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Connecting Real-Time Data for Smarter Disease Surveillance

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What do we aim to achieve?

Establish an integrated Public Health surveillance IT infrastructure

Enhance early warning through automated surveillance outputs and signals

Establish vector surveillance across Malta

Local capacity building and sustainability



MIDISS is part of the EU4Health Direct Grant for Member States to strengthen and improve national surveillance systems.

Learn more on MIDISS



Malta Infectious Diseases Integrated Surveillance System

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GOVERNMENT OF MALTA
MINISTRY FOR HEALTH
AND ACTIVE AGEING



Health Promotion & Disease
Prevention Directorate



Work Packages

1 Project Management & Coordination

2 Dissemination, Training & Support

3 Project Monitoring & Evaluation

4 Sustainability & Continuity



Mitigating Language Barriers for Better Surveillance

Interpretation services will facilitate 3-way telephone calls between the case manager, patient and interpreter.

This will result in more effective case management and thus improved data completeness and swifter public health actions.



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Project Timeline January 2025 to December 2028



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Establishment of Vector Surveillance

With the emergence of vector-borne diseases such as dengue, chikungunya and West-Nile fever around the Mediterranean, Malta will establish surveillance of mosquitos and sand-flies.

Activities include:

- Country Assessment
- Capacity Building Trainings
- Placing traps across Malta
- Routinely collecting samples
- Identifying vector species
- Analysing insecticide resistance and pathogen presence in vectors



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Public Health Surveillance IT Infrastructure

MIDISS will build an integrated IT surveillance system that automatically sources and processes data from multiple sources into a secure data warehouse, generating real-time dashboards and automated surveillance reports.

Linking Data Sources from:



Population



Hospitals



Primary Health Care



Immunisation



Laboratory



Food Safety



Veterinary



Vector



Wastewater



Environmental



Travel/Food/
Contact History

