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6th EPPO Workshop for Heads of Plant Pest Diagnostic Laboratories
Saku (EE), 2025-03-06/07

# Current Situation of EAB in Ukraine – Addressing the Growing Threat of Non-Native Pests

Marta Kostetska

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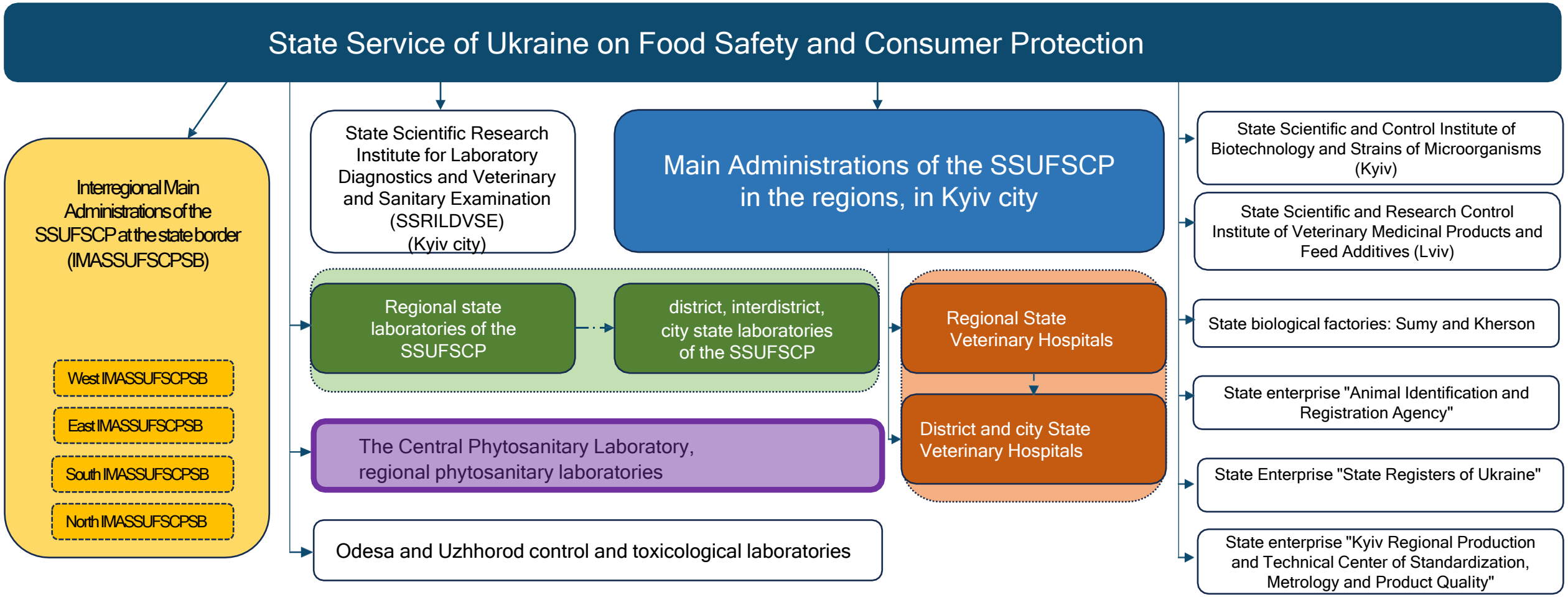
State Service of Ukraine on Food Safety and Consumer Protection



