# D1.2 PROJECT SELF-ASSESSMENT PLAN

JUNE 2024
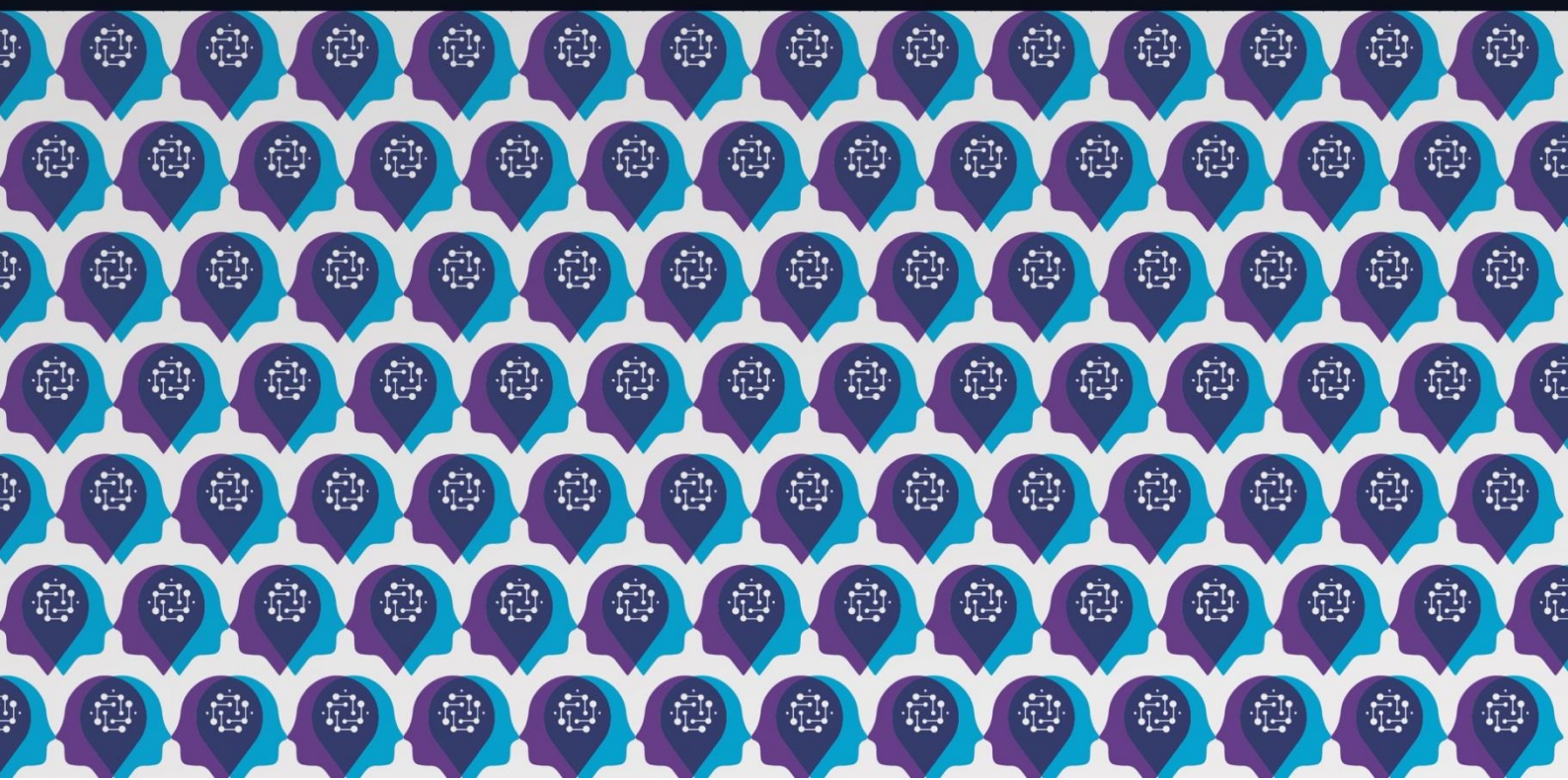
Grant Agreement No.: 101135757
Call: HORIZON-CL4-2023-HUMAN-01-CNECT
Topic: HORIZON-CL4-2023-HUMAN-01-05
Type of action: HORIZON Innovation Actions

D1.1 DELIVERABLE TITLE   PROJECT HANDBOOK, QUALITY ASSURANCE PLAN

Project Acronym	AI4Debunk
Project Number	101135757
Project Full Title	Participative Assistive AI-powered Tools for Supporting Trustworthy Online Activity of Citizens and Debunking Disinformation
Work package	WP 1
Task	Task 1.1
Due date	30/06/2024
Submission date	21/06/2024
Deliverable lead	UL
Version	0.4
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Abstract	This Self-Assessment Plan sets out the procedures in which the project's operational performance will be assessed, including the measurement of progress toward achieving the objectives. It includes a self-assessment plan for each task within each WP from 1 to 18, recalling the objective of each task, and outlining the evaluation strategy, the success indicators, and the timetable, with the level of detail relevant at this early stage of the project. This report involves T1.1.
Keywords	Assessment, performance, plan, tasks, objectives, progress, indicators.

DOCUMENT DISSEMINATION LEVEL

Dissemination level	
X	PU – Public
	SEN – Sensitive

DOCUMENT REVISION HISTORY

Version	Date	Status	List of contributor(s)
0.1	10/05/2024	Draft version	Zane Zeibote (UL)
0.2	28/05/2024	Final draft version	Zane Zeibote (UL)
0.3	19/06/2024	Revised final draft version	Roberto Caldelli (CNIT), Stefano Berretti (MICC/UNIFI)
0.4	21/06/2024	Final version	Zane Zeibote (UL)

STATEMENT ON MAINSTREAMING GENDER

The AI4Debunk consortium is committed to including gender and intersectionality as a transversal aspect in the project's activities. In line with EU guidelines and objectives, all partners – including the authors of this deliverable – recognise the importance of advancing gender analysis and sex-disaggregated data collection in the development of scientific research. Therefore, we commit to paying particular attention to including, monitoring, and periodically evaluating the participation of different genders in all activities developed within the project, including workshops, webinars, and events but also surveys, interviews, and research, in general. While applying a non-binary approach to data collection and promoting the participation of all genders in the activities, the partners will periodically reflect and inform about the limitations of their approach. Through an iterative learning process, they commit to plan and implement strategies that maximise the inclusion of more and more intersectional perspectives in their activities.

DISCLAIMER

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The AI4Debunk consortium is the following:

Participant number	Participant organization name	Short name	Country
1	LATVIJAS UNIVERSITATE	UL	LV
2	FREE MEDIA BULGARIA	EURACTIV	BE
3	PILOT4DEV	P4D	BE
4	INTERNEWS UKRAINE	IUA	UA
5	CONSIGLIO NAZIONALE DELLE RICERCHE	CNR-IRPPS	IT
6	UNIVERSITA DEGLI STUDI DI FIRENZE	MICC/UNIFI	IT
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7	BARCELONA SUPERCOMPUTING CENTER CENTRO NACIONAL DE SUPERCOMPUTACION	BSC	ES
8	DOTSOFT S.A. – INTEGRATED INFORMATION TECHNOLOGY SOLUTIONS	DOTSOFT	EL
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13	F6S NETWORK IRELAND LIMITED	F6S	IE

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LIST OF TERMS AND ABBREVIATIONS

