



European Centre for Disease Prevention and Control

# **EpiPulse: European surveillance portal for infections diseases**

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# EpiPulse: the European surveillance portal for infectious diseases



## EpiPulse

**TESSy**  
and  
**Molecular**  
**typing**

**EPIS**

**ECDC**  
**Threat**  
**tracking**  
**tool**

## EWRS

**Early Warning**  
**and Response**  
**System**

The European Surveillance System (TESSy) – Functionalities remain unchanged, just new entry point  
Epidemic Intelligence Information System (EPIS) – Upgraded and new functionalities added

# EU Risk assessment and risk management platforms (human health)



	<b>EpiPulse Events/EPIS</b>	<b>EWRS</b>
<b>Objective of the platform</b>	Risk assessment	Risk management
<b>Notification</b>	Voluntary	Mandatory (Decision 1082/2013)
<b>Type of notification</b>	Informal	Formal
<b>Participants</b>	Epidemiologists/microbiologists (Human Public Health and Food Safety Authorities)	Policy makers (Human Public Health authorities)

# EpiPulse areas

In EpiPulse, data are organised under three main areas:

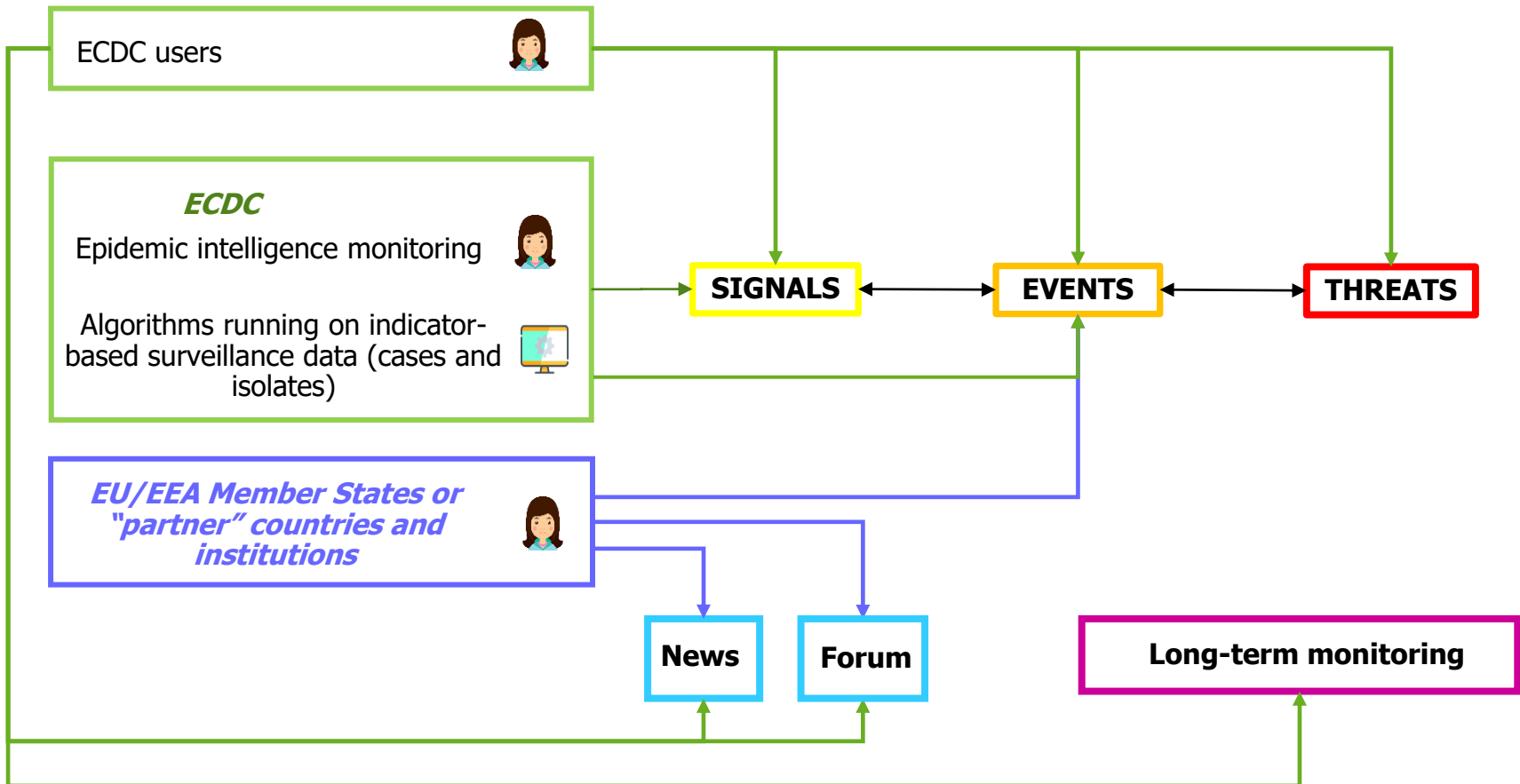
- EpiPulse Cases
- EpiPulse Events and Documents
- EpiPulse Molecular Typing