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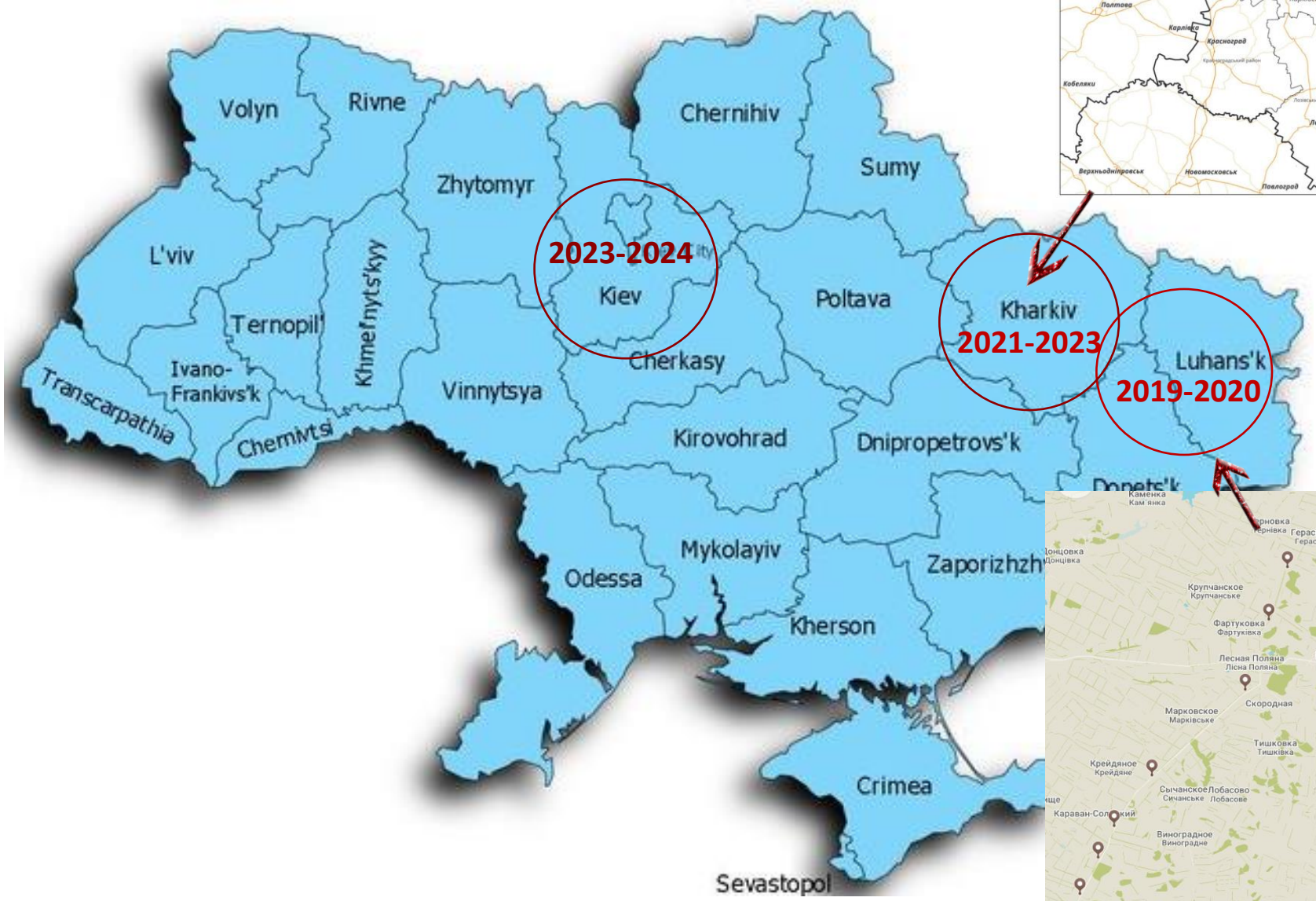
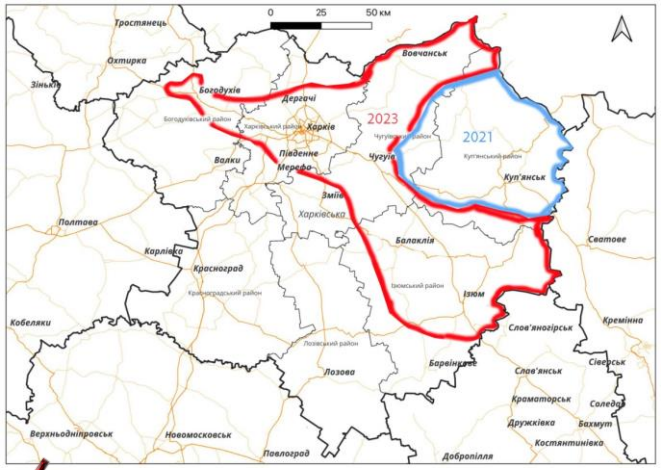
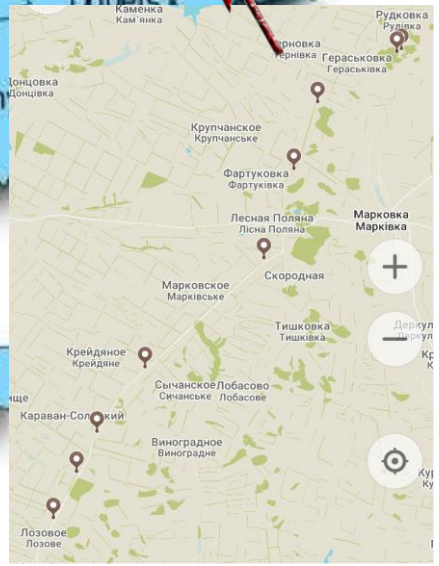
# Current EAB spread in Ukraine



