Public sector data: still a missed opportunity?

04 June 2019, Room 5B - Albert Borschette, Rue Froissart 36, Brussels

Agenda

Within the *Subgroup on Data Analytics* of the *eGovernment Action Plan Steering Board*, Italy promoted a 'Survey on Public Sector Data Analytics' in 2017. The results showed that many Member States are facing barriers related to data availability, data silos, skills of employees, privacy framework. From the EU perspective, in recent years, policy has aimed to open up public data and reuse it. Yet, many barriers remain that impede the free movement and use of data, to mention just a few: government culture, existing business models and lack of data analytics culture. Furthermore, the public sector examples are mostly implemented at the local level and adoption rates remain low.
The driving idea is to open the world of Public Administration to the benefits of a data-driven approach to support policymakers and citizens.

The Italian experience: Data & Analytics Framework (DAF) project and its constraints

In 2017 Italy launched the Data & Analytics Framework (DAF) project, officially known as PDND - Piattaforma Digitale Nazionale Dati as stated in art. 50-ter of the Digital Administration Code (CAD). DAF, which is compliant with the EU standard DCAT AP profile, has the goal of: improving and simplifying the interoperability and exchange of data between Public Administrations, promoting and improving the management and usage of Open Data, optimizing activities of analysis and knowledge generation. However, the optimal implementation of the DAF is facing numerous barriers to data release and sharing at the various levels of government.

Main Takeaways from the Workshop

- The results may help Member States guide them on where to start or continue the data transformation journey, for instance, to producing roadmaps/pathways of implementation;
- MSs should take the opportunity offered by the Commission Big Data Test Infrastructure Building Block (BDTI) for experimenting on already or newly shared big data.

9:00 - 9:30	Registration

9:30 -10:30

Data for better decision-making in the public sector

Welcome and Opening

This session will illustrate the background and set the context for the workshop.

Introduction: *Daniela Battisti*

Speakers:
- **Andrea Servida**, Welcome and Introduction, Head of Unit "eGovernment and Trust" DG CONNECT

- **Yvo Volman**, "Open government data as part of the EU's data strategy", Head of Unit "Data Policy and Innovation" DG CONNECT

- **Luca Attias**, "Data and the Digital Transformation Strategy", High Commissioner for the Digital Agenda - Presidency of the Council of Ministers, Italy

- **Q&A** (15 min)

10.30 - 12:30

Session 1: Sharing experiences and projects

This session will focus on sharing experiences among MSs on projects about national-data-policies and standards. It could be an opportunity to discuss and analyze obstacles and successes in order to gain a better insight on how to create an enabling environment for a "data-driven public sector" and a flourishing data-economy.
Questions:
- How can data be used to increase the targeting of existing policies?
- How can digital technologies broaden policy instruments?
- How can digital transformation reshape government-citizen interaction and support engagement?
- What was the resistance, if any, that was encountered in opening up and sharing data (e.g. across local/regional/national governments) and what was the solution to overcome these limitations?
- Is there a possible role of public-private partnerships?
- What would be the take-away from the project for the discussion on potential guidelines and road maps?

Chair: Daniela Battisti
Speakers:

- **Emanuele Baldacci**, "data@EC", Director of Digital Services, Directorate-General for Informatics, EC

- **Andrea Carlini - Simone Piunno**, "Leveraging the Public Sector Data Potential: The National Digital Platform for Data (PDND)", Digital Transformation Team, Presidency of the Council of Ministers, Italy

- **Barry Lowry**, "The Criticality of Data in Driving the Best Digital Outcomes for Citizens and Businesses in Ireland", Government Chief Information Officer, Department of Public Expenditure and Reform, Republic of Ireland

Q&A

Coffee Break (15 min.)

