



Social Observatory for Disinformation and Social Media Analysis

Results

Project Information

SOMA

Grant agreement ID: 825469

[Project website](#)

DOI

[10.3030/825469](https://doi.org/10.3030/825469)

Project closed

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26 October 2018

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€ 987 437,50

EU contribution

€ 987 437,50

Coordinated by

ATHENS TECHNOLOGY
CENTER ANONYMI
VIOMICHANIKI EMPORIKI KAI
TECHNIKI ETAIREIA
EFARMOGON YPSILIS
TECHNOLOGIAS



Greece

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Deliverables

[Evaluating Distributed scalable information cascade analysis. 4th section. ↗](#)

This deliverable details the models used for (dis)information cascade modeling at scale and evaluate the potential to scale from mono platform to multi- and interoperable platform and media information flow analysis. This section will focus on action needed in order to establish a robust method to be used in the centers and observatory.

[Evaluating safe space solutions including data management and processing setups 1st section ↗](#)

This deliverable details potential safe space solutions from other areas and evaluate the transferability to the area of disinformation monitoring in the observatory and centers.

[Final Sustainability Plan ↗](#)

This deliverable includes the final strategy that will be adopted to guarantee the Observatory sustainability and its feasibility.

[Report on the centers for excellence studies on online disinformation. Set up and activities. ↗](#)

The deliverable will provide information about the two centers of excellence, about their set up and operational activities

[Impact assessment results ↗](#)

Deliverable 5.2 will report the results from the impact assessment and will show the major impacts produced by the Observatory at European level

[Research Data exchange \(and transparency\) solution with platforms. 2nd section ↗](#)

This deliverable compiles the findings and recommended solutions and actions needed in order to construct a sustainable data exchange model for stakeholders, focusing on a differentiated perspective, one for journalists and the broader community, and one for university-based academic researchers.

[Social media Observatory Guide ↗](#)

A guideline to use the Observatory will be produced and available for all stakeholders.

[Media Literacy Public Activities ↗](#)

The Observatory will organise 2 public events in order to promote Media literacy, following the findings of the Workshops.


[Data Intelligence toolkit description ↗](#)

Deliverable D3.2 will be a report containing the description of the architecture, the concept, the models and the design for the realization of the Data Intelligence

toolkit

[Media Literacy Workshop Series & Reports](#) 

The Observatory will promote 10 stakeholder meetings between experts at the European level. Every one of them will publish their findings and recommendations in a Final Report.

[Algorithms of Data Intelligence, Complex Network Analysis, Artificial Intelligence for the Observatory. AI Driven](#) 

Deliverable D 3.2 will be a report containing the analyses, state of the art and study carried out in the 3.1, 3.2, 3.3 and 3.4 tasks related to Complex Network, Data & Geo Intelligence, Artificial Intelligence algorithms.

[Outlier \(disinformation\) detection solution. 3rd section](#) 

This deliverable details the tools and work done on outlier detection and evaluate the transferability to disinformation and the potential actions needed in order to carry out effective detection.

[SOMA impact assessment methodology](#) 

Deliverable 5.1 will describe the methodology for the SOMA impact assessment. The methodology description will contain 10 Source Transparency Indicators and variables that will be use to measure the impacts of SOMA during the project lifetime and which will form the Source Transparency Index (STI).

[The measure of online disinformation](#) 

Deliverable 5.3 will be a Whitepaper, reporting main evidences from the analysis performed in WP5 in order to provide measures and data on the effects of the disinformation on three topics to policy makers trying to influence decision making through the use of data collected during the project.

Websites, patent fillings, videos etc. (1)

[Project website](#) 

Project Website on-line.

Other (3)

[Data Intelligence toolkit V1](#) 

Deliverable D3.4 will be a software implementation of the AI Driven Observatory in which the algorithmic studies of the previous tasks will be applied (1st version)

[Data Intelligence toolkit V2](#) 

Deliverable D3.4 will be a software implementation of the AI Driven Observatory in which the algorithmic studies of the previous tasks will be applied (final version)

[EU Platform for Social Media Innovators](#) 

The platform for European social Media innovators will be made by virtual tools like mailing lists and team communication softwares to assure a constant exchange of informations, but also by practical initiatives like periodic meetings between the projects, building into the Observatory something similar to the International Fact-Checking Network's activities at the global level.

Publications

Peer reviewed articles (3)

Different types of COVID-10 misinformation have different emotional valence on Twitter

Author(s): Charquero Ballester, Marina¹; Walter, Jessica G.¹, Nissen, Ida A.; & Bechmann, Anja

Published in: Not available, 2021, ISSN 2167-0811

Publisher: aarhus

Partisan Polarization is the primary psychological motivation behind “fake news” sharing on Twitter

Author(s): Osmundsen, M., Bor, A., Vahlstrup, P.B., Bechmann, A. & Petersen, M.B.

Published in: American Political Science Review, 2021, ISSN 2167-0811

Publisher: aarhus

Tackling Disinformation and Infodemics Demands Media Policy Changes

Author(s): Bechmann, A.

Published in: Digital Journalism, Issue in press 2020, 2020, ISSN 2167-0811

Publisher: Taylor & Francis

Book chapters (4)

Democracy and disinformation: a turn in the debate

Author(s): Bechmann, A. & O'Loughlin, B

Published in: 2020

Publisher: Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten (KVAB)

Performance Analysis of Fact-checking organizations and initiatives in Europe, Disinformation and Digital Media as a Challenge for Democracy

Author(s): Pavleska, T., Skolkay, A., Zankova, B., Riberiro, N. & Bechmann, A.

Published in: 2020

Publisher: Intersentia

Big Data: A Focus on Social Media Research Dilemmas

Author(s): Bechmann, A. & Kim, J.Y.

Published in: 2019

Publisher: Springer

DATA

Author(s): Bechmann, Anja

Published in: 2021

Publisher: Aarhus Universitetsforlag

Conference proceedings (3)

Beyond Fact-Checking: Network Analysis Tools for Monitoring Disinformation in Social Media

Author(s): Guarino, S., Trino, N., Chessa, A., & Riotta, G.

Published in: 2019

Publisher: Springer Cham.

Characterizing Networks of Propaganda on Twitter: a Case Study

Author(s): Guarino, S., Trino, N., Celestini, N., Chessa, A., & Riotta, G.

Published in: Submitted to Applied Network Science. Springer, Cham., 2020

Publisher: Springer Cham

SOMA PROJECT: ESTABLISHING THE EUROPEAN OBSERVATORY AGAINST
DISINFORMATION

Author(s): Marina Klitsi, Simona De Rosa, Luca Tacchetti, Silvia Cavasola,
Lynge Asbjørn Møller and Nikos Sarris

Published in: 2020

Publisher: icme

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European Union, 2025