AF	Application form
AI	Artificial Intelligence
CA	Consortium Agreement
CWG	Communication Working Group
EC	Ethics Committee
DMP	Data Management Plan
DoA	Description of Action
DX.X	Deliverable X.X
GA	General Assembly
IT	Information Technology
IMT	Innovation Management Team
IPR	Intellectual Property Rights
KPI	Key performance indicator
MX.X	Milestone X.X
MST	Management Support Team
PC	Project Coordinator
PH	Project Handbook
PM	Project Manager
QAP	Quality Assessment Plan
SAP	Self-Assessment Plan
SC	Steering Committee
SO	Specific objective
TX.X	Task X.X
WG	Working group
WP	Work Package
WPL	Work Package Leader

Additional definitions:

"WP leader" *shall mean the person assigned by the WP Leading Participant, who shall manage the relevant WP to ensure its qualitative and timely implementation, performance of the tasks, and achievement of the corresponding outputs.*

EXECUTIVE SUMMARY

The objective of this report is to provide all AI4Debunk partners with a common understanding, working methods and procedures to achieve and fulfil all the contractual obligations that the consortium has acquired with the European Commission. This document aims to set out the procedures in which the project's operational performance will be assessed, including the measurement of progress toward achieving the objectives. It includes a Self-Assessment Plan (SAP) for each of 18 WPs, their impacts on project objectives, KPIs and technological achievement, and outlines the evaluation methodology and the timetable, with the level of detail relevant at this early stage of the project. This report involves activities related to T1.1.

This Project Self-Assessment Plan is approved by the AI4Debunk General Assembly on its meeting on 27 June 2024.

1 INTRODUCTION

This document sets out the principles, procedures, and criteria to be applied for the self-assessment and internal progress monitoring of the project. It complements the *D1.1 Project Handbook and Quality Assurance Plan*.

The document covers the assessment of the project's success in meeting its objectives, and the targets for scientific and technical performance, and impact measures at the completion of each WP taking into account that the project must to be evaluated against as it progresses and considering specifics of the lump-sum project. However, the completion of WPs is not based on a successful outcome, but on the completion of activities described in the description of action.

The SAP will take into account the information provided in partners' internal reports every 6 months, financial reporting, the evaluation of results within WPs, as well as the ethics self-assessment outcomes. Results of the self-assessment will be regularly reviewed and discussed at the General Assembly (GA) and Steering Committee (SC) meetings.

The main part of this document (Part 3) provides a detailed Self-Assessment Plan – by Work package and task – with timetables and assessment measures.

This deliverable is a living document which has 2 additional updates in M24 (D2.2) and M43 (3.2).

2 OVERVIEW OF PROJECT OBJECTIVES, EXPECTED RESULTS AND EVALUATION METHODOLOGY

2.1 PROJECT OBJECTIVES

The **general objective** of AI4Debunk is to develop human-centered, multimodal, and collaborative AI tools based on knowledge graphs supported by AI and ML modules, which will allow the trustworthy navigation, communication and browsing of citizens online. This will help at a larger scale to counter and detect disinformation, propaganda and foreign interference to protect democratic values and enhance the trust of the citizens, by building collaborative high-quality resources on disinformation.

The 9 specific objectives (SOs) of the project are measured by KPIs and reflected in specific deliverables (See Table 1), they will be evaluated by assessing related tasks and WPs.

TITLE OF SPECIFIC OBJECTIVE	DESCRIPTION	KPI	DELIVERABLE, MONTH
SO1 COMPREHENSIVE MAPPING AND ANALYSIS OF THE MAIN DRIVERS, FACTORS, AND IMPACTS OF ONLINE DISINFORMATION PROCESS.	THIS SO IS DESIGNED TO DESCRIBE AND ANALYSE THE WHOLE DISINFORMATION PROCESS.	**01:** HOLISTIC ANALYSIS OF TWO CASE STUDIES: THE RUSSIAN PROPAGANDA AND THE DISINFORMATION RELATED TO CLIMATE CHANGE. IT ENCOMPASSES: IDENTIFICATION OF TARGET GROUPS, SOURCES OF DISINFORMATION, WAY OF PROPAGATION, LEADING TO THE DEFINITION OF TECHNICAL SPECIFICATIONS FOR THE AI4DEBUNK INNOVATIVE TOOLS.	D5.1, M18 D5.2, M18
SO2 MAPPING MULTIMODAL INFORMATION EFFICIENTLY.	THIS SO AIMS AT COMPILING ALL DESINFORMATION RELATED DATA AT THE SAME PLACE, IN ORDER TO ANALYSE THEM AT THE SAME TIME AND TO COMPARE THEM WITH ALREADY EXISTING DATASETS.	**02:** DEVELOPMENT OF A MULTIMODAL KNOWLEDGE GRAPH, AND A MONOMODAL KNOWLEDGE GRAPH WITH MULTIMODAL CONTENT EMBEDDED, USING ML TECHNIQUES, SUCH AS NLP AND TRANSFORMERS, CAPABLE OF SIMULTANEOUSLY INTERRELATING INFORMATION COMING FROM DIFFERENT SOURCES.	D7.2 M32 D9.6, M42
SO3 ALLOWING THE INTERNET USERS TO BE INVOLVED IN THE PROCESS, SUPPORTING THE DEVELOPMENT OF HUMAN-CENTRED SOLUTIONS.	THIS SO AIMS AT LINKING AI EXPERTS, DISINFORMATION ANALYSTS AND CITIZENS.	**03:** DEVELOPMENT OF KNOWLEDGE GRAPHS OPEN-SOURCE DATA, SUPPORTED BY THE COLLABORATIVE PLATFORM WHICH ALLOWS THE ONLINE CITIZENS TO CHANGE THE STRUCTURE OF THE GRAPH.	D7.3, M42 D11.4, M40

TITLE OF SPECIFIC OBJECTIVE	DESCRIPTION	KPI	DELIVERABLE, MONTH
SO4 ANALYSING THE TRUSTWORTHINESS OF A CONTENT, REGARDLESS OF ITS MODALITY.	THIS SO WILL PERFORM A HIGH-QUALITY CHECKING OF DIFFERENT TYPES OF MODALITIES MAPPED IN THE KNOWLEDGE GRAPHS, AND WILL DEVELOP MODULES TO THAT EXTENT, BASED ON AI AND ML TECHNIQUES.	**04:** DEVELOPMENT OF AT LEAST **3** DISINFORMATION DETECTION MODULES, FOR VARIOUS MODALITIES: WRITTEN CONTENT, VIDEO CONTENT AND AUDIO CONTENT.	D9.1, M42 D9.2, M42
SO5 PROVIDING THE BASIS FOR AN EU STANDARD BASIS FOR DEVELOPING DEBUNKING SOFTWARES, TOOLS AND INTERFACES.	THIS SO AIMS TO PROVIDE A STANDARD TOOLBOX FOR THE BATTLE AGAINST DISINFORMATION, ENABLING ANY SOFTWARE DEVELOPER TO CREATE ITS SOLUTION.	**05:** DEVELOPMENT OF A STANDARD DISINFORMATION DEBUNKING API.	D11.1, M40
SO6 PROVIDING A SET OF AI SOLUTIONS, SUPPORTING CITIZENS HOW TO DEAL WITH DISINFORMATION.	THIS SO AIMS TO DEVELOP DIFFERENT TYPES OF INNOVATIVE AI-POWERED INTERFACES, FOR DIFFERENT TYPES OF USES AND USERS.	**06:** DEVELOPMENT OF 4 DIFFERENT INTERFACES BASED ON THE API ELABORATED (SO5): A WEB PLUGIN, A COLLABORATIVE PLATFORM, A MOBILE APPLICATION, AND AN AR/VR INTERFACE.	D11.2, M40 D11.3, M40 D11.4, M40 D11.5, M40

