

COVINFORM

COronavirus Vulnerabilities and INFOrmation dynamics Research and Modelling

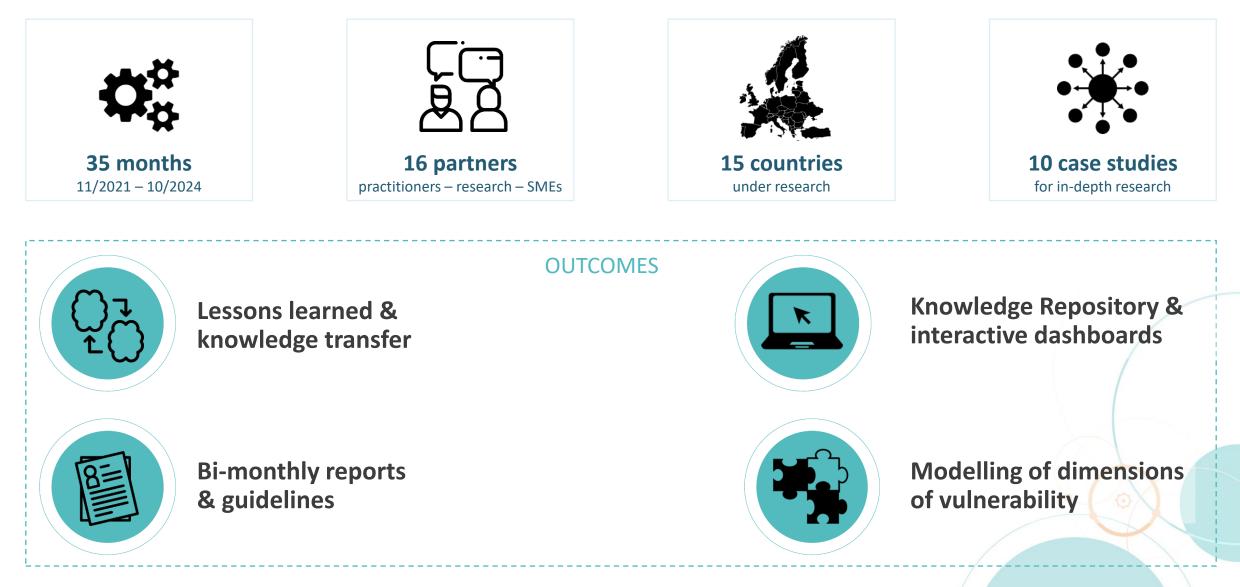
Project introduction





COVINFORM at a glance





The COVINFORM project

COVINFORM analyses promising practices and their consequences in target communities through **case studies** focusing on the impact on **vulnerable populations** such as frontline healthcare workers, older people, homeless persons, ethnic minorities, etc.

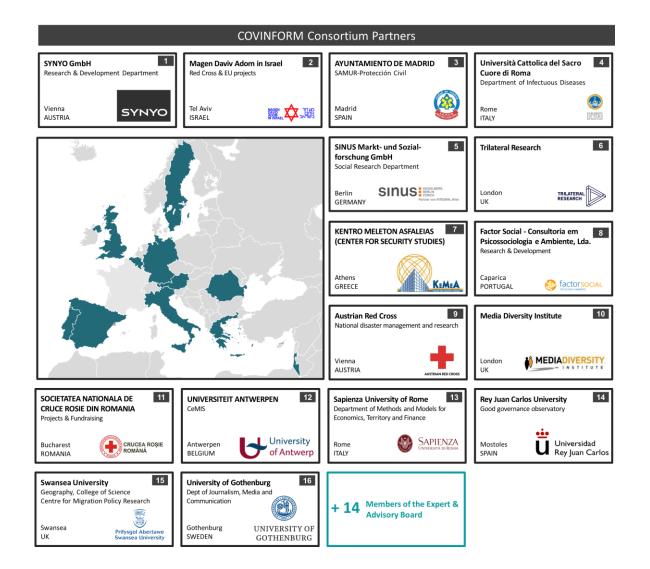
Drawing **upon intersectionality theory** and **complex systems analysis**, the project conducts an interdisciplinary critique of COVID-19 responses and their (unintended) socio-economic impact on the levels of government, public health, community, and information and **inclusive communication and misinformation**.

