

EU4Health Programme (EU4H)



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National Institute for Public Health
and the Environment
Ministry of Health, Welfare and Sport

UNITED⁴Surveillance

Union and **N**ational Capacity Building 4 **I**ntegra**TED** Surveillance

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National Institute for Public Health and Environment (RIVM, NL)

Gaps identified by the pandemic

EU's preparedness and responses to the COVID-19 pandemic were sub-optimal

Health security framework

- Stronger EU cross border health threats
- Stronger ECDC
- New emergency framework (EMA)





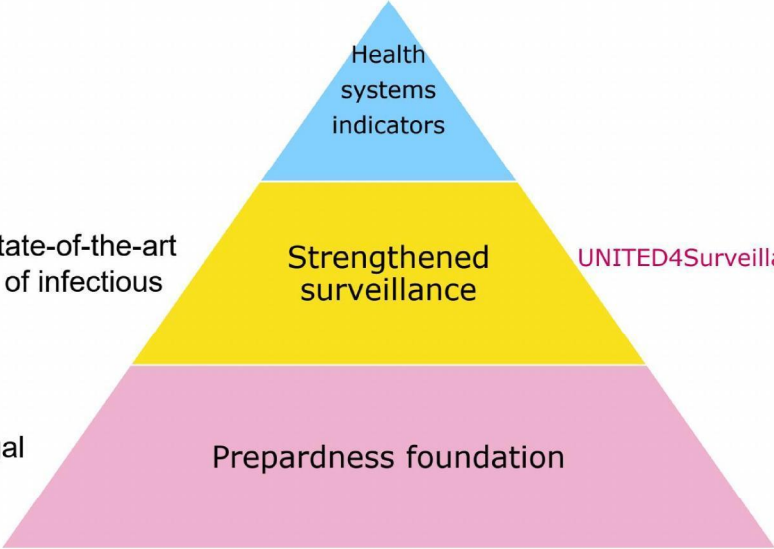
Regulation on serious cross-border threats to health

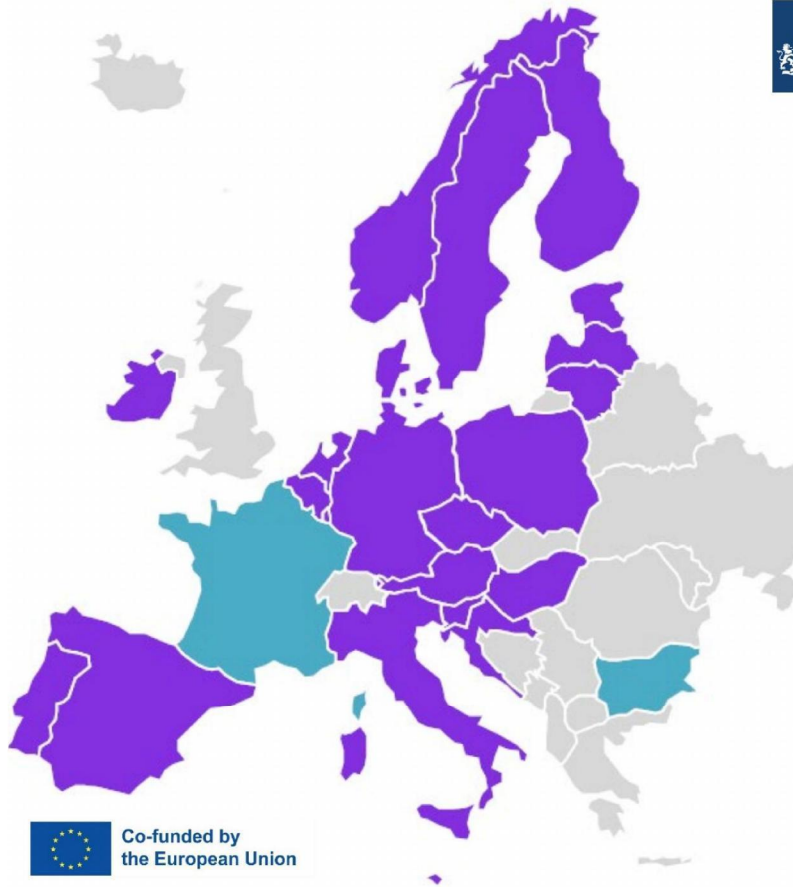
Towards a robust **preparedness planning** and a more **integrated surveillance systems**



Integrated state-of-the-art surveillance of infectious diseases

National policies, legal frameworks, etc.