https://uriffm.org.ua/uk/news/465

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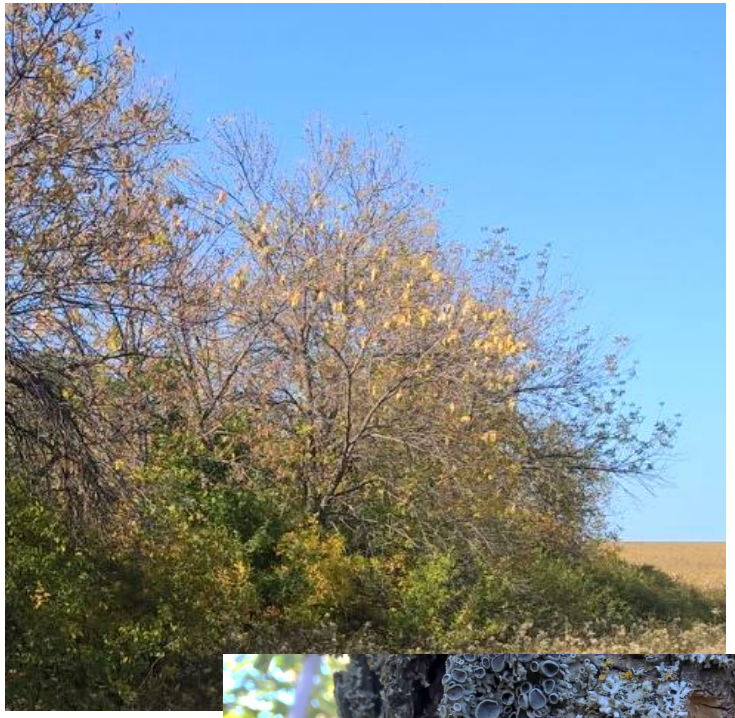
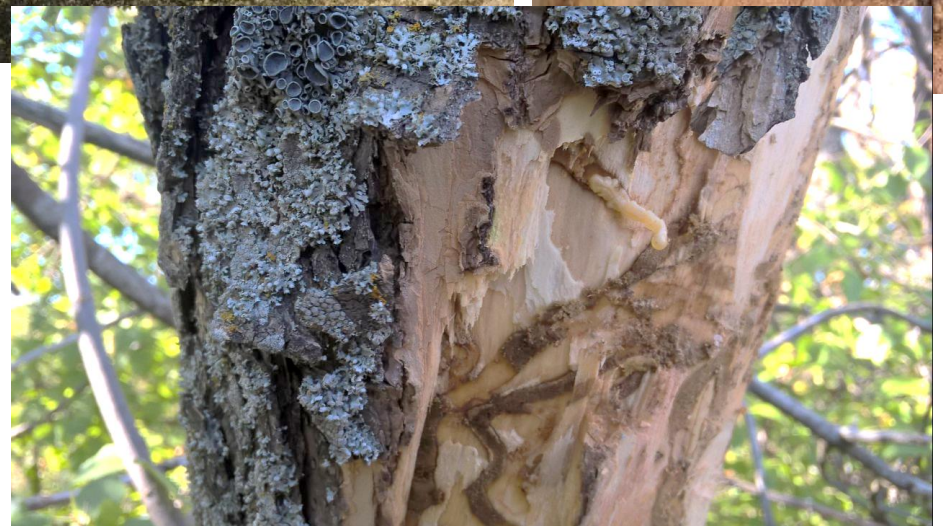
# Photo documentation from NPPO, 2019