The COVINFORM project will:

- assess COVID-19 responses in a multilevel governance framework in a cross-country comparison;
- index and model relevant dimensions of health, socioeconomic, political, and community vulnerability and resilience to
- develop an online portal, guidelines and toolkits for stakeholders in the governmental, public health, and civil society/community domains.

Project consortium





16 partners from 11 countries

- 5 universities
- 7 practitioners and research organisations
- 4 industry and SMEs from medical and security sectors
- multi-disciplinary approach: combining expertise in
 - sociology,
 - public health,
 - emergency medicine,
 - psychology,
 - migration studies,
 - anthropology,
 - epidemiology,
 - virology,
 - gender studies,

- economics,
- risk communication,
- communication science & journalism,
- crisis management,
- ethical and social impact assessments,
- political science, and
- human geography.

Objectives





ANALYSE preparedness, initial responses, and subsequent responses to COVID-19 across the EU27 countries and the UK and selected third countries.



INDEX and model relevant dimensions of health, socioeconomic, political, and community vulnerability and resilience within a multidisciplinary and intersectional theoretical framework.



COMPARE selected regional/local responses within 15 EU27+UK countries, with a focus on local social structures and multi-level governance processes at the local level and whether they diverge from national response plans.



ASSESS the impacts of national and regional/local COVID-19 responses on human behaviour, social dynamics, and physical and mental health outcomes within both general populations and specific vulnerable groups.

Objectives





IMPLEMENT pilot case studies in selected EU and non-EU countries, with a focus on transferring promising practices for boosting well-being within specific vulnerable groups.



DEVELOP policy guidelines and promising practices to influence adherence to behavioural advice across different groups in society and improve the resilience, wellbeing and mental health of the population.



INTEGRATE the project parameters, data flows, research findings, case study assessments, and response guidance into the COVINFORM COVID-19 Knowledge Repository.

