WHO Health Emergencies Programme

Dr. Oliver Morgan

World Health Organization

HEALTH EMERGENCIES programme

Context

69th World Health Assembly – May 2016

WHO Health Emergencies (WHE) Programme Created

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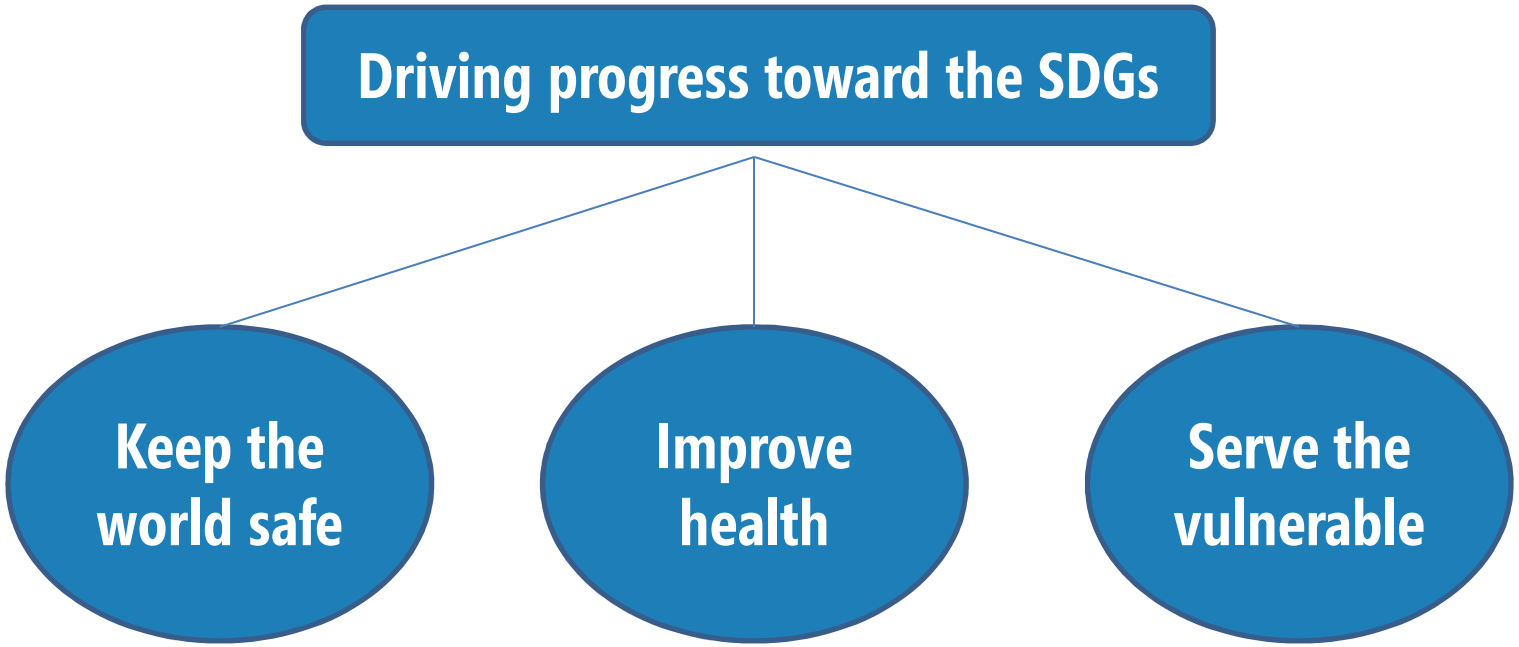
WHO's strategic priorities