Photos credit by Central Phytosanitary Laboratory to Iryna Matsiakh, 2019

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# Photo documentation from NPPO, 2020

https://dpss.gov.ua/fitosanitariya-kontrol-u-sferi-nasinnictva-ta-rozsadnictva/uvaga-vuzkozlatka-yaseneva-smaragdova-agrilus-planipennis-fairmaire

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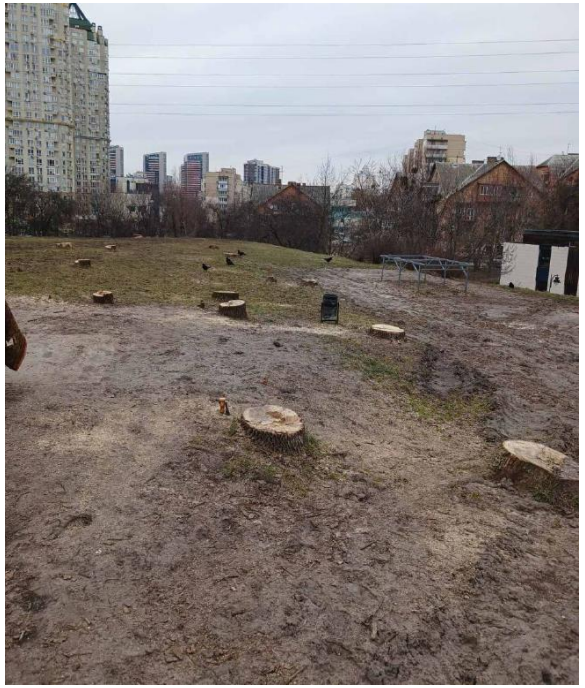
# Photo documentation from NPPO, 2023 Kyiv

**2023**



Trees removing in Kyiv, 2023

Newly planted maple trees, 2024

https://dpss.gov.ua/fitosanitariya-kontrol-u-sferi-nasinnictva-ta-rozsadnictva/uvaga-vuzkozlatka-yaseneva-smaragdova-agrilus-planipennis-fairmaire

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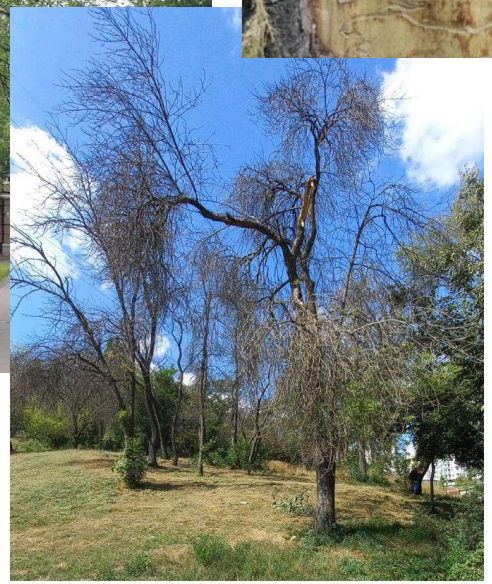
# Photo documentation from NPPO, 2024 Kyiv