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Union and National Capacity
Building 4 IntegraTED
Surveillance

1. MSs: 22 beneficiary; 3 Associated Partner
2. Institutes: 22 beneficiary, 11 Affiliated Entities, 8 Associated Partners
3. Coordinator: RIVM

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Objective

Our consortium will develop a roadmap for a decentralized integrated surveillance system for effective infectious disease surveillance, with improvement of

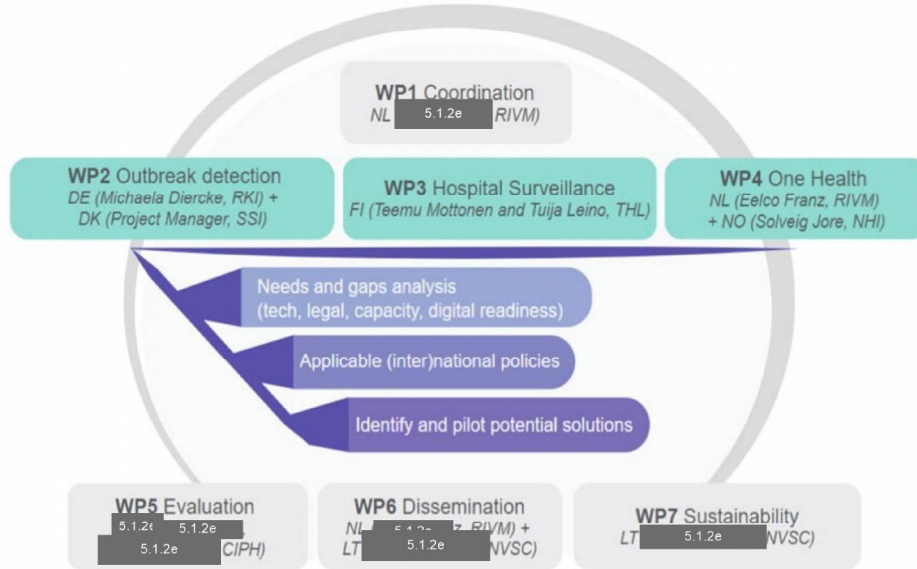
- **integration** of epidemiological data at the national level
- **interoperability** between national systems
- **digitalisation** of health records

As a **JOINT** effort (learning, doing) with outlook to better supranational sharing



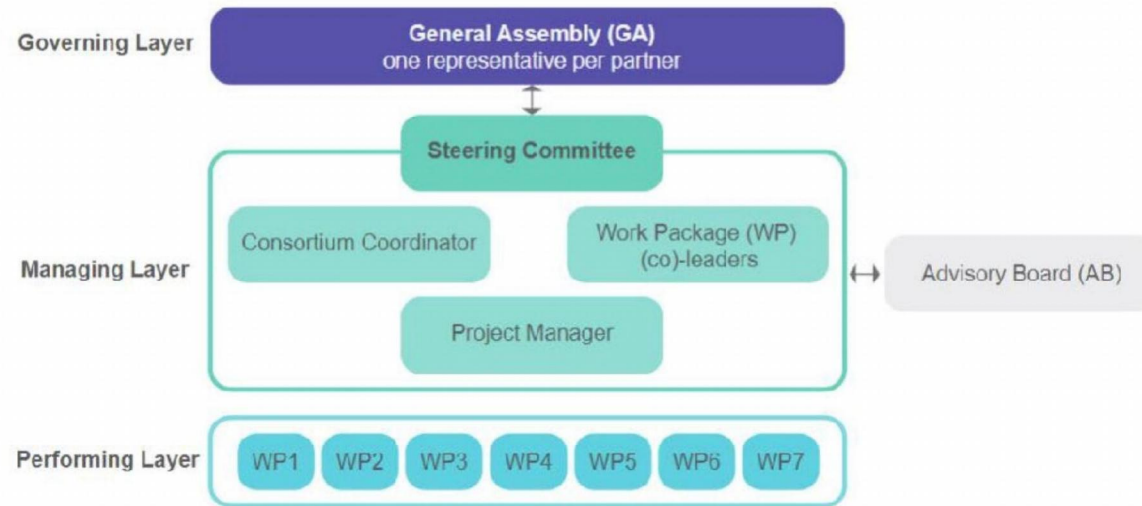


Project structure





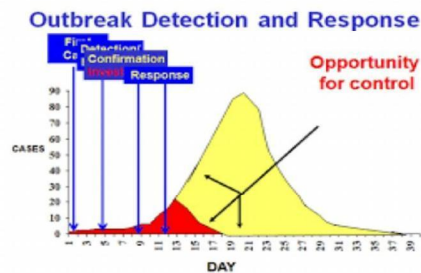
Governance





WP2 Outbreak detection

- › Support outbreak detection and pandemic preparedness by improving real time surveillance for a timelier coordinated response
- › Recommendations and trainings-package for improved laboratory-based (molecular/genomics) reporting and outbreak detection methods
 - Benchmarked data (transfer) standards (**integration** labdata-epidata)
 - **Automated** algorithms for outbreak detection using routine surveillance data