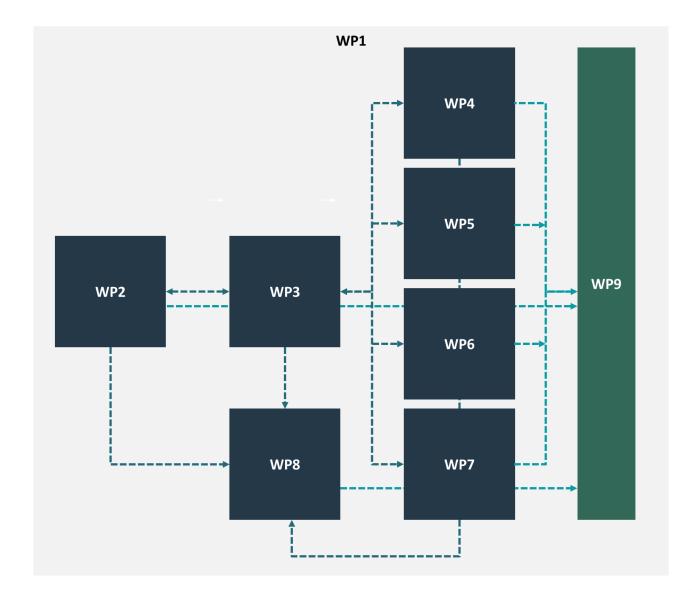
Work plan



	PROJECT PERIOD 1	PROJECT PERIOD 2	
PROJECT PLAN COVINFORM	Morth Morth <th< th=""><th>Month Month <th< th=""><th></th></th<></th></th<>	Month Month <th< th=""><th></th></th<>	
WP1 PROJECT MANAGEMENT	MS1	MS12	
T1.1 Project coordination and administration and financial management	D1.1 D1.3	D1.8	
T1.2 Quality Assurance, risk and innovation management	 D1.2		
T1.3 Research ethics management and monitoring	 D1.4 D1.6		Project management
T14 Data management, security and monitoring			
T1.5 Multidisciplinarity and intersectionality coordination			
11.5 Waterschimany and mersectionality coordination			
WP2 RISK ASSESSMENT MODEL TO EVALUTE THE RESPONS AND IMPAT	100	100	
T2.1 Data collection and review	D2.1		
T2.2 Data processing and cleaning	D2.2	D2.6	Data modelling & risk analysis
T2.3 Development of risk assessment tools to map the response, impact and consideration of vulnerability		D2.3 D2.7	
T2.4 Exploratory scenario applications and geo-spatial map overlay with multiple layers		D2.4 D2.9	
T2.5 Evaluation		D2.8	
12.5 Evaluation		D2.8	
WP3 CASE STUDY DESIGN AND EVALUATION	MS3		
T3.1 Case study design and methodological framework	D3.1	D3.5	Case study design & analysis
13.1 Case study design and methodological tramework T3.2 Design research activities per case study		D3.6 D3.6	Case study design & analysis
T3.2 Design research activities per case study T3.3 Coordinate research activities per case study	D3.2 D3.3	D3.5 D3.7	
T3.5 Comparative and cross-domain evaluation	D3.4	D0.7	
13.5 Comparative and cross-domain evaluation	03.4	03.8	
WP4 GOVERNMENT RESPONSES AND IMPACT ASSESSMENT	MS5		
T4.1 Describe governmental structures and responses in the target countries	D4.1	D45	
14.1 Describe governmental structures and responses in the target countines T4.2 Conduct primary empirical research on governmental responses	D4.1 D42		Governmental response
T4.3 Assess and critique governmental responses on key dimensions of impact	D4.3	D4.7	Governmentar response
T4.5 Synthesise and interpret findings on governmental responses and impact T4.5 Synthesise and interpret findings on governmental responses and impacts	D4.3	D48	
THUS Symmessie and mempres minungs on governmental responses and impacts		04.0	
WP5 PUBLIC HEALTH RESPONSES AND IMACT ASSESSMENT	MS6	MS9	
T5 1 Describe public health systems and responses in the target countries	D5.1	D55	
T5.2 Conduct primary empirical research on public health responses			Dublic boolth receptors
T5.3 Assess and critique public health responses on key dimensions of impact	D5.3	D5.7	Public health response
T5.4 Synthesise and interpret findings on public health responses and impacts		D54 D58	
···· •)			
WP6 CITIZEN AND COMMUNITY RESPONSES AND IMPACT ASSESSMENT	MS7		
T6.1 Describe community structures, stakeholder networks and responses in the target countries	D6.1	D6.5	
T6.2 Conduct primary empirical research on community and citizen responses	D6.2	D6.6	
T6.3 Assess and critique community and citizen responses on key dimensions of impact	D6.3	D6.7	Community & citizen response /
T6.4 Synthesise and interpret findings on citizen responses and impacts		D6.4 D6.9	
WP7 INCLUSIVE COVID-19 COMMUNICATION FOR BEHAVIOUR CHANGE & ADDRESSING MISINFOR	RMATION MS4		
T7.1 Describe communication strategies and practices in the target countries	D7.1	D7.5	
T7.2 Conduct primary empirical research on governmental responses	D7.2	D7.6	
T7.3 Assess and critique governmental responses on key dimensions of impact	D7.3	D7.7	(Inclusive) communication & misinformation
T7.4 Synthesise and interpret findings on governmental responses and impacts	D7.4	D7.8	(inclusive) communication & misimormation
WP8 DEVELOPMENT OF SOLUTIONS, GUIDELIENS AND RECOMMENDATIONS	MS2	MS10	
T8.1 Develop and publish bi-monthly reports for different target groups	D8.1	D8.2	
T8.2 Guidance and recommendations for government and policy		D8.3	
T8.3 Guidance and recommendations for public health		 D8.4	Colutions, suidalines 0 hit world
T8.4 Guidance and recommendations to enhance the citizen response		D8.5	Solutions, guidelines & bi-monthly reports
T8.5 Guidance and recommendations for communication and combating misinformation		D8.6	
T8.6 COVINFORM COVID-19 Knowledge Repository		D8.7	
WP9 DISSEMINATION, EXPLOITATION AND COMMUNICATION		MS11	
T9.1 Dissemination and expoitation plan and monitoring	D9.1 D9.6	D9.10	
T9.3 Communication plan and monitoring	D9.2 D9.7		Communication, Dissemination & Exploitation
T9.4 Establish an online and media presence	D9.3		communication, Dissemination & Exploitation
T9.5 Public outreach and engagement with existing projects and networks	D9.4 D9.5	D9.8 D9.9 D9.11	