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WHE's conceptual framework

Early warning, risk assessment, and emergency response

Prevention and control strategies for high-threat infectious hazards

All-hazards preparedness, IHR assessment and core capacities strengthening

Health systems strengthening in high-vulnerability countries

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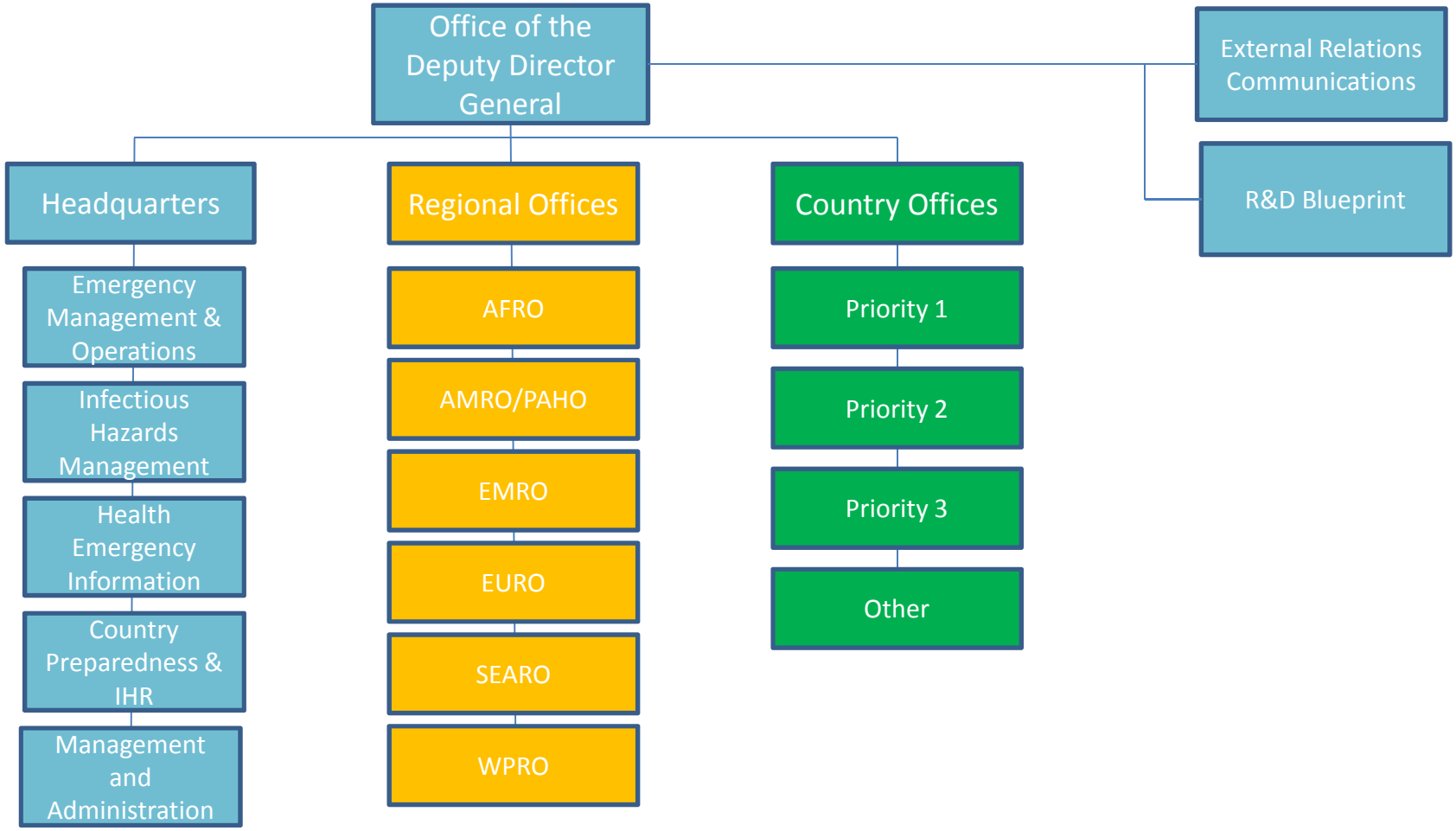
How is WHE Structured



