

# Workshop on implementing artificial intelligence (AI) for threat detection and epidemic intelligence

16<sup>th</sup> & 23<sup>rd</sup> of September 2025

## Background

The Regulation (EU) 2022/2370 amending the ECDC founding regulation establishes that ECDC should perform threat detection and surveillance, including development of digital platforms and applications and the use of digital technologies such as artificial intelligence (AI) for data collection and analysis.

Moreover, article 14 of the Regulation (EU) 2022/2371 on serious cross-border threats to health defines the need of ensuring the "continued development of the digital platform for surveillance", including the application of "artificial intelligence for data validation, analysis and automated reporting, including statistical reporting".

In 2024, ECDC organised a two-day workshop on AI awareness for threat detection and epidemic intelligence in Stockholm, Sweden. Representatives from 23 EU/EEA Member States and three additional institutions participated in the workshop.

ECDC is organising a **workshop on implementing AI for threat detection and epidemic intelligence**. The workshop **will be held online on 16th and 23rd of September 2025**. The workshop intends to build upon the knowledge gained in the 2024 workshop on AI awareness, but having attended this is not a prerequisite for the workshop in 2025 and material of the 2024 workshop will be made available to all participants.

## Scope and purpose

The **main objective** of this workshop is to increase the participants' ability to identify specific opportunities for AI implementation in their respective organisations.

The **specific objectives** are:

- Sharing knowledge, lessons learned, and ideas among EU/EEA Member States on ongoing AI initiatives.
- Increasing understanding of the needed data and AI capabilities in the organisation to get started on specific AI initiatives.
- Understanding how the value and success of AI initiatives for public health can be assessed.
- Improving the ability to recognise when AI initiatives should be developed on a national versus international level and/or using open source or commercial solutions.

## Participants

The participants of this workshop will be Operational Contact Points for Epidemic Intelligence, National Focal Points for Threat detection, EWRS and IHR (including team members working on threat detection activities), and other key stakeholders, **with no- or limited experience on implementing AI for threat detection and epidemic intelligence**.

# Agenda (CEST times)

## Day 1 (16<sup>th</sup> September 2025)

09:00 – 09:30	Opening remarks, objectives and practicalities
09:30 – 10:30	How to assess AI initiatives in public health
10:30 – 11:00	<i>Coffee break</i>
11:00 – 12:00	[Breakout discussion] Assessing AI initiatives in public health
12:00 – 13:00	<i>Lunch break</i>
13:00 – 13:45	National vs. EU/EEA AI solutions
13:45 – 14:45	AI initiatives from EU/EEA and other institutions
14:45 – 15:15	<i>Coffee break</i>
15:15 – 16:30	[Breakout exercise] How can the AI initiatives be implemented in other EU/EEA countries?
16:30 – 16:45	Plenary discussions on implementing AI initiatives in other countries
16:45 – 17:00	Recap of day 1 and expectations for day 2

## Day 2 (23<sup>rd</sup> September 2025)

09:00 – 09:15	Opening remarks for day 2
09:15 – 10:00	Open source vs. commercial AI technologies
10:00 – 11:00	AI initiatives from EU/EEA and other institutions
11:00 – 11:30	<i>Coffee break</i>
11:30 – 12:15	[Breakout exercise] How can the AI initiatives be implemented in other EU/EEA countries?
12:15 – 12:30	Plenary discussions on implementing AI initiatives in other countries
12:30 – 13:30	<i>Lunch break</i>
13:30 – 14:00	Introduction to creating an AI readiness framework
14:00 – 15:00	[Breakout exercise] Create AI readiness framework
15:00 – 15:30	<i>Coffee break</i>
15:30 – 16:00	[Breakout exercise] Create AI readiness framework
16:00 – 16:30	Plenary on the AI readiness framework
16:30 – 17:00	Recap, evaluation and closing of the workshop