TITLE OF SPECIFIC OBJECTIVE	DESCRIPTION	KPI	DELIVERABLE, MONTH
SO7 DEVELOPING FLEXIBLE AI SOLUTIONS, TAILORED TO THE NEEDS OF INTERNET USERS, REGARDLESS OF THEIR PROFILE.	ALL THE INTERFACES DEVELOPED NEED TO PLACE THE USER, THEY NEEDS AND EXPECTATIONS AT THE HEART OF THE PROCESS AND TAKE INTO ACCOUNT THE HUMAN FACTOR, AS WELL AS THE KNOWLEDGE AND METHODS SUPPORTING THE USABILITY OF THEM.	**07:** THE 4 INTERFACES OF AI4DEBUNK (SO6) WILL BE DEVELOPED WITH THE OBJECTIVE TO BE HUMAN-CENTRED, MEANING THAT THEY WILL LET THE CITIZENS CHECK THE CONTENT THEY WANT, WHENEVER THEY WANT AND WHEREVER THEY WANT, IN AN ERGONOMIC INTERFACE. ISO 9241-210:2019 WILL BE CONSIDERED.	D11.2, M40 D11.3, M40 D11.4, M40 D11.5, M40
SO8 PRACTICAL VALIDATION AND EXPLAINABILITY OF AI4DEBUNK TOOLS.	THIS SO AIMS TO ANALYSE THE SIGNAL OF A CONTENT ON ITS GLOBALITY (THROUGH THE VARIOUS MODULES DEVELOPED) AND PROVIDE A REPORT TO THE ONLINE USER.	**08:** PROVIDING A COMPREHENSIVE DISINFOSCORE, WHICH IS A SCORE OF "FAKENESS", WITH CONCRETE EXPLANATION FOR EACH CONTENT THAT AN ONLINE CITIZEN WANTS TO CHECK, REGARDLESS THE INTERFACE HE IS USING.	D9.4, M34 D9.5, M34
SO9 SUPPORTING YOUNG INTERNET USERS BY PROVIDING GAMES AND BOOKS FOR INCREASED AWARENESS ON FAKE NEWS AND ENHANCED CRITICAL THINKING.	THIS SO AIMS TO TEACH THE YOUNG GENERATION THE BASIS OF DISINFORMATION AND AI, IN ORDER TO DEVELOP THEIR CRITICAL THINKING THOUGH THE PROJECT DISSEMINATION AND EXPLOITATION PLAN.	**09:** AI4DEBUNK GAMES AND BOOKS DISTRIBUTED IN 9000 SCHOOLS, ALLOWING YOUNG PEOPLE TO DEVELOP THEIR CRITICAL THINKING, WHICH COULD BE APPLIED IN THE NEXT GENERATION OF SOCIAL MEDIA AS PART OF DIGITAL UNIVERSE(S) OR FEDIVERSE(S).	D17.3, M48 D17.4, M48

TABLE 1: SPECIFIC OBJECTIVES, KPI AND DELIVERABLES

2.2 EXPECTED RESULTS

Summary: the project will develop 4 human-centered AI-powered interfaces: a web plug-in, a collaborative platform, a smartphone app, and an AR interface. All these solutions will be built upon a "debunking" API focusing on 2 peculiar disinformation topics: the war in Ukraine and disinformation related to climate change and using relevant case studies. The case studies will be used to map disinformation contents on knowledge graphs and compare them to existing databases thanks to AI methods such as NLP. These knowledge graphs will be the skeleton of the projects' technical work: one will be multimodal meaning that all types of modalities (written content, image, video) will be directly embedded, while the monomodal will be only about written content. Then debunking modules will be developed, for each type of modality, based on AI and ML methods that could detect and examine questionable content, by comparing it to the context extracted from the knowledge graphs. RNN, CNN, multi-modal language interpretation, and transformers methods will be used to that extent. The goal of such modules is to give a score of fakeness, which we will call Disinfoscore, for content given as input. The API will permit to integrate the 4 interfaces abovementioned. The plugin will allow people to be instantly noticed when a content they are considering is fake or true, the collaborative platform - also called Disinfopedia, will allow more proactive online users to report questionable content, that will be checked by a debunking committee chaired by a senior analyst, the app interface will allow to check content in their everyday life, while the AR interface will allow citizens to have hindsight on the incoming generation of fake news and social media.

TECHNOLOGY	WORK TO BE DONE	TRL PROJECT START	TRL PROJECT END
Multimodal knowledge graph	Building of two different types of knowledge graph: unimodal and multimodal knowledge graph to compare them regarding their applications	2	5
Monomodal knowledge graph		4	8
Monomodal fake news detection modules	Development of several monomodal modules concerning text, images, video, or audio data to distinguish between pristine and fake contents.	3	6-7
Multimodal fake news detection modules	A module capable of fusing the different results from the monomodal fake news detectors and integrate the contextual information from the knowledge graph.	2	5-6
Trustworthy AI modules	Building a wrapper for the AI-based systems to ensure they provide trustworthy forecasts and are safely used.	3	6-7
Fake news toolbox/ debunking API definition	Definition of the type of interface; This definition is crucial and will have an agile approach to keep in pace with developments in the project	4	6-7[1]
Multimodal Plugin development	The plugin will take a news as input and provide a disinformation score easy to understand and which parts of the current news might be corrupted but also a set of links from the knowledge graph proving the disinfoscore.	4	7
Collaborative platform	Development of a collaborative Platform. The platform will be designed as a digital platform such as a wiki combined with a link to upload the fake news to be determined. And the information on how to deal with fake news is also here approachable. The software will be designed in such a way that the platform is approachable for all users. The main objective of the platform will be that users can submit information, collect information, or screen information in one place, the Disinfowiki. The platform includes the necessary human reviewer interface with human experts confirming whether it is fake news.	4	7
Mobile application with AR	Development of mobile application with AR interface under the objective to automatically detect whether data inputs, either from the digital/virtual world or the physical world are true or fake.	4	7

TABLE 2: TECHNOLOGY READINESS LEVEL OF THE PROPOSED SOLUTIONS

Project results are reflected in deliverables and milestones. Overall, the project has 61 deliverables and 8 milestones across 18 WPs and 71 tasks during the 48 months of implementation.

In addition, the impact of the project and relevant indicators, as well as the exploitation of results are described in the Communication and Dissemination Plan and the Exploitation Plan.

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[1] TRL level was reduced from the initially proposed level 8 to 6-7.