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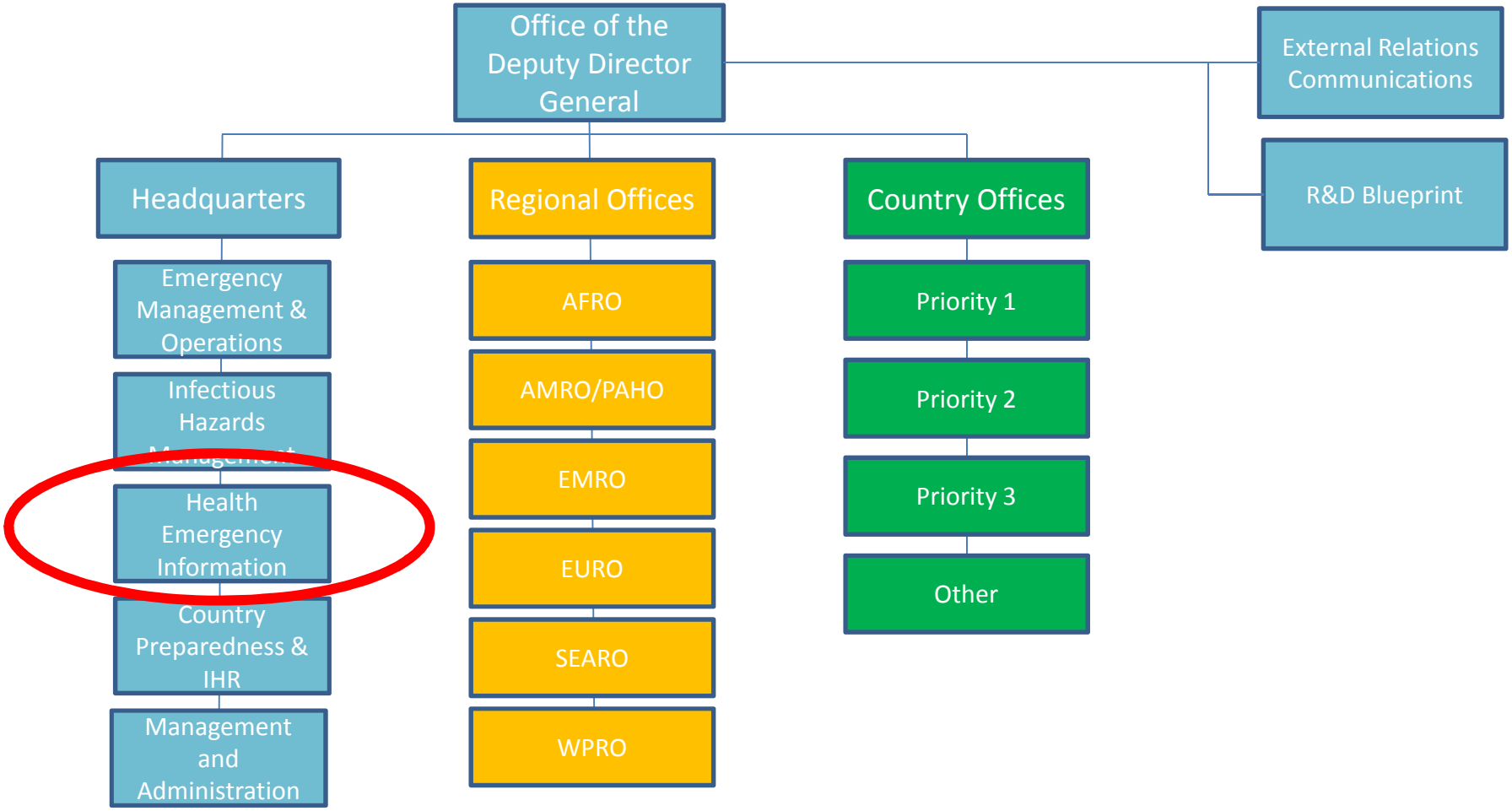
How is WHE Structured



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Health Emergency Information and Risk Assessment

Detection

Event-based surveillance
Routine surveillance
Partner networks

Verification

Ministries of Health
WHO Country Offices
Partners
Field Teams

Risk Assessment

Internal WHO Process

Investigate/ Respond

Field investigations
Response Monitoring

Reporting

IHR reporting
Disease Outbreak News
WHO Senior Leadership
Partners

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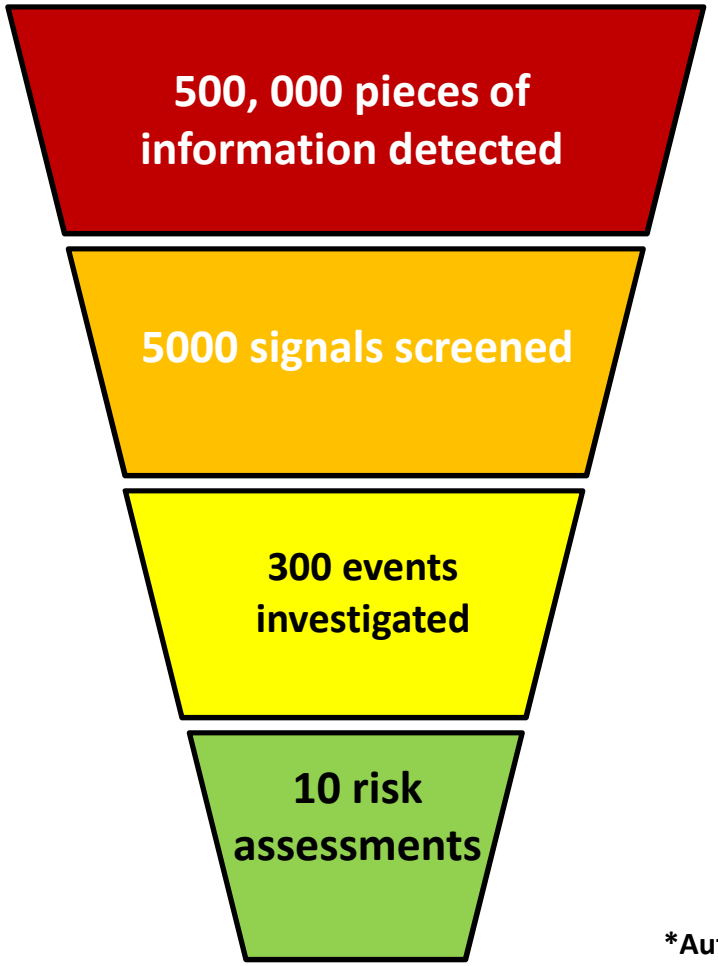
WHO Event Detection each Month



