

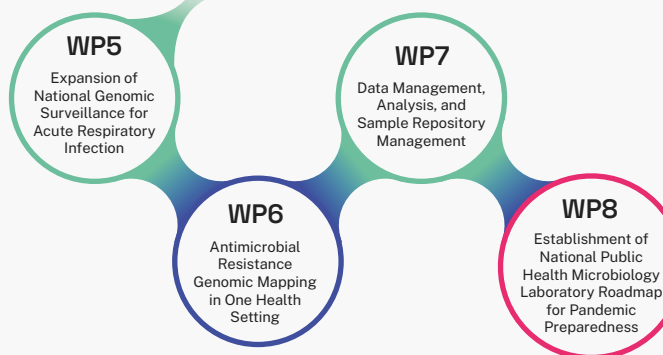
# PANDOMIC ORGANIZATION

Representing the building blocks of **PANDOMIC**, the project is organized into 8 work packages divided into 2 subgroups:

## Management Teams



## Technical Teams



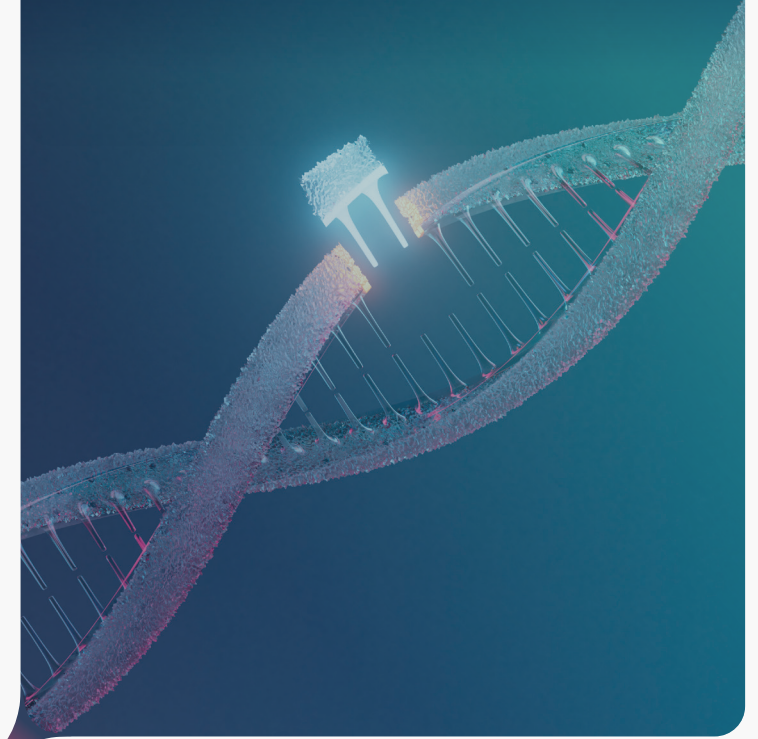
The **Laboratoire national de santé (LNS)** is a public health player that is, thanks to its expertise, a key pillar of the healthcare systems in Luxembourg.



The **Institutul Național de Sănătate Publică (INSP)** carries out its activity in compliance with the provisions of the foundation of Romania's sanitary law, namely the guarantee of public health.



**Institutul Național de Cercetare-Dezvoltare Medico-Militară Cantacuzino (IC)** is a central Romanian scientific institution in the field of biomedicine. It promotes the prevention and fight against infectious diseases through all its activities.



## Stay Updated



[www.pandomic.eu](http://www.pandomic.eu)



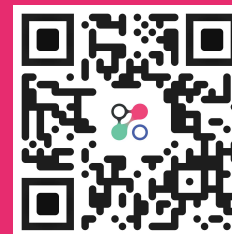
[info@pandomic.eu](mailto:info@pandomic.eu)



[@PANDOMIC\\_EU](https://twitter.com/PANDOMIC_EU)



Implementation of Pandemic Preparedness Plan using Integrated Genomic Surveillance Programs - PANDOMIC



# PANDOMIC

Strengthening genomic surveillance for pandemic preparedness



**DISCLAIMER:** PANDOMIC is co-funded by the European Union. Views and opinions expressed in this document are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Health and Digital Executive Agency. Neither the European Union nor the European Health and Digital Executive Agency can be held responsible for them.

# What is PANDOMIC?

Co-funded by the European Union, **PANDOMIC** (i.e. "Implementation of **P**andemic Preparedness Plan using **I**ntegrated **G**enomic Surveillance Programs") is an initiative from the Laboratoire national de santé (LNS, Luxembourg), the Institutul Național de Sănătate Publică (INSP, Romania) and the Institutul Național de Cercetare-Dezvoltare Medico-Militară Cantacuzino (IC, Romania).

Motivated by the common goal to enhance pandemic preparedness and response at both national and international levels, **PANDOMIC** will contribute to a **more comprehensive and effective genomic surveillance** to strengthening the responsiveness of health systems to prevent EU residents from serious cross-border threats.



## Context

The COVID-19 pandemic demonstrated that national surveillance and monitoring strategies are essential to detect health threats, inform public health actions and responses. Cross-border collaborations contribute significantly to strengthening the responses to health emergencies and pandemic preparedness.

The generation of vast genomic data requires digitalization to ensure efficient data management and data exchange to improve responsiveness of our health systems.



## Objectives

- **Build and expand Whole Genomic Sequencing (WGS)** for respiratory infections and antimicrobial resistance (AMR) surveillance for foodborne pathogens
- **Establish a data management structure** for sample collection and data reporting (in accordance with the Data Protection regulations)
- **Create partnerships** to complement existing networks



## Expected Outcomes

The overall aim of the project is to improve integrated genomic surveillance and pandemic preparedness, notably through:

- Increased WGS capacity and bioinformatic pipelines
- Automation of reporting – visualization and dashboard
- Sharing knowledge



## Funding

**PANDOMIC** has received co-funding from the European Union under grant agreement N°101112724 of the Programme for the Union's action in the field of health (EU4Health Programme).



## PANDOMIC KEY FIGURES

**03** Institutes  
partnered for  
the project

**02** Countries  
involved

**24** Months –  
duration of  
the project

**08** Work  
Packages