2.3 EVALUATION METHODOLOGY

The project implementation is taking place within 18 WP according to logic shown in the PERT chart in the DoA and reflected in Figure 1.
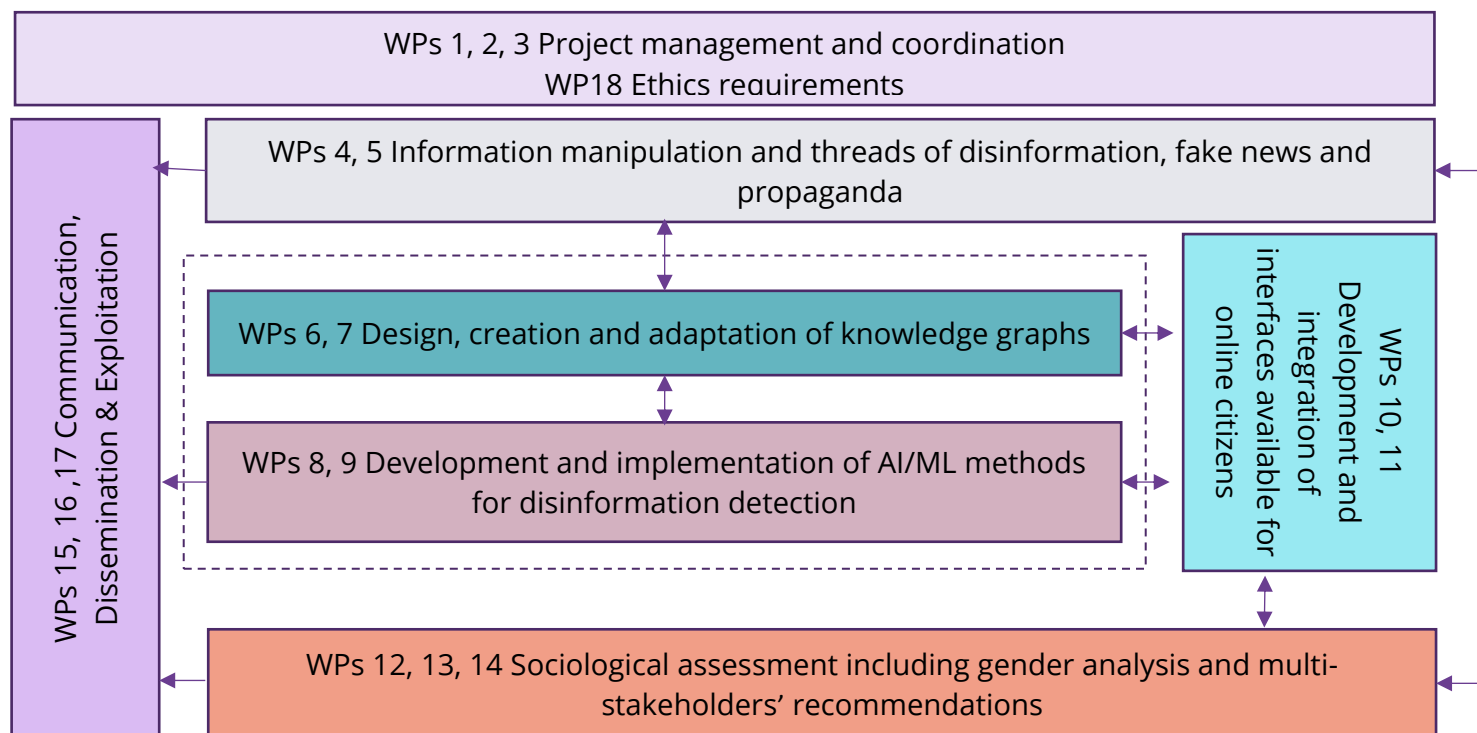
FIGURE 1: PERT CHART OF THE PROJECT

According to the timetable presented in the DoA during the 48 months project implementation period there are the following 10 deadlines for completing WPs: M12, 15, 18, 21, 22, 26, 31, 36, 42, 48. The performance assessment of individual WPs by WP leaders and involved partners will be done according to the month of WP completion according to the Table 3.

The described approach of performance assessment is particularly important considering that in lump sum grants:
- the coordinator must complete the 'status of work packages' table in the Grant Management System and mark work packages as 'completed' or 'not completed'.
- the technical report should focus on the completion of work packages (in particular, when you declare a work package as completed, the report must explain and justify this).

WP	MONTH OF WP COMPLETION	LEADING PARTNER/ RESPONSIBLE FOR CONDUCTING ASSESSMENT	PARTNERS INVOLVED
WP1	M18	UL	ALL
WP2	M36	UL	ALL
WP3	M48	UL	ALL
WP4	M12	UL	Euractiv, P4D, CNR, IUA
WP5	M21	UL	- ALL except F6S
WP6	M21	CNR	Euractiv, IUA, MICC, CNIT, BSC, DotSoft, UMONS, UG, HU, IP
WP7	M42	CNR	Euractiv, IUA, MICC, CNIT, BSC, DotSoft, UMONS, UG, HU, IP
WP8	M22	UMONS	MICC, CNIT, BSC, UMONS, UG
WP9	M42	UMONS	MICC, CNIT, BSC, UMONS, UG
WP10	M26	HU	CNR, MICC, CNIT, BSC, DotSoft, UMONS, UG, HU, IP
WP11	M42	HU	CNR, MICC, CNIT, BSC, DotSoft, UMONS, UG, HU, IP, Euractiv, IUA
WP12	M15	P4D	UL, Euractiv, IUA
WP13	M31	P4D	UL, Euractiv, IUA
WP14	M48	P4D	UL, Euractiv, IUA
WP15	M12	F6S	ALL
WP16	M31	F6S	ALL
WP17	M48	F6S	ALL
WP18	M48	UL	ALL

TABLE 3: ASSESSMENT OF THE CONCLUSION OF WORK PACKAGES

A technical evaluation will be performed by the technology partners on the individual components developed so far in the project, as well as on the integrated platforms by defining the type of evaluation and/or testing method specific to each component, in order to be able to track progress and evaluation. It will also include verifying the achievement of a particular TRL level comparing with the project start and end time as described in the Table 2. Details are covered in the specific technical Work packages.

The evolution of the scientific and technological domains will also form the basis for the exploitation pathways providing the analysis of collective and individual (partner) exploitation trajectories according to the facts and figures that will become available.

The assessment of WP should also consider the achievement of a particular SO as reflected in the Table 4.

The Self-Assessment Report of a particular WP must be completed and submitted by the WPL to the Lead Partner 2 weeks prior to the completion of this respective WP. The Self-Assessment Report must be approved at the WP meeting by all involved partners.

3 SELF-ASSESSMENT PLAN AND REPORTING ACCORDING WORK PACKAGES AND TASKS

The Self-Assessment Plan is based on the division of WPs and tasks among project participants. Therefore, the Self-Assessment reporting is performed by the WPL and partners involved in respective WPs. It should reflect the division of tasks between partners, achieved deliverables and milestones, and level of their completion. In addition, the implementation of WPs, tasks and deliverables must be assessed against the general project objective, Special Objectives and related KPIs, where relevant. In addition, for WPs 6 to 11 the achievement of the TRL level must be assessed.

The Self-Assessment methodology foresees the assessment of WP and deliverables from the perspectives of 1) achieving a full level of completion according to the time plan; 2) assessment of the impact of completed WP on projects' objectives and KPIs; 3) technical assessment with respect to achieving the TRL levels as planned.

For additional references and information, please, also review the DoA and the AI4Debunk Work Plan, 2024-2027.

3.1 WP1, WP2, WP3 INITIAL, INTERIM AND FINAL PROJECT MANAGEMENT AND COORDINATION

WPL – UL, Involved partners – ALL

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
WP1 - Initial Project management and coordination		UL	18	
T1.1 Project coordination and data management	D1.1	UL	3	
T1.2 Cooperation and internal communication	D1.2	UL	6	
T1.3 Quality and ethics management		UL		
WP2 - Interim Project management and coordination		UL	36	
T2.1 Project coordination and data management	D2.1	UL	22	
T2.2 Cooperation and internal communication	D2.2	UL	24	
T2.3 Quality and ethics management		UL		
WP3 - Final Project management and coordination		UL	48	
T3.1 Project coordination and data management	3.1	UL	40	
T3.2 Cooperation and internal communication	3.2	UL	43	
T3.3 Quality and ethics management		UL		

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 4: ASSESSMENT OF WP1 & 2 & 3

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Explain the impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

3.2   WP4 – INFORMATION MANIPULATION AND THREADS OF DISINFORMATION, FAKE NEWS AND PROPAGANDA; WP5 – INDENTIFICATION OF TARGET GROUPS, FAKE NEWS AND TECHNOLOGICAL REQUIREMENTS

WPL – UL,Involved partners:
- WP4 – EURACTIV, P4D, CNR, IUA;
- WP5 – EURACTIV, P4D, CNR, IUA, - ALL except F6S

WP &TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*	SO CODE**	KPI CODE**
WP4 - Information manipulation and threads of disinformation, fake news and propaganda		UL	12		n/a	n/a
T4.1 Baseline analysis of disinformation, propaganda and fake news	D4.1	UL	12			
T4.2 Social media engagement in dissemination of disinformation	D.4.2	UL	12			
WP5 - Identification of target groups, fake news and technological requirements		UL	21			
T5.1 Identification of disinformation target groups, sources and hosts of fake news/propaganda	D5.1	UL	18		SO1	01
T5.2 Identification of narratives and fake news throughout Europe through various case studies	D5.2	UL	18		SO1	01
T5.3 Identification of requirements and technological solutions/specifications	D5.3	MICC	21			

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.
** Please, see in Table 1 full names of SO and KPIs.

