Sciences Po médialab deliverables for the Project SOURCE

Deliverable A: Visualisations of the (ongoing) results of WP4

Drawing on the ongoing results of the WP4 "Security professions and institutions", this deliverable is meant to represent the information collected by the King College in a visual form that facilitate its analysis. and dissemination Two types of visualisations will be delivered in two subsequent phase of the project. A first series of visual representations will be released throughout the entire project. Their aim will be serving as investigation tools for the exploratory analysis of the collected information for the WP leader and the other partners of the Consortium. A second series of visual representations will be released at the completion of the research. Their aim will be serving as communication instruments to facilitate the dissemination of the project results.

Given the 'networked' nature of the data collected in WP4, this deliverable will be mainly constituted by relational diagrams such as graph, sankey diagrams, tree maps, relation circles…

Deliverable B: Visualisation of the (ongoing) results of WP5

Drawing on the ongoing results of the WP7 "Societal security of financial systems", this deliverable is meant to represent the information collected by the Oslo Peace Research Institute in a visual form that facilitate its analysis and dissemination. Two types of visualisations will be delivered in two subsequent phase of the project. A first series of visual representations will be released throughout the entire project. Their aim will be serving as investigation tools for the exploratory analysis of the collected information for the WP leader and the other partners of the Consortium. A second series of visual representations will be released at the completion of the research. Their aim will be serving as communication instruments to facilitate the dissemination of the project results.

Two different types of information are to be expected as a result of WP4: traditional economic information that will be visualised with standard diagrams such as bubble charts and scatter plots and more conceptual information concerning the relation between finance and security that will require the use of more innovative narrative diagram.

Deliverable C: Visualisation of the (ongoing) results of WP7

Drawing on the ongoing results of the WP7 "Ethics, law and human rights", this deliverable is meant to represent the information collected by the Centre for Science, Society and Citizenship and the Centre for European and Irish Security in a visual form that facilitate its analysis and dissemination. This deliverable differs significantly from deliverable A and B though the same type of visualisation techniques will be used.

Whereas in the two previous visualisation deliverables the focus will be on the representation of data (namely network data and economic data), in this deliverable the focus will be on giving a visual form to less formalised concepts and ideas. The main objective of this deliverable will thus be finding simple visual metaphors capable to convey the complex sets of relations connecting different ethical conceptualisation of human rights and competing security policies. If all visualisation deliverables will entail a close collaboration with the partners collecting the information to visualize, such task calls for an even stricter cooperation between the médialab and the WP leader.

Deliverable D: Web cartography of online debate on security

Starting from a list provided by the partners of the project, Sciences Po médialab will crawl all major portals, websites and blogs active in the security debate. This crawling will allow extracting all the hyperlinks presents in the pages of these websites. Based on the result of the crawl a map of the actors of the online debate on security will be produced and explored with the state of the art of the techniques of complex network analysis. Carried out in collaboration with the partners of the project, such analysis will draw both on experts' insights and on automatic techniques for the computation of large volumes of data. The final deliverable is a series of maps (global network, ego-centered networks, heat-maps, flux diagrams…) that will help investigate how the online debate on security is structured: who are the main actors, what arguments do they use, how they connects or opposed one to the other. The maps will be made available to the project partners and to the EU through an interactive online interface that will allow their exploration and manipulation.

Deliverable E: Scientometric cartography of the scientific debate on security

This deliverable focuses on the scientific and grey literature and is meant to provide a large and detailed cartography of the debate around security. In terms of techniques and tools employed, this deliverable is analogous to the one described as deliverable. In both cases the result will be the analysis of a complex network of actors and discourses. In this deliverable, however, the focus will be on literature and consequently, instead of crawling the World Wide Web, we will be mining specialised database on scientific literature. Consequently the networks designed in this deliverable will be made of publications and citations and their analysis will draw particularly on the techniques developed in scientometrics studies. Many quotation databases exit today (Scirus, Isi Web of Science, Scopus…) each one with its advantages and disadvantages. In this project we will concentrate on Google Scholar. This choice is motivated by the importance of grey literature in the security debate. Among the existing citation database Google Scholar is the one that assure the best coverage of this type of literature comprising not only peer-reviewed articles, but also white papers, reports, preparatory works, patents and legal opinions.