**The names TESSy and EPIS will progressively no longer be used**

The name ETMS (Event and Threat Management solution) will no longer be used

# Types of items under Events and Document area

(‘Events, Forum & News’ entry in the menu)



**ECDC can re-classify items into other types**

# New domains that never had an EPIS

## List of EpiPulse Domains

<b>1. ARHAI</b>	Antimicrobial resistance and healthcare-associated infections
<b>2. EI</b>	<b>Epidemic Intelligence</b> (New)
<b>3. EVD</b>	Emerging and vector borne diseases (New)
<b>4. FWD</b>	Food- and waterborne diseases and zoonoses
<b>5. HIV</b>	HIV/AIDS (New)
<b>6. STI</b>	Sexually transmitted infections
<b>7. HEP</b>	Viral hepatitis (New)
<b>8. IRV</b>	Influenza and other respiratory viruses (New) It includes COVID-19
<b>9. PREP</b>	<b>Preparedness</b> (New)
<b>10. SoHO</b>	<b>Substances of Human Origin</b> (New) Upcoming
<b>11. ELDSNet</b>	Legionnaires' disease
<b>12. TB</b>	Tuberculosis (New)
<b>13. VPD</b>	Vaccine-preventable Diseases
<b>14. SRV</b>	<b>General Surveillance</b> (New)

# New users: Cross-sectoral collaboration under One Health approach



New sectors:

- Public health
- **Animal health**
- **Biocides**
- Chemicals
- Civil protection
- Drugs
- **Entomology (VectorNet)**
- Environment
- Euro-GASP
- EWRS
- **Food safety**
- Laboratory (EVD LabNet)
- Medicines
- Migration
- Security
- Transport
- **Vet-AMR**

**Special focus in Preparedness**

# General principles for access



ECDC is inviting users from **Food safety, Animal health & Vet-AMR, Biocides\*** sectors

- DG SANTE – already nominated (Readers, cannot see the comments posted by users)
- EFSA – already nominated (Contributors)
- EURLs – permissions under discussion with EFSA
  - EURL Antimicrobial resistance
  - EURL Biotoxins
  - EURL Avian influenza & Newcastle diseases
  - EURL *Campylobacter*
  - EURL *Listeria*
  - EURL Foodborne viruses
  - EURL Equine diseases
  - EURL Parasites
  - EURL Rabies
  - EURL *Salmonella*
  - EURL TSEs
  - EURL *VTEC*
  - ...
- EU/EEA countries – permissions under discussion with EFSA

They are users of **all domains**: meaning that they can be invited to Events/Threats posted in any domain according to permissions rules

When are they invited to **specific Events/Threats?** when there are issues within their mandate and the content of the item should be shared for their knowledge or need of input

\*Biocides users: only from DG SANTE (not yet nominated)



# Contact information



Thank you for your attention

Questions?

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# Extra slides for consultation

