

# Monitoring pest risk with EIOS

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## What is EIOS?

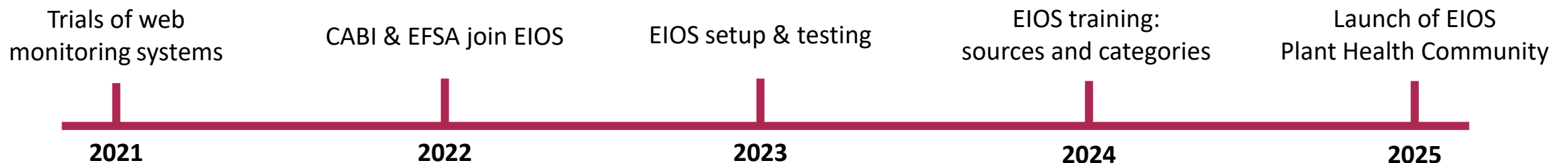
“Epidemic Intelligence from Open Sources”

- Developed and managed by the **Joint Research Centre** (European Commission) and **World Health Organization**
- **OneHealth** approach: human, animal and now plant health
- Near real-time monitors of thousands of **open online sources**



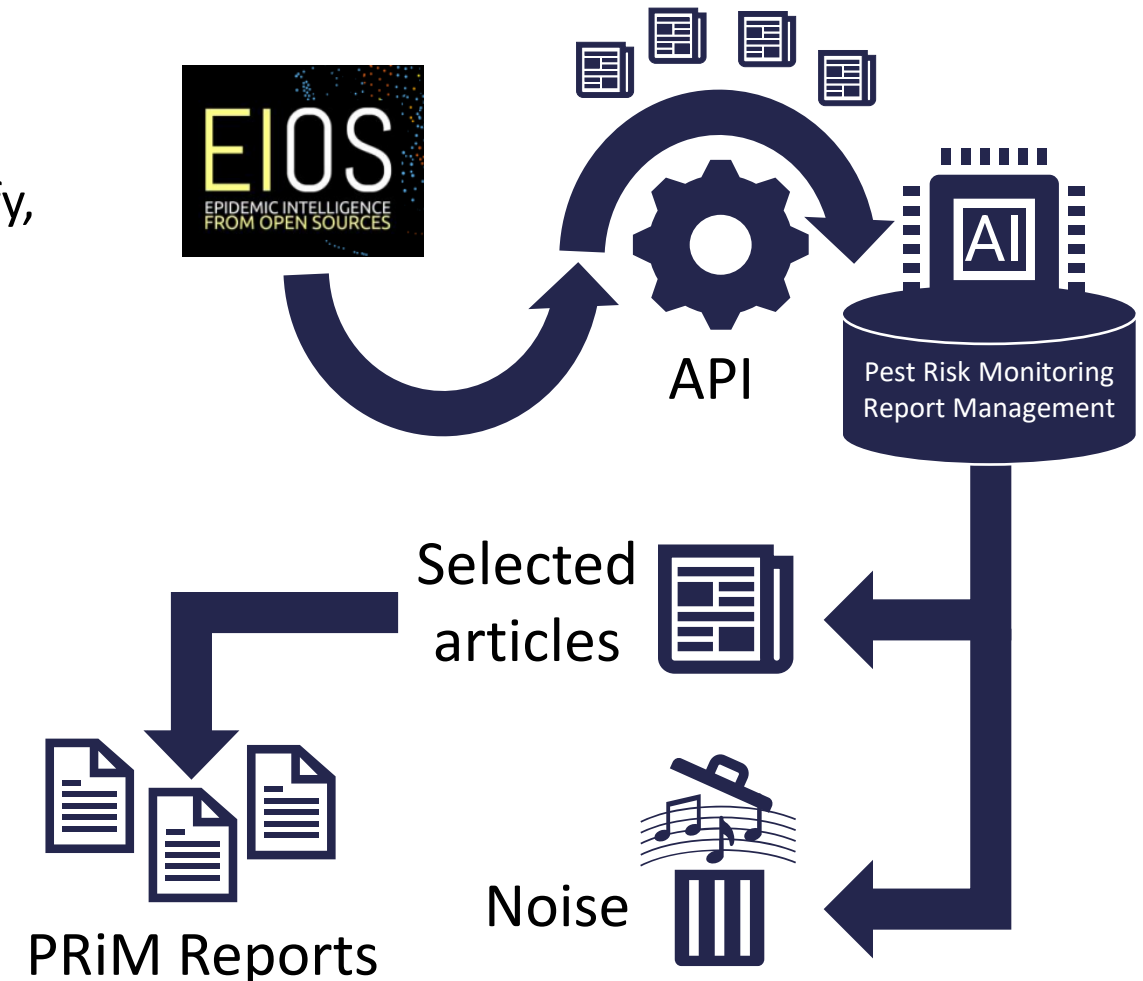
## EIOS Vision:

A world where **health threats** are identified and responded to so early and rapidly that they have **zero impact** on lives and livelihoods