Filter*

Verify

Risk Assess

*Automated deduplication and filtering of keywords as well as manual screening and triaging of information

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Platforms used by WHE

- **Event monitoring** —Emergency Dashboard
- **Event documentation** —EMS
- **Response management** —VSHOC
- **Event detection** —EIOS
- **Field data collection** —EWARS, HeRAMS, GoData
- **Reporting** —Disease Outbreak News

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Event Monitoring and Documentation

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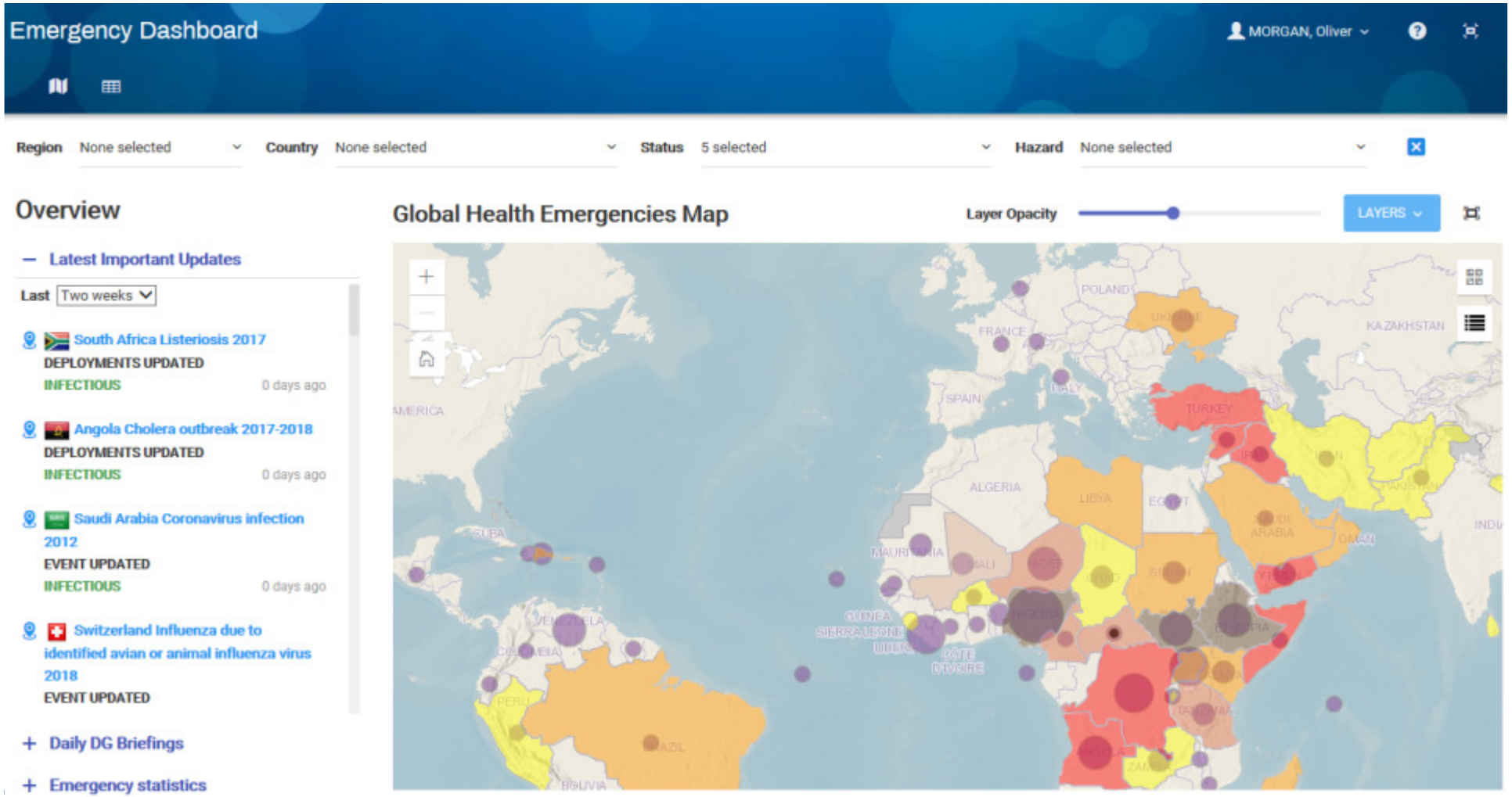
Emergency Dashboard