TABLE 5: ASSESSMENT OF WP4 & 5

DESCRIPTION OF A TASK

Please, assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what were the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Also explain the impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

Assess, how the completion of tasks helped to achieve SO and project's main objective where applicable (WP5). Are planned KPIs achieved by completing respective deliverables (D5.1, D5.2). If there were any related problems or challenges, please, describe them. Also, explain the impact on other SO and provide details to allow assessing whether the project is on track. In addition, list main conclusions and takeaways.

3.2.1 M1 – HOLISTIC UNDERSTANDING OF 2 CASE STUDIES; M2 – TECHCOLOGICAL SPECIFICATIONS FOR THE AI EXPERTS DEFINED

Work package: WP5
Milestone leader: UL
Involved partners: All except F6S

MILESTONE NAME	MILESTONE CODE	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
Holistic understanding of the 2 case studies	M1	UL	18	
Technological specifications for the AI experts defined	M2	UL	21	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 6: ASSESSMENT OF MILESTONES 1 & 2

Together with the assessment of a completed WP, assess the level of completion (%) of these Milestones and related tasks. Describe what were the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

3.3 WP6 – DESIGN, CREATION AND ADAPTATION OF KNOWLEDGE GRAPHS; WP7 – FINAL DESIGN, UPSCALING AND ADAPTATION OF KNOWLEDGE GRAPHS

WPL – CNR,
Involved partners: EURACTIV, IUA, MICC, CNIT, BSC, DotSoft, UMONS, UG, HU, IP.

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*	SO CODE**	KPI CODE**
WP6 - Design, creation and adaptation of knowledge graphs		CNR	21		n/a	n/a
T6.1 Preparation of the starting dataset of fake statements and related multimedia contents	D6.1	CNR	6, 9, 13			
T6.2 Initial feature extraction using ML and multimodal AI modules	D6.2	CNR	21			
T6.3 Creation of the knowledge graphs	D6.3	CNR	21			
T6.4 Continuous graph adaptation	D6.4	UMons	21			
WP7 - Final design, upscaling and adaptation of knowledge graphs		CNR	42			
T7.1 Final feature extraction using ML and multimodal AI modules	D7.1	CNR	28			
T7.2 Upscaling of the knowledge graphs	D7.2	CNR	32		SO2	02
T7.3 Continuous graph adaptation	D7.3	UMons	42		SO3	03

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.
** Full names of SO and KPIs, please, see in Table 1.

TABLE 7: ASSESSMENT OF WP6 & 7

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Explain the impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Also explain the impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

Assess, how the completion of tasks helped to achieve SO and project's main objective where applicable (WP7). Are planned KPIs achieved by completing respective deliverables (D7.2, D7.3). If there were any related problems or challenges, describe them. Also, explain the impact on other SO and provide details to allow assessing whether the project is on track. In addition, list main conclusions and takeaways.

Assess if the level of TRL has been achieved as planned. Describe what were the main challenges and risks for achieving the desired TRL level and what actions were taken to deal with these challenges and risks. Is the TRL level has been achieved by the end of implementing respective WPs as planned or are there any deviations? If any deviations persist, justify them.

3.3.1 M3 – DEVELOPMENT OF THE UNIMODAL KNOWLEDGE GRAPH; M4 – DEVELOPMENT OF THE MULTIMODAL KNOWLEDGE GRAPH

Work package: 7
Milestone leader: CNR
Involved partners: EURACTIV, IUA, MICC, CNIT, BSC, DotSoft, UMons, NoG, HU, IP

MILESTONE NAME	MILESTONE CODE	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
Development of the unimodal knowledge graph	M3	CNR	21	
Development of the multimodal knowledge graph	M4	CNR	21	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 8: ASSESSMENT OF MILESTONES 3 & 4

Together with the assessment of a completed WP, assess the level of completion (%) of these Milestones. Describe what were the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

3.4 WP8 & WP9 – DEVELOPMENT AND IMPLEMENTATION OF AI/ML METHODS FOR DISINFORMATION DETECTION

WPL – UMons;
Involved partners: CNIT, MICC, BSC, UoG

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*	SO CODE**	KPI CODE**
WP8 - Development of AI/ML methods for disinformation detection		UMons	22		n/a	n/a
T8.1 Development of ML modules for Decision Support	D8.1	MICC	22			
T8.2 Development of multimodal adaptable AI modules	D8.2	UMons	22			
T8.3 Creating Trustworthy AI models for fake news detection	D8.3	BSC	22			
T8.4 Disinformation probability score: disinfoscore	D8.4	UMons	22			
T8.5 Disinfoscore explanation	D8.5	UMons	22			
WP9 - Implementation of AI/ML methods for disinformation detection		UMons	42			
T9.1 Implementation of ML modules for Decision Support	D9.1	MICC	42		SO4	04
T9.2 Implementation of multimodal adaptable AI modules	D9.2	UMons	42		SO4	04
T9.3 Developing Trustworthy AI models for fake news detection	D9.3	BSC	34			
T9.4 Disinformation probability score: disinfoscore	D9.4	UMons	34		SO8	08
T9.5 Disinfoscore explanation	D9.5	UMons	34		SO8	08
T9.6 Benchmarking evaluation and comparison of developed models for different applications and TRLs	D9.6	UMons	42		SO2	02

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.
** Full names of SO and KPIs, please, see in Table 1.

TABLE 9: ASSESSMENT OF WP8 & 9

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Explain the impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

Assess, how the completion of tasks helped to achieve SO and project's main objective where applicable (WP9). Are planned KPIs achieved by completing respective deliverables (D9.1, D9.2, D9.4, D9.5, D9.6). If there were any related problems or challenges, describe them. Also, explain the impact on other SO and provide details to allow assessing whether the project is on track. In addition, list main conclusions and takeaways.

Assess if the level of TRL has been achieved as planned. Describe what were the main challenges and risks for achieving the desired TRL level and what actions were taken to deal with these challenges and risks. Is the TRL level has been achieved by the end of implementing respective WPs as planned or are there any deviations? If any deviations persist, justify them.

3.4.1   M5 – ENOUGH DISINFORMATION DETECTION MODULES ARE DEVELOPED

Work package: 9
Milestone leader: UMons
Involved partners: MICC, CNIT, BSC, UMONS, UG

MILESTONE NAME	MILESTONE CODE	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
Necessary disinformation detection modules are developed	M5	UMons	30	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 10: ASSESSMENT OF MILESTONE 5

Assess the level of completion (%) of this Milestones and related tasks. Describe what were the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

3.5   WP10 & WP11 – DEFINITION, DEVELOIPMENT AND INTEGRATION OF DIFFERENT INTERFACES AVAILABLE FOR ONLINE CITIZENS

WPL – HU;
Involved partners: CNR, MICC, CNIT, BSC, DotSoft, UMons, NoG, IP, EURACTIV

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*	SO CODE**	KPI CODE**
WP10 - Definition of different interfaces available for online citizens		HU	26		n/a	n/a
T10.1 Debunking API definition	D10.1	HU	26			
T10.2 Plug in interface definition, with personalised help	D10.2	HU	26			
T10.3 App interface definition	D10.3	DotSoft	26			
T10.4 Collaborative platform interface definition: Disinfopedia	D10.4	IP	26			
T10.5 Definition of AR/VR environments applications	D10.5	DotSoft	26			
WP11 - Development and integration of different interfaces available for online citizens		HU	42			
T11.1 Debunking API development and integration	D11.1	HU	40		SO5	05
T11.2 Plug in interface development and integration, with personalised help	D11.2	HU	40		SO6, SO7	06, 07
T11.3 App interface development and integration	D11.3	DotSoft	40		SO6, SO7	06, 07
T11.4 Platform interface development and integration	D11.4	IP	40		SO3, SO6, SO7	03, 06, 07
T11.5 AR/VR environments applications development and integration	D11.5	DotSoft	40		SO6, SO7	06, 07
T11.6 Testing and validation by beta-testers, benchmarking of the different interfaces	D11.6	HU	42		SO6, SO7	06, 07

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.
** Full names of SO and KPIs, please, see in Table 1.

