

Solutions to improve pandemic management

Improving preparedness to future pandemics

Three projects funded by the European Commission's H2020 research programme are working to raise awareness on and promote solutions to prevent the rise of future pandemics as well as improve preparedness to respond should new pandemics happen again

Addressed Challenges

- Health, demographic change and wellbeing.
- Need for real-time data by specialists engaging in the pandemic response strategies.
- Time-consuming SARS-CoV-2 detection testing techniques.
- Skill and sophisticated equipment needed for some types of SARS-CoV-2 detection testing techniques.
- Healthcare workforce readiness.
- Monitoring of threats and resources.
- Balancing accuracy and timeliness of molecular diagnosis of SARS-CoV-2

Key results



Survey, datasets, models and methods providing valuable information on pandemics management



Free online software system supporting data sharing



Point-of-care COVID-19 testing device reducing the detection time (sample to analysis result) from 2 days to less than 1 hour

SOLUTIONS TO SUPPORT
PANDEMIC MANAGEMENT

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Who benefits?

 Policy Makers

 Research & Academia

 Citizens and Society

This cluster of projects is collaborating to address the challenges and opportunities for Solutions to support pandemic management



CORONADX

The scope of the EU-funded CORONADX project is to develop tests that can be performed by minimally or briefly trained personnel at primary healthcare units, mobile laboratories or even at home. These include point-of-care tests for first-line diagnosis and second-line diagnostics that require portable equipment.

coronadx-project.eu

GA 101003562



PANDEM-2

PANDEM-2 is a H2020 EU-funded project that aims to develop new solutions for efficient, EU-wide pandemic management. The goal of PANDEM-2 is to prepare Europe for future pandemics through innovations in training and to build capacity between EU member states responding to pandemics on a cross-border basis.

pandem-2.eu

GA 883285



EpiPose

EpiPose aims to provide urgently needed answers about the epidemiological characteristics of 2019-nCoV, the social dynamics of the outbreak, and the related public health preparedness and response to the ongoing pandemic, also assessing the economic impact of the pandemic.

www.uhasselt.be/epipose

GA 101003688