## How does CABI use EIOS?

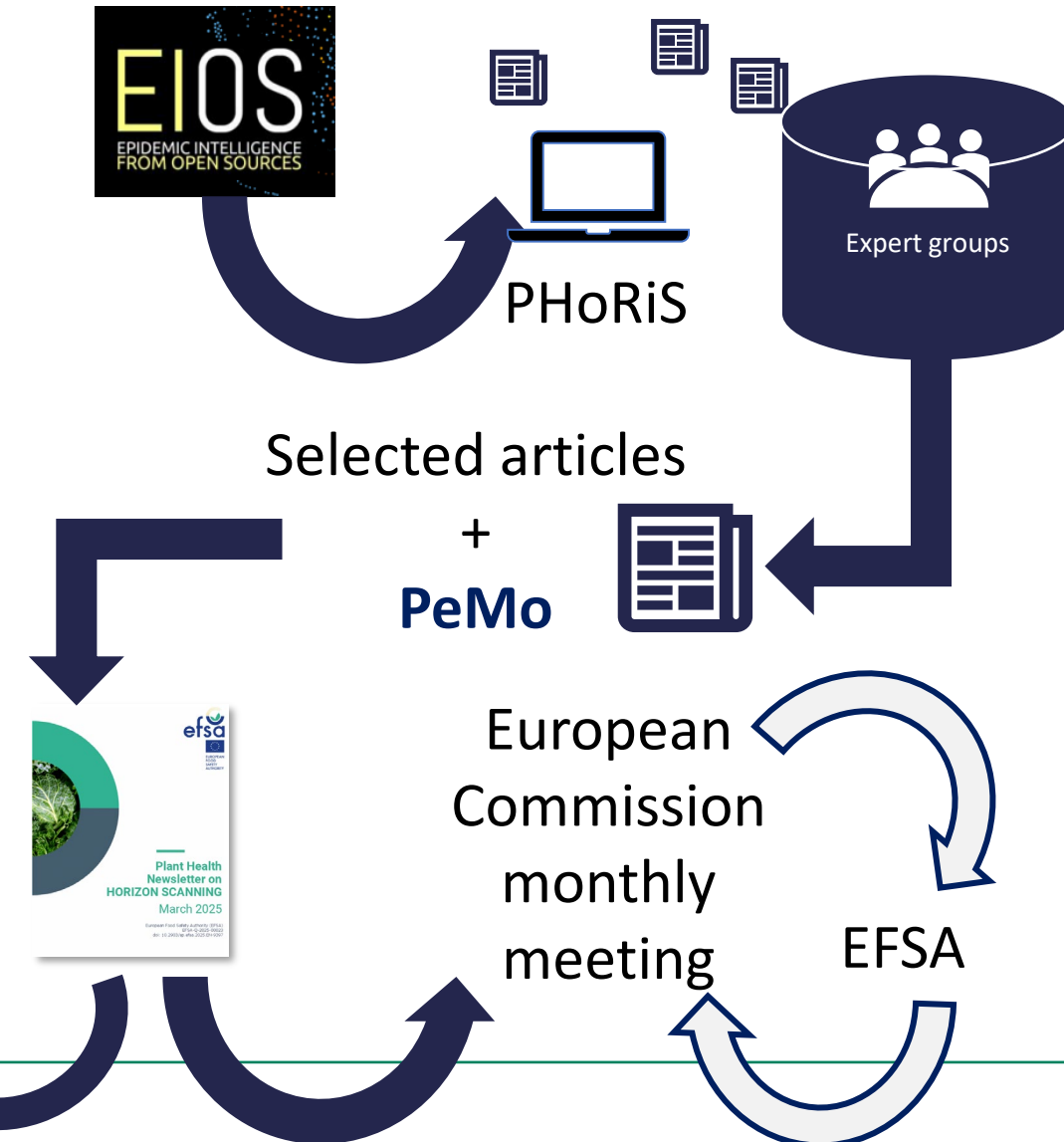
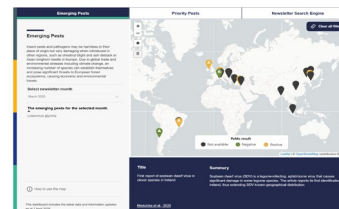
- Under the **PlantwisePlus** programme
- We work with NPPOs to **strengthen capacity** to identify, prioritise and manage pest risk
- Aim to **prevent arrival** of new pests and diseases
- **Pest Risk Monitoring (PRiM) Reports** developed to identify changes in pest risk
- In context:
  - NPPO **working groups** meet regularly
  - Review the PRiM reports for **changing risks**
  - Update **Pest Risk Register**
  - Take appropriate **action** to mitigate risks



## How does EFSA use EIOS?

- Since 2017 (using Medisys before)
- Scope: enhance **preparedness and rapid response** by EU decision makers
- Method: **EIOS** webscraping
- Rapid risk screening (**PeMo**) for non-regulated pests
- Outputs:
  - Monthly **newsletter** – emerging risks of phytosanitary concern
  - Interactive **dashboard** – available for wider audience

<https://www.efsa.europa.eu/en/powerbi/plant-health-horizon-scanning-dashboard>



## EIOS Plant Health Community

### In numbers:

- 3024 sources
- 4866 categories
- 30 members
- 9 national institutions
- 3 international institutions

### What's involved?

- Community guidelines
- One meeting per month:
  - Sources & Categories
  - Methods & Features



### • Role of CABI & EFSA

- Onboarding of new members
- Support with specific requests
- E.g. POARS watch list

### • Purpose

- Bring organizations together
- Promote collaboration
- Share subject knowledge and learning
- Limit duplication of effort
- Support global food security

## Looking forward

- Grow the first **EIOS community** on plant health
- **Contribute** to future EIOS developments
- Identify opportunities to **collaborate** with other communities towards **OneHealth** approach
- **Strengthen** risk-based approaches
- Improve **pest preparedness** globally
- Keep providing **support** locally (to NPPOs, RPPOs and other regional groups)





# Thank you

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