Policy Cloud
Cloud for Data-Driven Policy Management

Making Data-Driven Policy Management a reality across Europe

Digitisation and big data are revolutionising the way we live, think and make decisions. With the constant proliferation of devices and networks, more and more of the data being created from a variety of sources is able to be stored, transmitted and processed efficiently in large amounts. Increasingly, cloud environments, big data and other innovative data-driven approaches are enabling policy makers to deliver evidence-based policies which impact economic growth and contribute to modernising the public sector and improving the lives of citizens across Europe.

However, new technologies and big data also bring new challenges. With so much data now available to policymakers, the search is on for ways to effectively access, make sense of, and use data to model, create and implement policy successfully. The **Policy Cloud** project addresses these challenges by using the European cloud infrastructure for public administrations. The **15-partner-strong consortium** will deliver a **unique integrated environment addressing the full lifecycle of policy management**. Policy Cloud will use the capabilities offered by the European Open Science Cloud Initiative, especially concerning data analysis, in order to facilitate evidence-based policy making.

Policy Cloud runs four pilot cases in different fields which will serve as demonstrators for data-driven policy management and leverage methodologies for user participation from citizens and communities. The results will be evaluated in heterogeneous environments and settings, demonstrating the applicability and re-usability of the developed models and tools in different countries, contexts, and sectors.

Policies against radicalisation

will focus on collecting and analysing data from social media and message boards, in order to provide policy makers with effective data-driven tools for addressing the issue of radicalisation.

Intelligent policies for the food value chain

will exploit the Policy Cloud platform as a support tool to facilitate collaborative decision making for the various actors in the agrifood value chain in Aragon, Spain.

Urban policy making through analysis of crowdsourced data

the Municipality of Sofia will seek to improve urban environments by crowdsourcing data analysis, specifically via an interactive map of the city on which citizens can signal issues to the administration in real-time.

Open Data Policies for Citizens

will build upon the work initiated in London on predictive analysis to identify unemployment risk.

The final solutions and tools developed by Policy Cloud will eventually become available as public cloud services, contributing to the development of the European Open Science Cloud (EOSC), a core element in the European Commission's vision of making Europe a global leader in data management. Policy Cloud's work for the registration of the cloud-based environment for data-driven policy management in EOSC, as lead by EGI, will provide the grounds for the provisioning of the required EOSC cloud environments and services to policy makers in the scope of the integrated Policy Cloud platform.

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