Chair: Daniela Battisti
Speakers:

- **Karmen Kern Pipan**, "Lessons Learned and Challenges of Big Data Pilot in Slovenia", Ministry of Public Administration IT Directorate, Republic of Slovenia

- **Joseph Saviour Azzopardi**, "A Holistic Approach to Enterprise Data Governance", LL.D. Manager - Enterprise Data Management Strategy and Business Department Malta Information Technology Agency - MITA, Malta

Q&A (15 min)

12:30-13:40	Lunch	

13:45 - 15:00

Session 2: The role of EU in reshaping Public Sector Information - PSI Directive and Innovation in Statistics

This session focuses on the role of the EU in reshaping the Public Sector Information policy. The public sector is one of the most data-intensive sectors; since it produces and consumes large amounts of data, there is significant potential for governments. The EU has pursued a policy aimed at fostering and enhancing access and use of public sector data not only by providing a legal and policy framework through the most recent recast

of the Open Data and Public Sector Information Directive (PSI Directive) but also through funding for new Big Data technologies. Furthermore, the EU is working on harnessing new data sources for the production of better data.

Questions:
- In order to leverage the value of data, the collaboration between public and private sector is crucial. How and to what extent can the PSI directive open up new opportunities for this specific matter?
- How can new Big Data technologies support the Public Sector in ideating and providing new innovative services?
- Internet statistical data source (IaSD) offers new opportunities for measuring the economy and society. How can IaSD be used in combination with or as a substitute for data collected by traditional instruments within National Statistical Organisations (NSOs)?

Chair: *Maria Claudia Bodino*

<u>Speakers:</u>
- ***Daniele Rizzi***, "From PSI to Open Data Directive: Main changes and next steps", DG CONNECT Unit G1 – Data Policy and Innovation

- ***Esther Huyer***, "The public sector on the journey from making data available to actually reusing it", European Data Portal-EDP, Senior Consultant, Capgemini Invent

- ***Martina Hahn***, "Trusted Smart Statistics: how new data and technologies will reshape official statistics", Head of Unit "Methodology; Innovation in official statistics" EUROSTAT

- ***Jaron Haas***, "NL DIGITAAL - Data Agenda Government", Head Department Information Society of the Ministry of the Interior and Kingdom Relations, Netherlands

Q&A (15 min)

15:00 - 16.00

Session 3: Interoperability

The lack of Interoperability can become an important barrier to the data re-use in the public sector that prevent the full deployment of the European Data Economy and improving the delivery of public services.. Different government levels: local, regional and international, present different issues. This session aims to identify cross-cutting issues in the standardisation process and provide input about data interoperability standards from the European data ecosystem. Special attention is given to the principle of "interoperability by default".

Questions:

- Which are today the best practices to improve and simplify the interoperability and portability of data between Public Administrations respecting privacy and security?
- Which requirements and recommendations are needed for data interoperability and data discoverability in the public sector, and between public and private sector? Which are the mechanisms to simplify the data interoperability between Public Administrations while respecting privacy and security?
- How the interoperability between different sources can be improved through big data techniques so to allow the reuse of data and transform it into knowledge?
- How can we ensure that the format and meaning of exchanged and shared data is preserved and understood?
- How can metadata be reused in a clear and accessible format?

Chair: *Maria Claudia Bodino*

<u>Speakers:</u>

- **Dietmar Gattwinkel**, *"*Data friction - Achievements and Pitfalls for 'liquid' data", Unit 4 "eGovernment and Trust", DG CONNECT - JRC

- **Bram de Schouwer** - **Lorenzo Carbone**, *"*Experiment with Big Data Test Infrastructure", CEF BDTI

- **Natalia Aristimuno Perez**, Head of Unit "Interoperability" DG DIGIT

Q&A (15 min)

16:00 - 16.30

Conclusions

The Final Rapporteur will synthesize the topics addressed in the three sessions and offer a condensed version of the main messages of the three sessions.

<u>Final Rapporteur</u>:
David Osimo, Lisbon Council

Q&A (10 min)

17:00 **End of Workshop**