Languages, Theory.

## Keywords

Foundations, public administration, policy making, computer science, social science, e-government

## 1. INTRODUCTION

ACM 978-1-4503-2057-3/13/06. With over 20 national-level Open Government Data (OGD) portals available today ([http://en.wikipedia.org/wiki/Open\\_data](http://en.wikipedia.org/wiki/Open_data)), most government organizations have little doubts about the strategic importance and transformational potentials of opening up government data for

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improving policy making and public service delivery [1] and transparency [2]. However, few OGD programs have gone beyond pilot or trial stages to full-scale implementation in which advanced functionality is realized and institutionalized in the daily procedures and processes. There are many reasons for this. Various concerns such as legal challenges, level of initial investment, complexity, quality of data, provenance, privacy, and loss of licensing revenue have been raised by various stakeholders hindering the easy adoption of OGD [3-5]. In addition to the challenges and barriers there are no suitable metric for determining the success [6] and there are various myths surrounding OGD [1]. At the same time, research and practice in the semantic web and linked data domain have continued to provide technologies and tools and for addressing some of these concerns as well as open up new open-data based opportunities. However, given the span of issues over political, legal, organizational, economic, social dimensions in addition to the technology dimension; gaps and discontinuities in scholarly discourse and solutions on concerns are inevitable in the OGD community.

The goal of the workshop is two-fold. First, it aims to contribute to better and shared understanding of concerns across core stakeholder groups in the OGD community. Participants will be asked to share each other experiences. Second, it intends to show and discuss how some emerging technological solutions in the social semantic web and linked data technology domain could effectively address some of these concerns when considered as a part of a socio-technical ensemble.

## 2. PROGRAM OVERVIEW

A four-part workshop program is proposed. The first part will provide background on open government data to workshop participants. A series of short presentations is planned in the second part. The third part will involve questions and answers, discussions and short demos. The workshop will be concluded in the fourth session with highlights of major contributions during the workshop. The detailed program can be found below.

Session	Duration	Theme
Background	30 min	<ul style="list-style-type: none"> <li>○ State of Play in OGD Programs</li> </ul>
Panel Presentations	50 min	<ul style="list-style-type: none"> <li>○ Policy and Organizational Issues in OGD Programs               <ul style="list-style-type: none"> <li>- Policy imperatives in OGD Programs</li> <li>- Barriers and Challenges in OGD Implementation</li> </ul> </li> <li>○ Technological Solutions for OGD               <ul style="list-style-type: none"> <li>- Advanced OGD Infrastructure Requirements</li> <li>- Overview of Major Public Domain OGD Infrastructure</li> <li>- Enriching OGD with Social Semantic Web Contents</li> </ul> </li> </ul>
Break	10 min	
Discussion	60 min	<ul style="list-style-type: none"> <li>○ Open discussions involving all participants on presented issues, concerns, and solutions</li> <li>○ Demonstration of OGD Infrastructure and Tools</li> </ul>
Closing	5 min	<ul style="list-style-type: none"> <li>○ Highlights of contributions</li> </ul>

### 3. WORKSHOP ORGANIZERS

The workshop organizers and presenters are related to open government data in different ways.

#### 3.1 Adegboyega Ojo

Adegboyega Ojo is Research Fellow and E-Government Unit Leader at the Digital Enterprise Research Institute (DERI) - a leading center in Semantic Web and Linked Open Data research. At DERI, his research and development work addresses how government entities can effectively leverage Linked Open Government Data for public service and policy innovation. Before his current role, he worked as academic program officer and research fellow at the Center for Electronic Governance, United Nations University – International Institute for Software Technology (UNU). At UNU, he supported governments in Africa, Asia, and Latin America; including Macao, Korea, Mongolia, Colombia, Cameroon and Nigeria. His expertise in E-Government is in the areas of Strategies, Architecture and Standards, Measurement, Software Infrastructure, Whole-of-Government models and Linked Open Government Data. Before his international engagements, he was Senior Lecturer in Computer Science at the University of Lagos, Nigeria, where he earlier earned his doctorate and bachelor degrees in 1998 and 1991 respectively. He is a member of Computer Professionals of Nigeria.

#### 3.2 Marijn Janssen

Prof.dr. Marijn Janssen is full professor and holds the chair of ICT and governance, Director of the interdisciplinary Systems Engineering, Policy Analyses and Management (SEPAM) and of the Compliance Management Master programmes of the Technology, Policy and Management Faculty of Delft University of Technology. His research interests are in the field of infrastructures, public-private networks and focuses on orchestration, shared services, brokers, intermediaries, open data and open government. He has been a consultant for the Ministry of Justice and received a Ph.D. in information systems (2001). He is associate Editor of Government Information Quarterly (GIQ), editor of Information Systems Frontiers (SF), serves on several editorial boards and is involved in the organization of a number of conferences, including IFIP EGOV. He is involved in ENGAGE a FP7 project which is aimed at developing an Infrastructure for Open, Linked Governmental Data Provision Towards Research Communities and Citizens. (More information can be found at [www.engage-project.eu](http://www.engage-project.eu) and [www.engagedata.eu](http://www.engagedata.eu)). Dr. Janssen has published over 260 refereed publications. For more information: [www.tbm.tudelft.nl/marijn.j](http://www.tbm.tudelft.nl/marijn.j).

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