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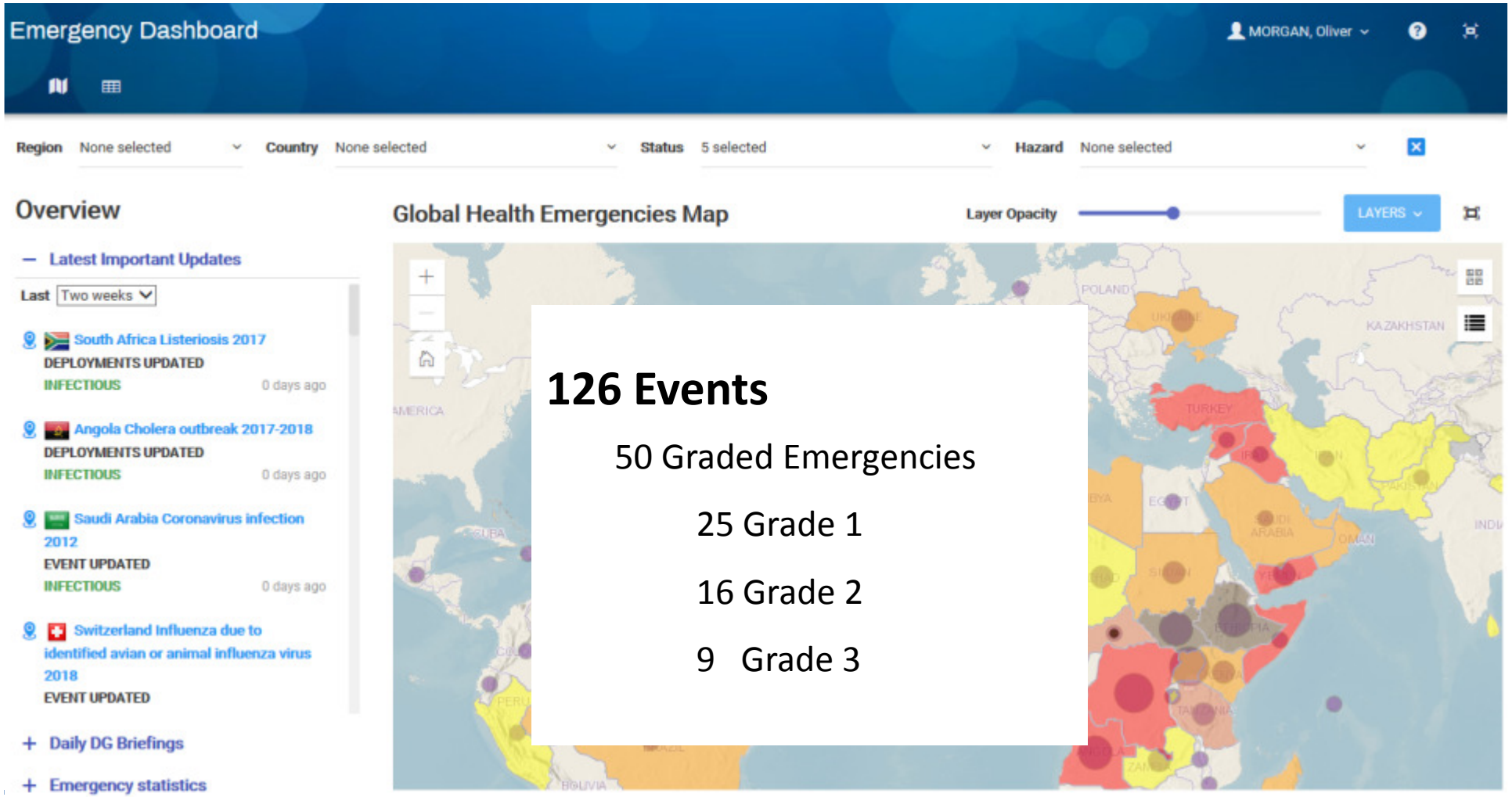