WP3 hospital surveillance

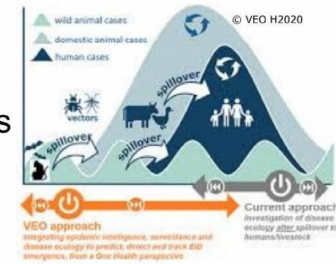
- > Build a foundation for timely, comparable, and representative surveillance of severe infections leading to hospitalization in each Member State
- > Recommendations and trainings-package for **digitalised** surveillance systems of severe infectious diseases leading to hospitalization
 - overcome legal and technical barriers
 - improve the representativeness and timeliness of surveillance, using only electronic reporting
 - **integrate** clinical information on hospitalized patients (syndrome) with microbiological data





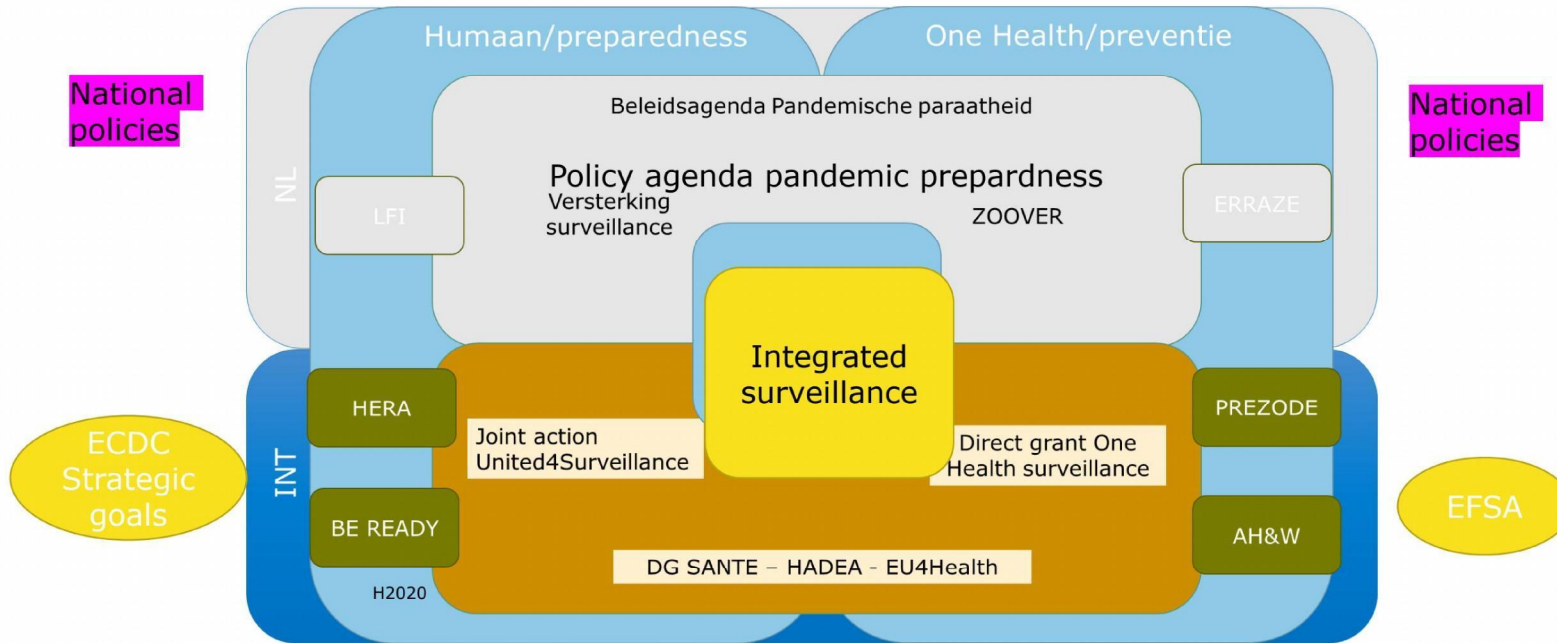
WP4 One Health surveillance

- > Support EU MS and JA partner countries in developing One Health surveillance structures with **integration** of data/signals from the human, animal, and environmental domains
- > Enhanced capability of (early) detecting (re)emerging pathogens with zoonotic potential and performing public health risk assessments
- > Improved source identification of outbreaks
- > Enhanced research into targeted interventions





Ensuring synergy





Status

- > Grant Agreement/Accession forms signed by all partners
- > Project started in 1-1-2023
- > Consortium agreement feedback on first draft. Second draft to be shared with partners for review in week 8
- > Logo and communication materials and website are in production
- > Communication/dissemination plan first draft in week 7
- > EAB (3 members, from ECDC and EFSA)
 - Looking for extra member from academia
- > All core WP's had at least 1 dedicated WP meeting
- > Cross core WP activities
 - Harmonization between WP's on member state surveys



Thank you