TABLE 11: ASSESSMENT OF WP10 & 11

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Explain the impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

Assess, how the completion of tasks helped to achieve SO and project's main objective where applicable (WP11). Are planned KPIs achieved by completing respective deliverables (D11.1, D11.2, D11.3, D11.4, D11.5, D11.6). If there were any related problems or challenges, describe them. Also, explain the impact on other SO and provide details to allow assessing whether the project is on track. In addition, list main conclusions and takeaways.

Assess if the level of TRL has been achieved as planned. Describe what were the main challenges and risks for achieving the desired TRL level and what actions were taken to deal with these challenges and risks. Is the TRL level has been achieved by the end of implementing respective WPs as planned or are there any deviations? If any deviations persist, justify them.

3.5.1 M6 – FIRST VERSION OF THE DEBUNKING API DEVELOPED AND OPERATIONAL; M7 – FOUR HUMAN INTERFACES DEVELOPED AND OPERATIONAL

Work packages: 10, 11
Milestone leader: HU
Involved partners: EURACTIV, IUA, CNR, MICC, CNIT, BSC, DotSoft, UMons, NoG, IP

MILESTONE NAME	MILESTONE CODE	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
First version of the debunking API developed and operational	M6	HU	34	
Four human interfaces developed and operational	M7	HU	40	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 12: ASSESSMENT OF MILESTONES 6 & 7

Assess the level of completion (%) of these Milestones and related tasks. Describe what were the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

3.6 WP12 & WP13 & & WP14 – INITIAL, INTERIM AND FINAL SOCIOLOGICAL ASSESSMENT INCLUDING GENDER ANALYSIS AND MULTI-STAKEHOLDERS' RECOMMENDATIONS

WPL – P4D;
Involved partners: UL, EURACTIV, IUA

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
WP12 - Initial sociological assessment including gender analysis and multi-stakeholders' recommendations		P4D	15	
T12.1 Forecast on the tool's perceptions by citizens and social media users	D12.1	P4D	15	
T12.2 Sociological assessment of the resilience mechanisms to disinformation thanks to the tool through beta testers	D12.2	P4D	15	
T12.3 Gender and Equity analysis of the project and of the tools developed	D12.3	P4D	15	
T12.4 Desk review analysis of the 2 case studies	D12.4	UL	15	
T12.5 Multi-stakeholders perspectives on resilience to disinformation	D12.5	P4D	15	
WP13 - Interim sociological assessment including gender analysis and multi-stakeholders' recommendations			31	
T13.1 Sociological assessment of the resilience mechanisms to disinformation thanks to the tool through beta testers	D13.1	P4D	31	
T13.2 Gender and Equity analysis of the project and of the tools developed	D13.2	P4D	31	
T13.3 Sociological assessment of the results of the tools on the various case studies and comparison with the WPs 4 and 5 analysis	D13.3	UL	31	
T13.4 Multi-stakeholders perspectives on resilience to disinformation (focus groups)	D13.4	P4D	31	
T13.5 Multi-stakeholders recommendations and feedback on the tools	D13.5	P4D	31	
WP14 - Final sociological assessment including gender analysis and multi-stakeholders' recommendations			48	
T14.1 Sociological assessment of the resilience mechanisms to disinformation thanks to the tool through beta testers	D14.1	P4D	48	
T14.2 Gender and Equity analysis of the project and of the tools developed	D14.2	P4D	48	
T14.3 Sociological assessment of the results of the tools on the various case studies and comparison with the WPs 4 and 5 analysis	D14.3	UL	48	
T14.4 Multi-stakeholders perspectives on resilience to disinformation (focus groups)	D14.4	P4D	48	
T14.5 Multi-stakeholders recommendations and feedback on the tools	D14.5	P4D	48	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.
** Full names of SO and KPIs, please, see in Table 1.

TABLE 13: ASSESSMENT OF WP12 & 13 & 14

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Also explain the impact on other tasks on the available resources and the planning. In addition, explain the impact on other tasks and provide details to allow assessing whether the project is on track. List main conclusions and takeaways.

3.6.1   M8 – GENDER EQUALITY PLAN

Work package: 14
Milestone leader: P4D
Involved partners: UL, EURACTIV

MILESTONE NAME	MILESTONE CODE	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
Gender Equality Plan	M8	P4D	6	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 14: ASSESSMENT OF MILESTONE 8

Assess the level of completion (%) of these Milestones and related tasks. Describe what were the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

3.7   WP15 & WP16 & WP17 – INITIAL, INTERIM AND FINAL COMMUNICATION, DISSEMINATION & EXPLOITATION

WPL – F6S;
Involved partners: UL, IP, EURACTIV, HU, F6S

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*	SO CODE**	KPI CODE**
WP15 - Initial Communication, Dissemination & Exploitation		F6S	12		n/a	n/a
T15.1 Communication & Dissemination Strategy	D15.1	F6S	6			
T15.2 Exploitation Pathways		F6S	12			
T15.3 Awareness Generation Activities		F6S	12			
WP16 - Interim Communication, Dissemination & Exploitation		F6S	31		n/a	n/a
T16.1 Exploitation Pathways	D16.1	F6S	31			
T16.2 Awareness Generation Activities	D16.2	F6S	31			
T16.3 Definition of the dissemination strategy for the plugin and the platform	D16.3	IP	M31			
T16.4 Definition of learning program by games and by books		IP				
WP17 - Final Communication, Dissemination & Exploitation		F6S	48			
T17.1 Exploitation Pathways	D17.1	F6S	M48			
T17.2 Awareness Generation Activities	D17.2	F6S	M48			
T17.3 Dissemination of the plug in and the platform	D17.3	IP	M48		SO9	09
T17.4 Learning program by games and by books	D17.4	IP	M48		SO9	09

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.
** Full names of SO and KPIs, please, see in Table 1.

TABLE 15: ASSESSMENT OF WP15 & 16 & 17

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Also explain the impact on other tasks on the available resources and the planning. In addition, explain the impact on other tasks and provide details to allow assessing whether the project is on track.

Assess, how the completion of tasks helped to achieve SO and project's main objective where applicable (WP17). Are planned KPIs achieved by completing respective deliverables (D17.3, D17.4). If there were any related problems or challenges, please, describe them. Also, explain the impact on other SO and provide details to allow assessing whether the project is on track. List main conclusions and takeaways.

3.8   WP18 – ETHICS REQUIREMENTS

WPL – UL, Involved partners – ALL

WP & TASKS	DELIVERABLES	LEADER	MONTH (M) OF COMPLETION	LEVEL OF COMPLETION (%)*
WP18 - Ethics requirements		UL	48	
T18.1 Ethics Committee	D18.1	UL	6	
T18.2 Ethics follow-up	D18.2	UL	12; 24; 36; 48	

*Please, estimate the level of completion of the whole WP, as well as separate tasks and deliverables.