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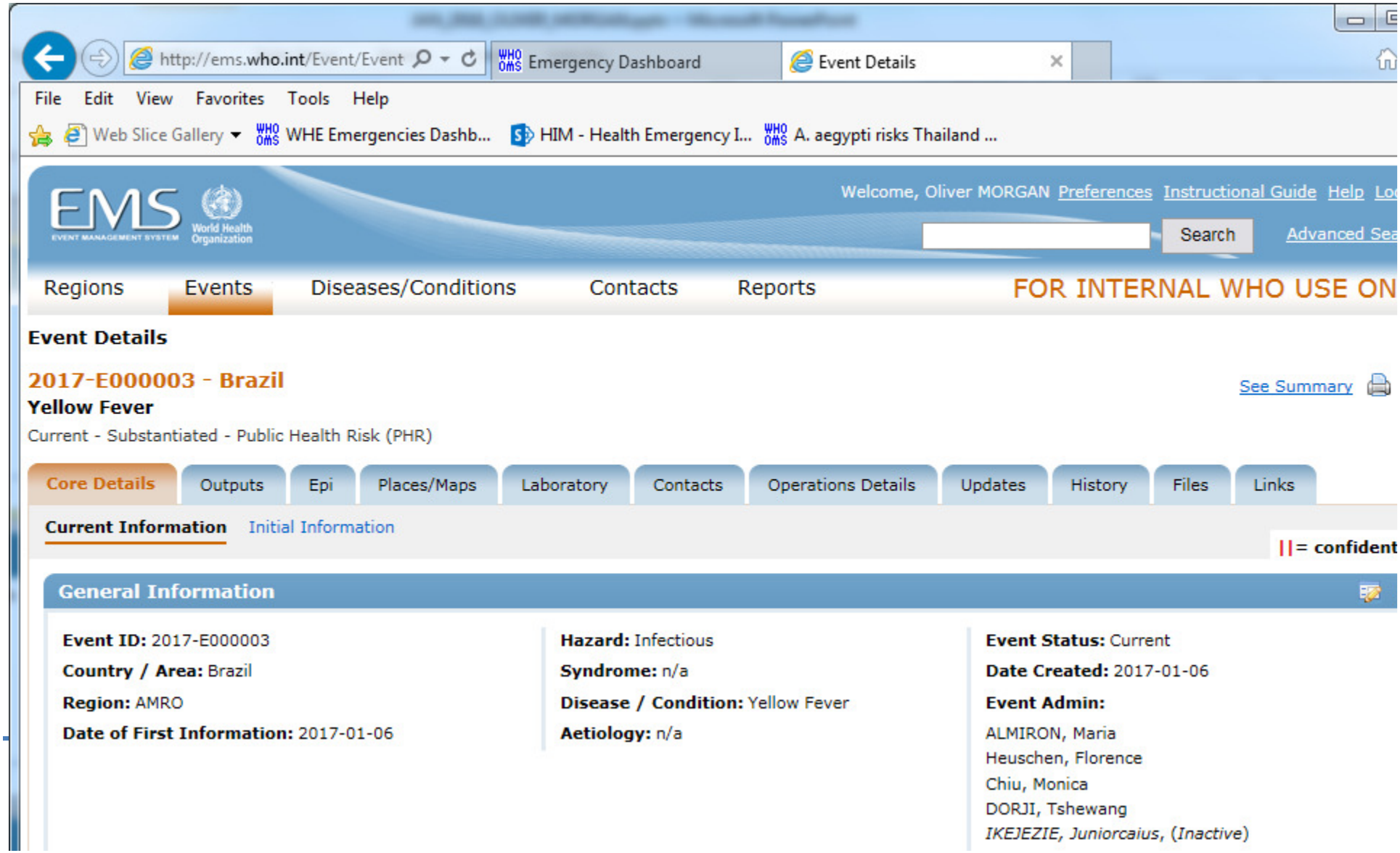
Event Management System