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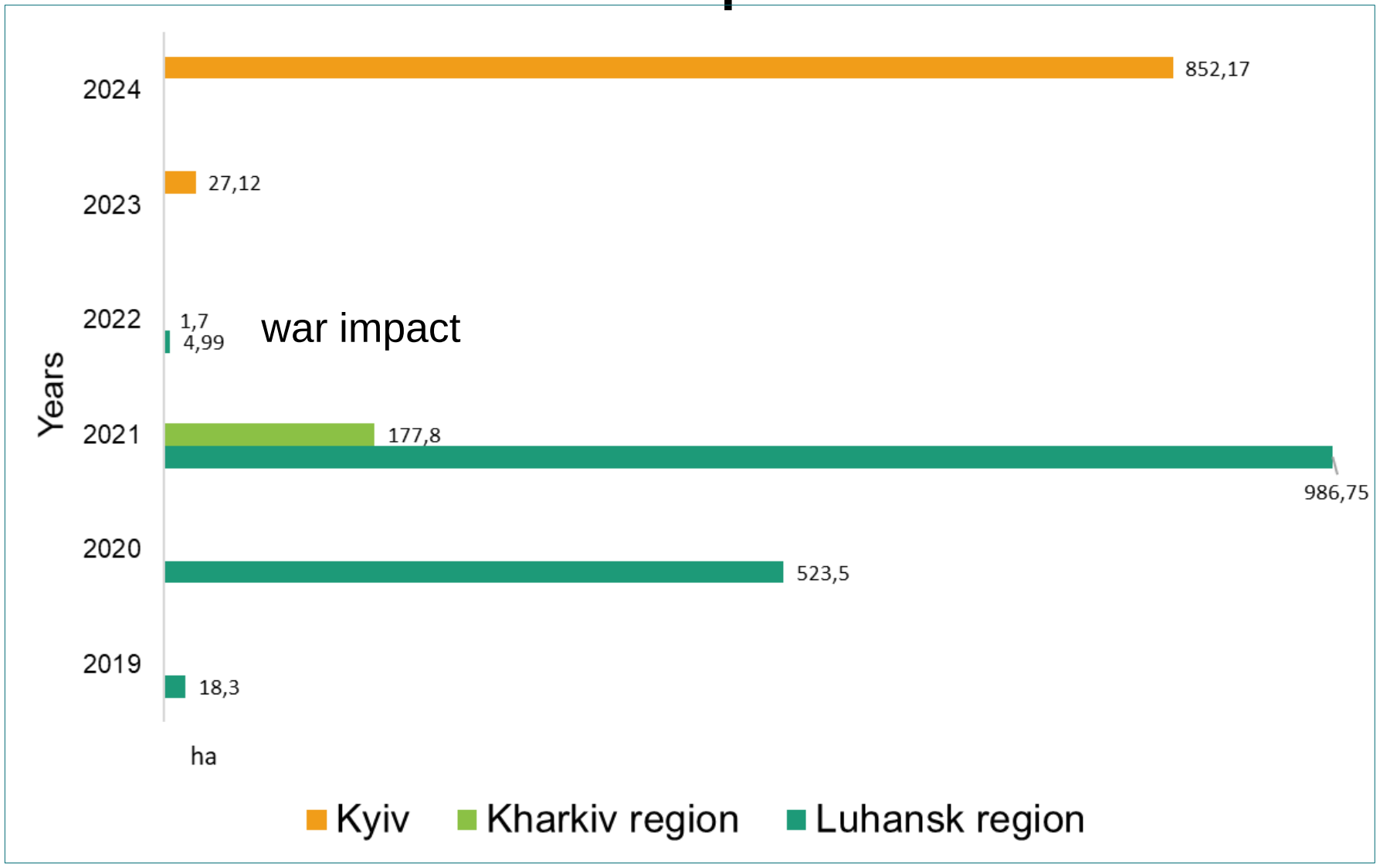
# Areas under quarantine