TABLE 16: ASSESSMENT OF WP18

DESCRIPTION OF A TASK

Assess the level of completion (%) of these WPs, related tasks, and deliverables. Describe what are the main challenges and risks for achieving all results on time if applicable and what actions were taken to deal with these challenges and risks.

Include explanations for tasks not fully implemented, critical objectives not fully achieved and/or not being on schedule. Also explain the impact on other tasks on the available resources and the planning. In addition, explain the impact on other tasks and provide details to allow assessing whether the project is on track. List main conclusions and takeaways.

4   SELF-ASSESSMENT REPORTING OF PARTNERS

Once the self-assessment of WPs is performed according to the methodology described in the Part 3, the responsible WPL leader prepares the report according to the requirements specified in the methodology.

The report should consist of the following parts:

1. **Overall description.**

- Shortly describe the WP or Milestone concerned, main results and process of its accomplishment.

2. **Assessment of the completion of WP.**

- State the level of completion of WP (%) and timing, related tasks, and deliverables. Describe what were the main challenges and risks for achieving all results on time and what actions were taken to deal with these challenges and risks. (Copy and paste the Assessment table from Part 3.) Include explanations for tasks not fully implemented, specific objectives not fully achieved and/or reasons for not following planned time schedule, as well as the following impact on other tasks on the available resources and the planning. Also, explain the impact on other tasks and provide details to allow assessing whether the project implementation is on the track.

3. **Assessment of the impact.** (WP5, WP7, WP9, WP11, WP17)

- Assess, how the completion of tasks helped to achieve SO and project's main objective where applicable. Are planned KPIs achieved by completing respective deliverables. If there were any related problems or

challenges, please, describe them. Also, explain the impact on other SO and provide details to allow assessing whether the project is on track.

4. **Technical assessment** (From WP6 to WP11)
- Assess if the level of TRL has been achieved as planned. Describe what were the main challenges and risks for achieving the desired TRL level and what actions were taken to deal with these challenges and risks. Is the TRL level has been achieved by the end of implementing respective WPs as planned or are there any deviations? If any deviations persist, justify them.

5. **Main conclusions and takeaways**
- List main conclusions and takeaways from your assessment.

APPENDIX A   WORK PACKAGES, TASKS AND PARTNERS INVOLVED

	1	2	3	4	5	6	6a	7	8	9	10	11	12	13
WP leader														
Task leader	UL	Euractiv Bulgaria	P4D	IUA	CNR	MICC /UNIFI	CNIT	BSC	DotSoft	UMons	UoG	HU	IP	F6S
Involved in a task	LV	BG/BE	BE	UA	IT	IT	IT	ES	GR	BE	IR	NL	NL	IR
WP1 - Initial Project management and coordination	V													
T1.1 Project coordination and data management	V													
T1.2 Cooperation and internal communication	V	V	V	V	V	V	V	V	V	V	V	V	V	V
T1.3 Quality and ethics management	V													
WP2 - Interim Project management and coordination	V													
T2.1 Project coordination and data management	V													
T2.2 Cooperation and internal communication	V	V	V	V	V	V	V	V	V	V	V	V	V	V
T2.3 Quality and ethics management	V													
WP3 - Final Project management and coordination	V													
T3.1 Project coordination and data management	V													
T3.2 Cooperation and internal communication	V	V	V	V	V	V	V	V	V	V	V	V	V	V
T3.3 Quality and ethics management	V													
WP4 - Information manipulation and threads of disinformation, fake news and propaganda	V													
T4.1 Baseline analysis of disinformation, propaganda and fake news	V	V	V	V	V									
T4.2 Social media engagement in dissemination of disinformation	V	V	V	V	V									
WP5 - Identification of target groups, fake news and technological requirements	V													
T5.1 Identification of disinformation target groups, sources and hosts of fake news/propaganda	V	V	V	V	V									
T5.2 Identification of narratives and fake news throughout Europe through various case studies	V	V	V	V	V									
T5.3 Identification of requirements and technological solutions/specifications	V	V	V	V	V	V	V	V	V	V	V	V	V	
WP6 - Design, creation and adaptation of knowledge graphs					V									
T6.1 Preparation of the starting dataset of fake statements and related multimedia contents		V		V	V	V	V				V			
T6.2 Initial feature extraction using ML and multimodal AI modules					V					V	V			

Task														
T6.3 Creation of the knowledge graphs						V			V					
T6.4 Continuous graph adaptation		V		V	V	V	V			V	V	V	V	
WP7 - Final design, upscaling and adaptation of knowledge graphs						V								
T7.1 Final feature extraction using ML and multimodal AI modules						V			V	V				
T7.2 Upscaling of the knowledge graphs						V			V					
T7.3 Continuous graph adaptation		V		V	V	V	V			V	V	V	V	
WP8 - Development of AI/ML methods for disinformation detection									V					
T8.1 Development of ML modules for Decision Support						V	V		V	V				
T8.2 Development of multimodal adaptable AI modules									V					
T8.3 Creating Trustworthy AI models for fake news detection					V	V	V		V	V				
T8.4 Disinformation probability score: disinfoscore					V	V	V		V	V				
T8.5 Disinfoscore explanation						V			V					
WP9 - Implementation of AI/ML methods for disinformation detection									V					
T9.1 Implementation of ML modules for Decision Support						V	V		V	V				
T9.2 Implementation of multimodal adaptable AI modules									V					
T9.3 Developing Trustworthy AI models for fake news detection					V	V	V		V	V				
T9.4 Disinformation probability score: disinfoscore					V	V	V		V	V				
T9.5 Disinfoscore explanation									V					
T9.6 Benchmarking evaluation and comparison of developed models for different applications and TRLs					V	V	V		V	V				
WP10 - Definition of different interfaces available for online citizens											V				
T10.1 Debunking API definition				V	V	V	V	V	V	V	V	V		
T10.2 Plug in interface definition, with personalised help											V	V		
T10.3 App interface definition							V				V	V		
T10.4 Collaborative platform interface definition: Disinfopedia											V	V		
T10.5 Definition of AR/VR environments applications							V				V	V		
WP11 - Development and integration of different interfaces available for online citizens											V				
T11.1 Debunking API development and integration				V	V	V	V	V	V	V	V	V		
T11.2 Plug in interface development and integration, with personalised help											V	V		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
T11.3 App interface development and integration											V			V	V	
T11.4 Platform interface development and integration														V	V	
T11.5 AR/VR environments applications development and integration											V			V	V	
T11.6 Testing and validation by beta-testers, benchmarking of the different interfaces		V		V							V			V	V	
WP12 - Initial sociological assessment including gender analysis and multi-stakeholders' recommendations			V													
T12.1 Forecast on the tool's perceptions by citizens and social media users	V	V	V	V												
T12.2 Sociological assessment of the resilience mechanisms to disinformation thanks to the tool through beta testers	V	V	V	V												
T12.3 Gender and Equity analysis of the project and of the tools developed	V	V	V	V												
T12.4 Desk review analysis of the 2 case studies	V	V	V	V												
T12.5 Multi-stakeholders perspectives on resilience to disinformation	V	V	V	V												
WP13 - Interim sociological assessment including gender analysis and multi-stakeholders' recommendations			V													
T13.1 Sociological assessment of the resilience mechanisms to disinformation thanks to the tool through beta testers	V	V	V	V												
T13.2 Gender and Equity analysis of the project and of the tools developed	V	V	V	V												
T13.3 Sociological assessment of the results of the tools on the various case studies and comparison with the WPs 4 and 5 analysis	V	V	V	V												
T13.4 Multi-stakeholders perspectives on resilience to disinformation (focus groups)	V	V	V	V												
T13.5 Multi-stakeholders recommendations and feedback on the tools	V	V	V	V												
WP14 - Final sociological assessment including gender analysis and multi-stakeholders' recommendations			V													
T14.1 Sociological assessment of the resilience mechanisms to disinformation thanks to the tool through beta testers	V	V	V	V												
T14.2 Gender and Equity analysis of the project and of the tools developed	V	V	V	V												
T14.3 Sociological assessment of the results of the tools on the various	V	V	V	V												