# Training

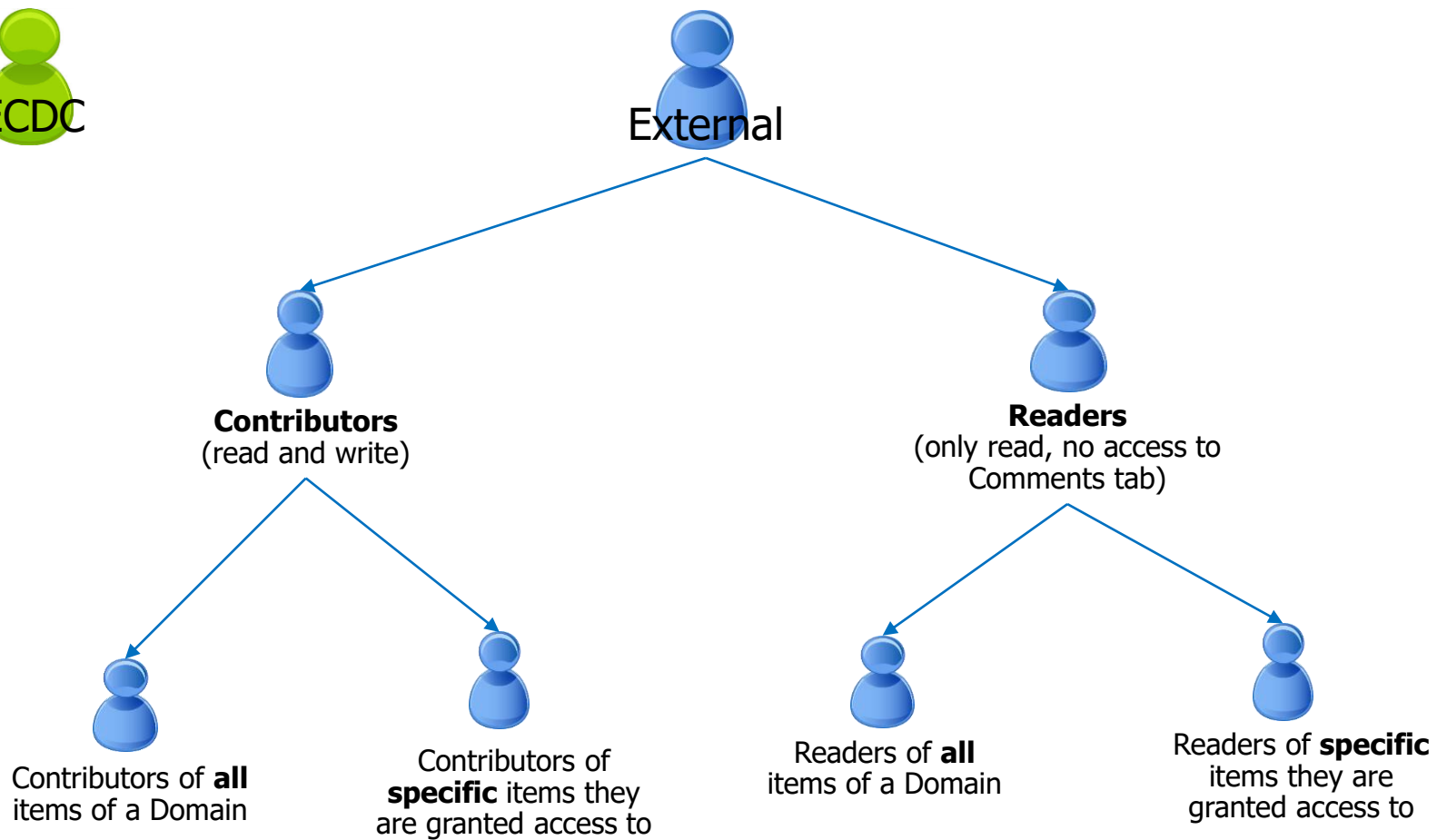


- In-built tutorials in the platform
- Training modules available at ECDC's Virtual Academy (EVA)
- Webinars

All users receive welcome email on how to get started + access to EVA.

Links to training materials in EVA are available in EpiPulse homepage

# The users



# Added value of EpiPulse



- Real-time detection and monitoring through a dynamic dashboard
- Facilitate the sharing of information and collection of data
- Member States enhanced collaboration
- Cross-sectoral enhanced collaboration
- Consistent terminology
- Different access rights according to legislation
- Compatible with mobile devices
- Will improve quality of the ECDC daily a weekly threat reports
- Allow to indicate what is already public information users can freely share

# USEFUL LINKS (1)



## **ECDC Website**

<https://ecdc.europa.eu/en/home>

## **Newsletter**

<http://surveys.publications.europa.eu/formserver/ecdc/subscription.html>

## **Threats and outbreaks**

<https://www.ecdc.europa.eu/en/threats-and-outbreaks>

## **Threat Reports app**

<https://ecdc.europa.eu/en/publications-data/threat-reports-app>

## **Atlas (TESSy data)**

<https://atlas.ecdc.europa.eu/public/index.aspx>

## **ECDC Virtual Academy**

<https://eva.ecdc.europa.eu/>

## **ECDC Tools**

<https://ecdc.europa.eu/en/tools>

## **Toolkit for investigation and response to Food and Waterborne Disease Outbreaks**

<https://www.ecdc.europa.eu/en/publications-data/toolkit-investigation-and-response-food-and-waterborne-disease-outbreaks-eu>

# Useful links (2)



## **Eurosurveillance journal**

<https://www.eurosurveillance.org/>

## **ESCAIDE – Scientific conference**

<https://www.escaide.eu/en>

## **Twitter**

[@ECDC\\_EU](https://twitter.com/ECDC_EU)

[@ECDC\\_Outbreaks](https://twitter.com/ECDC_Outbreaks)

## **Facebook**

<https://www.facebook.com/ECDC.EU/>

## **YouTube**

<https://www.youtube.com/user/ECDCchannel>