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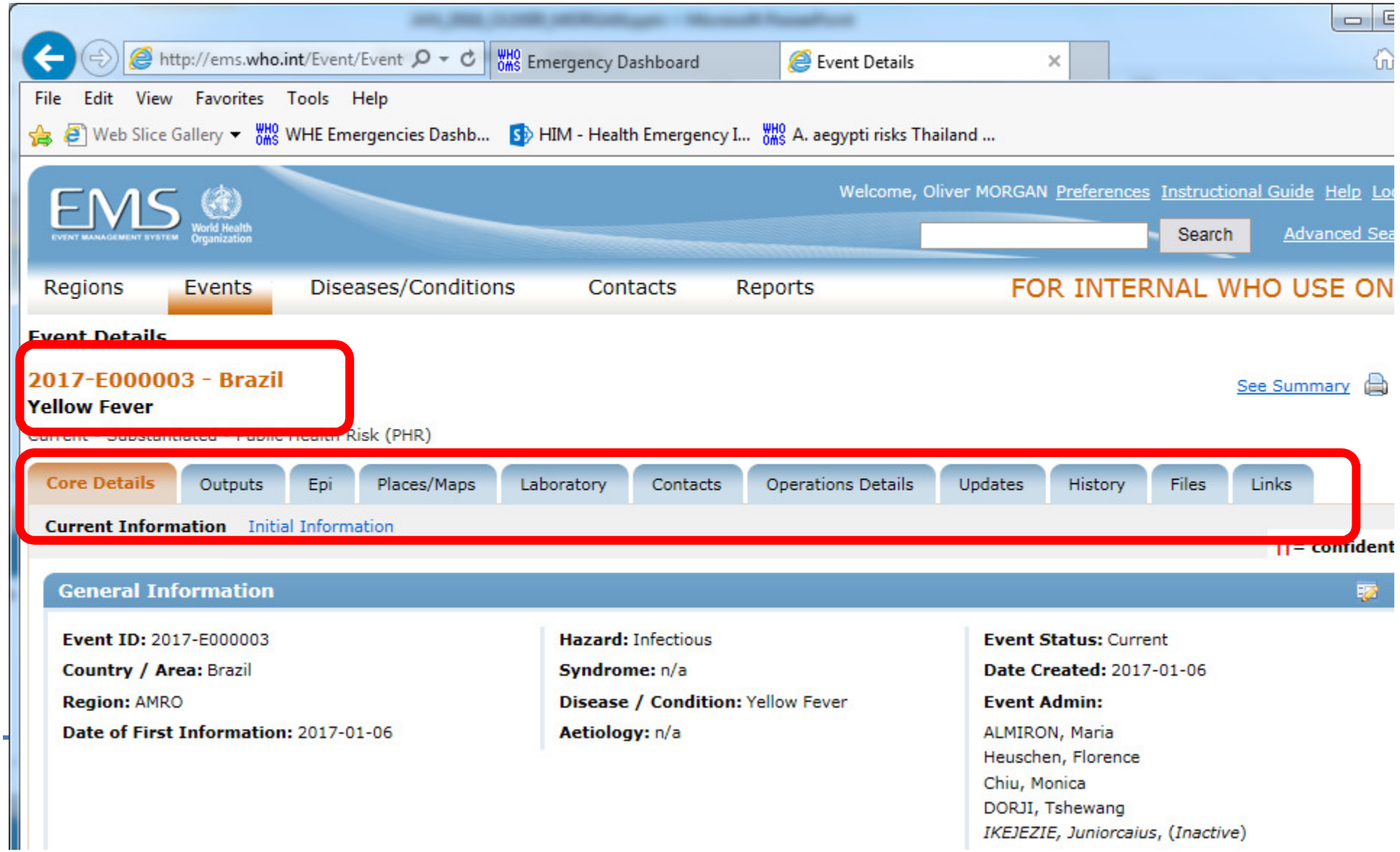
Event Management System



Event Detection

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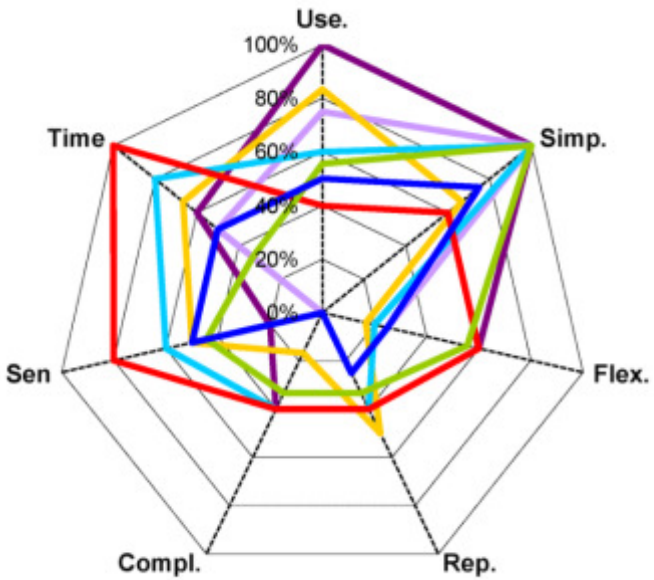
Event Detection – EIOS Initiative