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# Phytosanitary monitoring data in Lviv region

| Date | Number of traps, pcs. | Monitoring area, ha | EAB detection | Identified insect species |
|---|---|---|---|---|
| 2019 | 10 | 132 | - | *Agriotes ustulatus, Chrysomela violacea, Ectobius sylvestris, Nicrophorus vespilloides, Oberea oculata, Phyllobius piri, Cantharis nigricans* |
| 2020 | 20 | 386,9 | - | |
| 2021 | 30 | 558,6 | - | |
| 2022 | 46 | 1018,9 | - | |
| 2023 | 40 | 698 | - | |
| 2024 | 40 | 254 | - | |

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# Thank you very much for your attention!


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Swedish Institute

# EABRACE

## Emerald Ash Borer invasion: exploring spread patterns and beetle biodiversity dynamics for strategic conservation measures

Iryna Matsiakh

# Importance of EABRACE project

**Current ongoing situation in Ukraine**

- Since the onset of the war in February 2022 - **no surveys**, eradication activities or implement control measures in Luhansk, Kharkiv, and Donetsk regions due to hostilities, occupation, and mine hazards;
- To date, EAB has expanded its range by more than **600 kilometers** from its initial point of detection;
- Since April 2023 – **a ban to plant *Fraxinus pennsylvanica*** in Ukraine;

**Challenges and efforts**

- Already existed initiated **national and international cooperation**;
- **Current monitoring** - use of sticky green traps, training personnel from other parts of the country, and involving quarantine inspectors and forest protection units;
- **Lack** of financial and professional resources and personnel, **limited** trapping system, **bureaucracy**, and **poor communication** between authorities.

# Importance of EABRACE project

**Baltic neighbouring countries collaboration**

- **Collaborative work along the EU border**: Involvement of Ukraine, Poland, Latvia, Lithuania, and Sweden;
- Establishing a **structured cross-border monitoring program**: Addressing the current lack of an organized and coordinated initiative;
- **Engaging local NPPOs**: Enhancing expertise, strengthening collaboration, and improving cross-border communication.

**Research opportunity**

- **Assessing xylobiont insects biodiversity dynamics** before and during EAB invasion (no research done so far in Baltic countries and Ukraine);
- **Monitoring the spread of *A. planipennis* to the EU border**

**Used methods efficiency**

- Are sticky traps efficient enough (**economical and efficacy values**)?
- What alternatives? How much experience do we have in trapping and beetles identification, including quarantine species?
- Can we **increase trapping capacity of EAB and other Buprestids** over known lures and how?

# EABRACE partners

- **Project partners**:
- Sweden - project leader, SLU (Iryna Matsiakh)
- Ukraine – NLTU (Volodymyr Kramarets)
- Poland – UAK (Magdalena Kacprzyk);
- Lithuania – LAMMC, Diana Marčiulynienė;
- Latvia - State Plant Protection Service (Gunita Bokuma)

**Partners and stakeholders are already or to be engaged:**
Swedish Board of Agriculture, Swedish Forest Agency;
State Plant Service under the Ministry of Agriculture (Lithuania);
State Plant Health and Seed Inspection Servis and State Forests National Forest Holding (Poland);
State institution "Lviv Regional Phytosanitary Laboratory“;
SI "Central Phytosanitary Laboratory" (Kyiv);
SFE “Forests of Ukraine”

