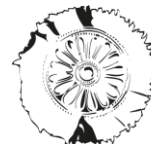# Language Technologies for fighting disinformation

Maria Bielikova, Expert researcher & Director KinIT, Strategy Board member CEDMO
Nikos Sarris, Senior Researcher CERTH, Executive Board member EDMO

KINIT
Kempelen Institute
of Intelligent Technologies

CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS

Part 1: The state of disinformation on Europe

Part 2: EDMO initiative against disinformation

Part 3: The potential of Language Technologies

THE STATE OF DISINFORMATION IN EUROPE

A STUDY ON ETHICAL STANDARDS, INVOLVED POLITICAL INTERESTS AND POLICY RECOMMENDATIONS

Georgia Pantalona, Evangelia Kartsounidou, Filareti Tsalakanidou, Nikos Sarris, Symeon Papadopoulos, Yiannis Kompatsiaris

Centre for Research and Technology Hellas (CERTH)
Information Technologies Institute (ITI)

Media Verification Team (MeVer)

The study examines three dimensions

- **Codes/principles and authorities** that monitor and supervise the ethical application of journalism at a European level

- **Patterns of disinformation** as means to serve the strategies and interests of political groups, examining involved stakeholders and ways in which disinformation operates at the expense of democracy

- **Proposal on measures** that could be taken at European and national level, against online disinformation with a view to strengthen democracy

Disinformation Policy Classification Framework

Enhancing transparency
- Funding & advertisment
- Content quality
- Algorithms & data
- Fact-checking & verification
- Election integrity
- Open government

Improving media literacy
- Media literacy in school
- Digital and media literacy for all

Empowering stakeholders
- Empowering platform users
- Empowering citizens
- Empowering journalists

Strengthening media independence & pluralism
- Strenthen freedom of press
- Ensure long-term sustainability of media

Promoting ethical conduct
- Self regulation
- Government regulation

Countering disinformation
- Monitoring & research
- Direct countering

Summary and conclusions

- Disinformation is an ever-growing issue

- Politicians, corporations as well as media are using it to achieve their agendas

- Technology advances create new challenges but can also be part of the solution

- The phenomenon of disinformation cannot be addressed with fragmented, one-dimensional or simply regulatory policies

- It necessitates a multi-dimensional, multi-faceted, multi-stakeholder policy framework that assigns fair responsibility to and requires decisive action from all relevant stakeholders

EDMO – European Digital Media Observatory

EDMO and EDMO Hubs:

- Ireland Hub
- BENDEDMO
- CEDMO (CZ, SK, PL)
- IBERIFIER

- NORDIS
- EDMO BELUX
- DE FACTO (FR)
- IDMO (IT)

Major activities:

- Supporting academic analysis of disinformation campaigns and research
- Training activities
- Support and coordination of independent fact-checking activities
- Policy recommendations etc.

EDMO
European Digital Media Observatory

EDMO – Countering disinformation in action

Activities in the frame of the Ukraine war:

- Fact-checks from all over Europe gathered daily

- Disinformation narratives identified weekly

- Analysis articles published and disseminated widely

- Resources shared among the European fact-checking communities

- Continuous very well organized attacks repelled

WAR IN UKRAINE: WHERE DISINFORMATION HAS BEEN DETECTED AND FACT-CHECKED, IN THE COUNTRIES COVERED BY THE EDMO'S FACT-CHECKING NETWORK

EDMO
European Digital Media Observatory