Work package interdependencies





COVINFORM

8

Methodology



 HARD AND SOFT SYSTEMS SCIENCE: quantification and predictive model-building & cultivation of interaction, communication, and policy-making among the complex web of actors involved

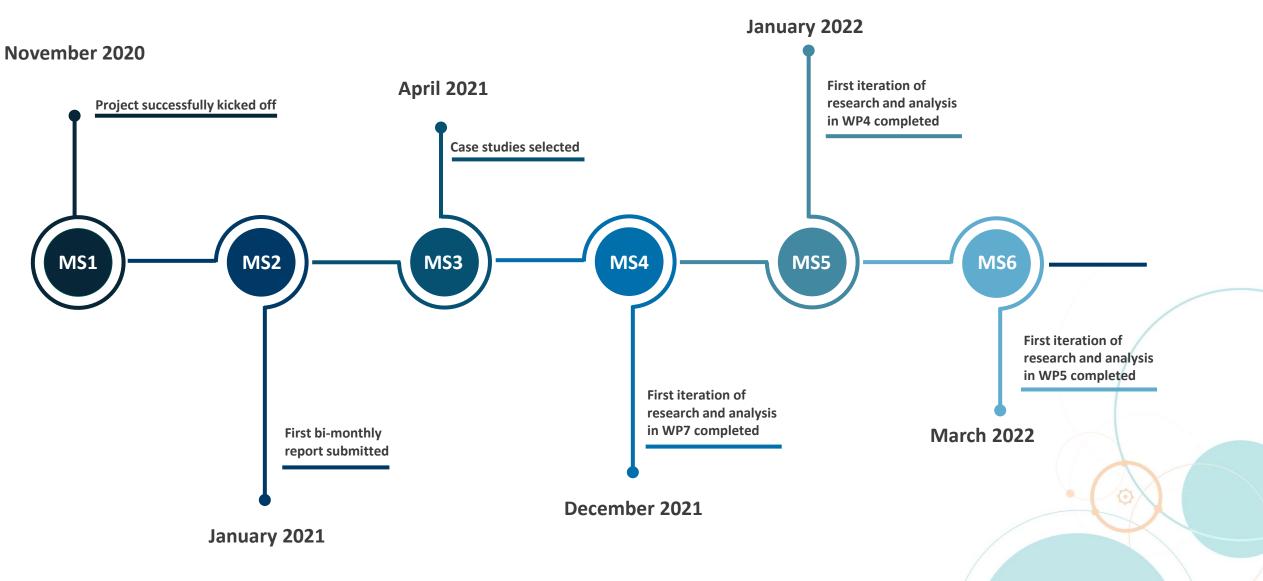
 MIXED-METHODS CASE STUDIES AND TRIANGULATION OF INTERSECTING VULNERABILITIES: utilization of quantitative, qualitative, and hybrid methods

 INNOVATIVE AND CREATIVE THEORIES AND METHODS: synthesis of perspectives in quantitative social science and humanistic and qualitative social science (theory level), utilization of innovative and creative methods (research level)

 RISK ASSESSMENT MODEL AND REPOSITORY DEVELOPMENT: building of risk assessment models, with both qualitative and quantitative data