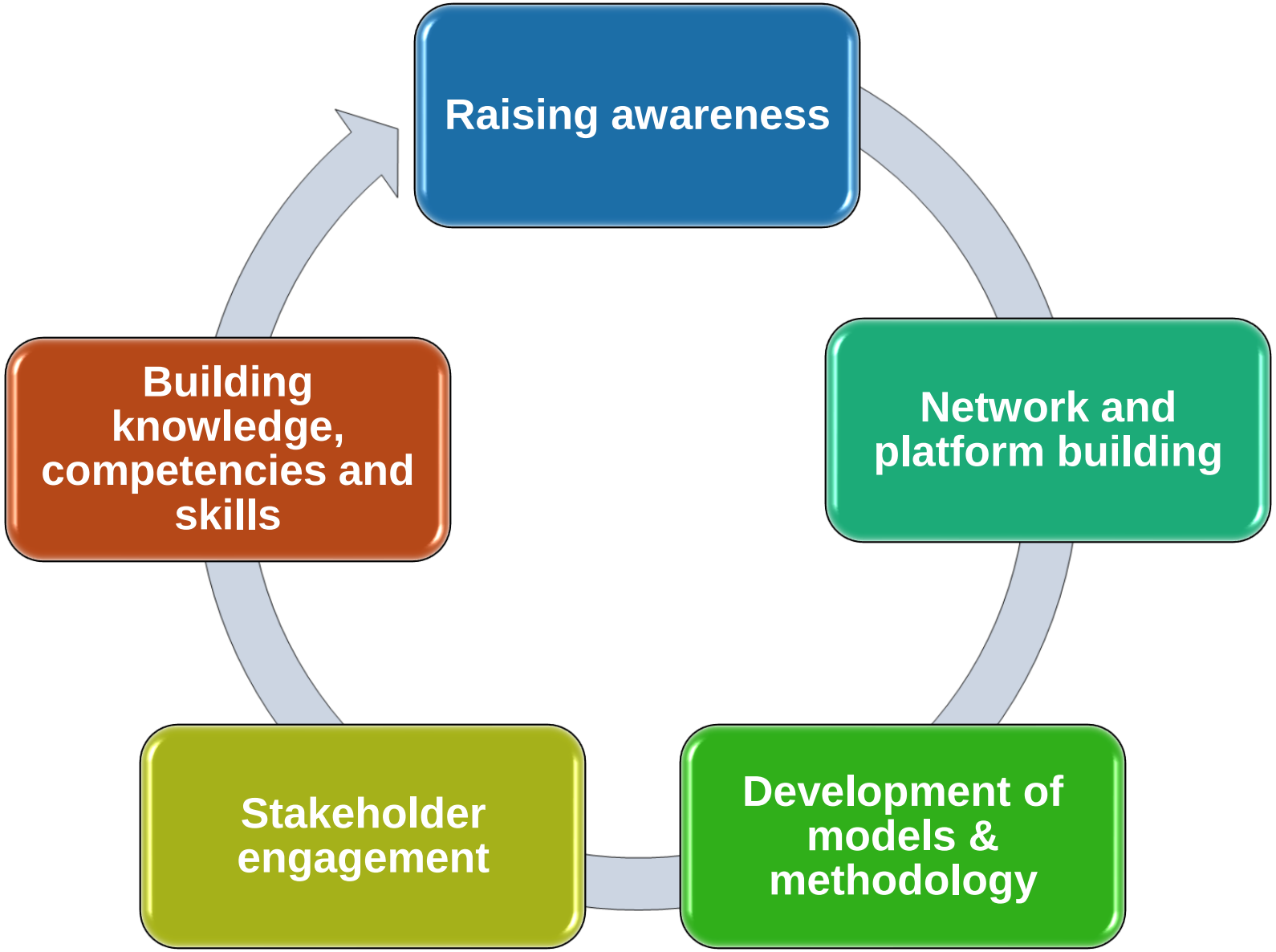
**External experts:** James Connell (Katam, xylobiont entomologist, project design); Yanytskyi Taras (Buprestids entomologist, UA); Assoc. Prof. Dr. Artūras Gedminas (LAMMC); Donnie Peterson (Buprestids entomologist, SLU); Bjorn Bohman (SLU, Chemical Ecology department to create artificial EAB lures to be tested in each country)

# About EABRACE

2025 - 2026


## TRAPS witasek® multifunnel

# EABRACE expected outputs



# Thank you very much for your attention!