case studies and comparison with the WPs 4 and 5 analysis	V	V	V	V										
T14.4 Multi-stakeholders perspectives on resilience to disinformation (focus groups)	V	V	V	V										36
T14.5 Multi-stakeholders recommendations and feedback on the tools	V	V	V	V										
WP15 - Initial Communication, Dissemination & Exploitation														V
T15.1 Communication & Dissemination Strategy	V													V
T15.2 Exploitation Pathways	V	V		V										V
T15.3 Awareness Generation Activities	V	V	V	V	V	V	V	V	V	V	V	V	V	V
WP16 - Interim Communication, Dissemination & Exploitation														V
T16.1 Exploitation Pathways	V	V		V										V
T16.2 Awareness Generation Activities	V	V	V	V	V	V	V	V	V	V	V	V	V	V
T16.3 Definition of the dissemination strategy for the plugin and the platform		V										V	V	V
T16.4 Definition of learning program by games and by books		V										V	V	V
WP17 - Final Communication, Dissemination & Exploitation														V
T17.1 Exploitation Pathways	V	V		V										V
T17.2 Awareness Generation Activities	V	V	V	V	V	V	V	V	V	V	V	V	V	V
T17.3 Dissemination of the plug in and the platform		V										V	V	V
T17.4 Learning program by games and by books		V										V	V	V
WP18 - Ethics requirements	V													
T18.1 Ethics Committee	V	V	V	V	V	V	V	V	V	V	V	V	V	V
T18.2 Ethics follow-up	V	V	V	V	V	V	V	V	V	V	V	V	V	V

APPENDIX B   WORK PACKAGES, DELIVERABLES, MILESTONES AND DUE DATES

No	Deliverable name	WP number	WPL	Delivery date (in months)
D1.1	Project Handbook, Quality Assurance Plan and Data Management Plan	1	UL	M3
D1.2	Self-Assessment Plan	1	UL	M6
D4.1	Working paper 1. Title "Theoretical (in months) framework for the analysis of disinformation campaigns and foreign interference in the EU policy making"	4	UL	M12
D4.2	Working paper 2. "Information manipulation in the EU media ecosystem and response effectiveness"	4	UL	M12
D5.1	Working paper 3 and policy brief. "Disinformation target groups in the EU member states sources and hosts of propaganda"	5	UL	M18
D5.2	Working paper 4 and policy brief. "Narratives and foreign interference throughout Europe illustrated by case studies"	5	UL	M18
D5.3	Report on requirements	5	MICC	M12, M21
D6.1	Starting dataset of fake statements and related multimedia contents	6	CNR	M6, M9, M13
D6.2	Updated release of the dataset containing extracted features	6	CNR	M21
D6.3	First report on the building process of the knowledge graphs	6	CNR	M21
D6.4	First report on the process of continuous graph adaptation	6	UMons	M21
D7.1	Updated release of the dataset containing features extracted applying ML and multimodal AI modules	7	CNR	M28
D7.2	Final report on the building process of the knowledge graphs	7	CNR	M32
D7.3	Final report on the process of continuous graph adaptation	7	UMons	M42
D8.1	Initial reports on the modules developed	8	MICC	M22
D8.2	Initial reports on the multimodal fake news detection modules and multimodal fake news dataset	8	UMons	M22
D8.3	Initial reports on the trustworthiness of the different modules developed	8	BSC	M22
D8.4	Initial calculation of a score representing the amount of disinformation in the data	8	UMons	M22
D8.5	Initial explainability module tracing back between the data and the score	8	UMons	M22

D9.1	Final reports on the modules developed	9	MICC	M42
D9.2	Final reports on the multimodal fake news detection modules and multimodal fake news dataset	9	UMons	M42
D9.3	Final reports on the trustworthiness of the different modules developed	9	BSC	M34
D9.4	Final score representing the amount of disinformation in the data	9	UMons	M34
D9.5	Final explainability module tracing back between the data and the score	9	UMons	M34
D9.6	Benchmark on several metrics comparing all models and proving the efficiency of using context	9	UMons	M42
D10.1	Report on the definition of the debunking API	10	HU	M26
D10.2	Report on the definition of the plug-in	10	HU	M26
D10.3	Report on the definition of the app	10	DotSoft	M26
D10.4	Report on the definition of the collaborative platform	10	IP	M26
D10.5	Report on the definition of the AR/VR environments applications	10	DotSoft	M26
D11.1	Final version of the debunking API	11	HU	M40
D11.2	Final version of the plug in	11	HU	M40
D11.3	Final version of the app	11	DotSoft	M40
D11.4	Final version of the collaborative platform	11	IP	M40
D11.5	Final version of the AR/VR environments applications	11	DotSoft	M40
D11.6	Report on the benchmarking between the different interfaces	11	HU	M42
D12.1	Report on the possible impacts of the tool on the perceptions of the citizens and the social media users	12	P4D	M15
D12.2	Initial report on the resilience mechanisms triggered by the tools	12	P4D	M15
D12.3	Gender Equality Plan	12	P4D	M15
D12.4	Report on the desk review analysis	12	UL	M15
D12.5	Initial report on the multi-stakeholder's perspectives	12	P4D	M15
D13.1	Intermediate report on the resilience mechanisms triggered by the tools	13	P4D	M31
D13.2	Report on the Gender Equality analysis of the tools developed	13	P4D	M31
D13.3	Report on the comparison	13	UL	M31
D13.4	Intermediate report on the multi-stakeholders' perspectives	13	P4D	M31
D13.5	Intermediate recommendations from the task force	13	P4D	M31
D14.1	Final report on the resilience mechanisms triggered by the tools	14	P4D	M48
D14.2	Gender Equality roadmap	14	P4D	M48

D14.3	Book publication on the case study 1: Russian propaganda	14	UL	M48
D14.4	Final report on the multi-stakeholders' perspectives	14	P4D	M48
D14.5	Final recommendations from the task force	14	P4D	M48
D15.1	1st version of PDCER - Communication, Dissemination and Exploitation Activities	15	F6S	M6
D16.1	Revised PDCER - Communication, Dissemination and Exploitation Activities	16	F6S	M31
D16.2	Dissemination plan for the plugin and the collaborative platform	16	IP	M31
D16.3	Report on the specifications for the learning program	16	IP	M31
D17.1	Final Report on Communication, Dissemination and Exploitation Activities	17	F6S	M48
D17.2	Report on the dissemination of the plugin and the platform	17	IP	M48
D17.3	Report on the dissemination of the learning books	17	IP	M48
D17.4	Report on the dissemination of the learning games	17	IP	M48
D18.1	Ethics guideline	18	UL	M6
D18.2	Ethics Advisors Report	18	UL	M12/24/36/48

Milestone number	Milestone name	WPL	Due Date (in Month)
1	Holistic understanding of the 2 case studies	5 / UL	18
2	Technological specifications for the AI experts defined	5 / UL	21
3	Development of the unimodal knowledge graph	7 / CNR	21
4	Development of the multimodal knowledge graph	7 / CNR	21
5	Enough disinformation detection modules are developed	9 / UMons	30
6	First version of the debunking API developed and operational	10 / HU	34
7	Four human interfaces developed and operational	11 / HU	40
8	Gender equality plan	13 / P4D	6