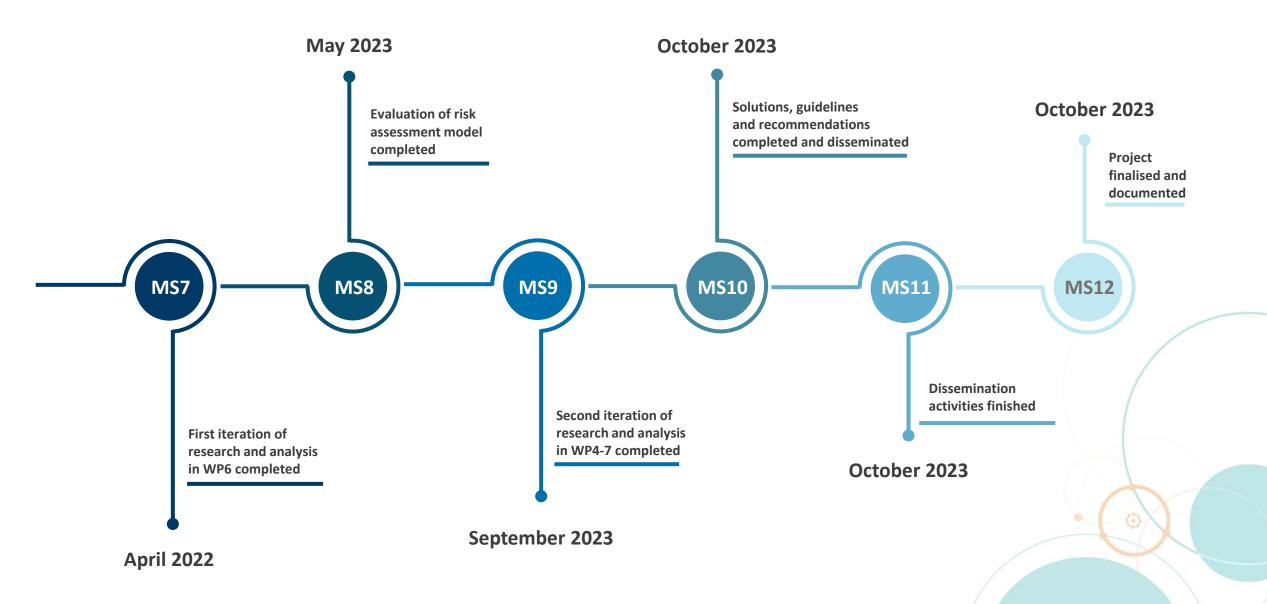
Milestones





Milestones





Expected outcomes



Knowledge Repository & interactive dashboard

Lessons learned & knowledge transfer

Identification & modelling of different
dimensions of vulnerability & resilience

Bi-monthly reports & guidelines

Impacts





Improve the resilience, wellbeing and mental health of the population, frontline workers and vulnerable groups and mitigate health inequalities during and after pandemics;



Contribute to a better understanding of the impact, effectiveness, the public health preparedness and responses (control) that have been taken at different governance levels in the context of the ongoing pandemic;



Prepare holistic assessments of the social, economic and political impacts of the outbreak and its responses, and to propose and deploy evidence-based policy measures and other initiatives to improve industry's and society's adaptation capacity and resilience;



Contribute to a holistic public health preparedness and response in the context of ongoing and future epidemics;

Impacts





Provide health authorities with guidance for further public health interventions, and support implementation of actions to mitigate or manage consequences of current policies, and to better tailor future pandemic management strategies.



Inclusive guidance, recommendations and policy: examine the impact of COVID-19 responses on vulnerable and marginalised groups, provide guidance and recommendations for more inclusive policies that consider the particular needs of different groups.



Emancipating members of so-called vulnerable groups: In giving a voice to members of vulnerable groups and giving them the opportunity to define their own vulnerability, as well as appropriate measures to address it, COVINFORM will contribute to emancipation and visibility of these groups.



COVID-19 Knowledge Repository: bringing together civil protection and disaster management experts and organisations, and support the ability and capacity to deal with disaster; integrate expertise and resources on COVID-19 through the COVID-19 Knowledge Repository.