Epidemic intelligence from Open Sources

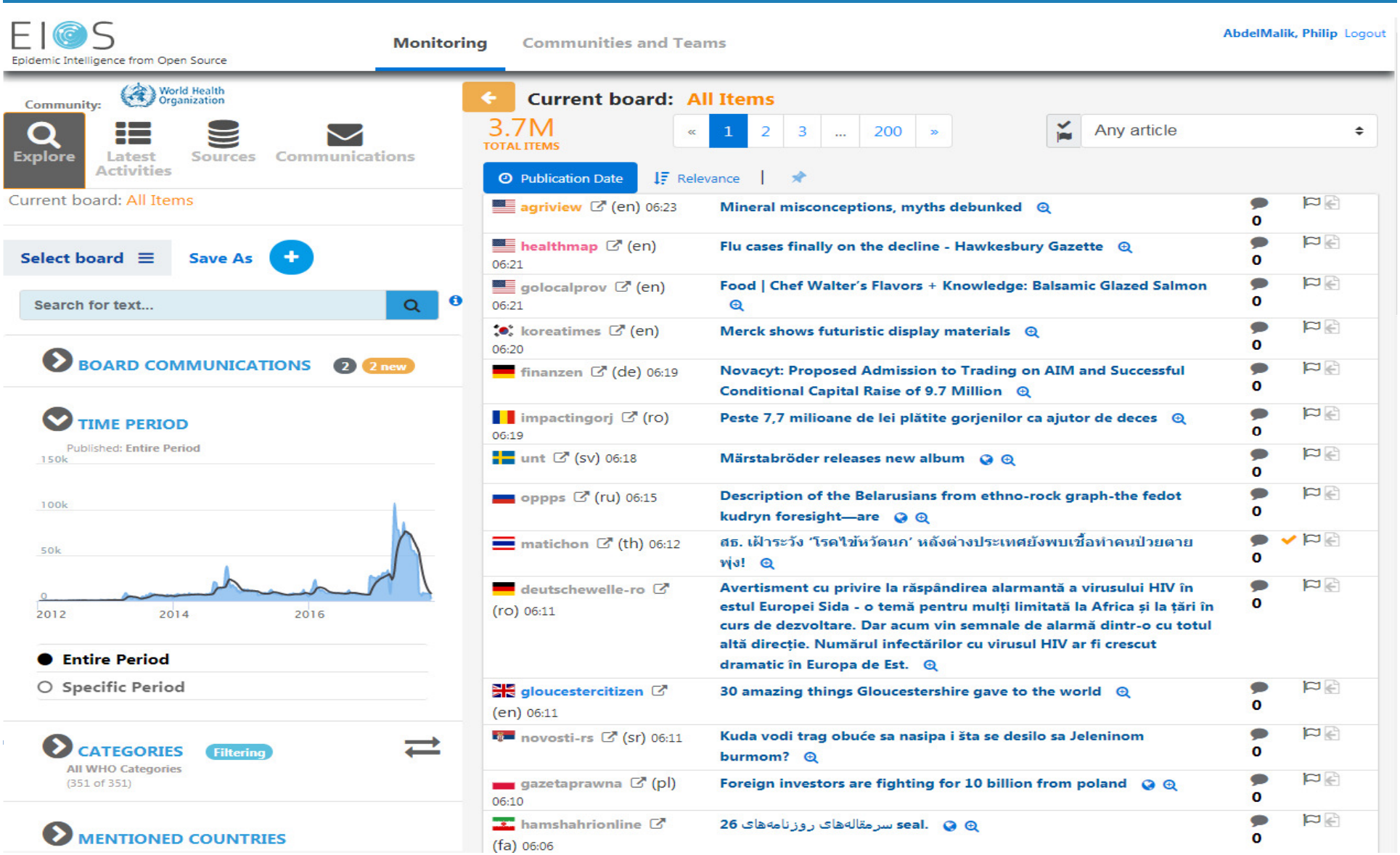
- Promote event-based surveillance
- Strengthen global/national capacities
- Enable exchange of expertise, pooling of resources



PLoS ONE8(3): e57252. https://doi.org/10.1371/journal.pone.0057252

EIOS Platform

06 March 2018



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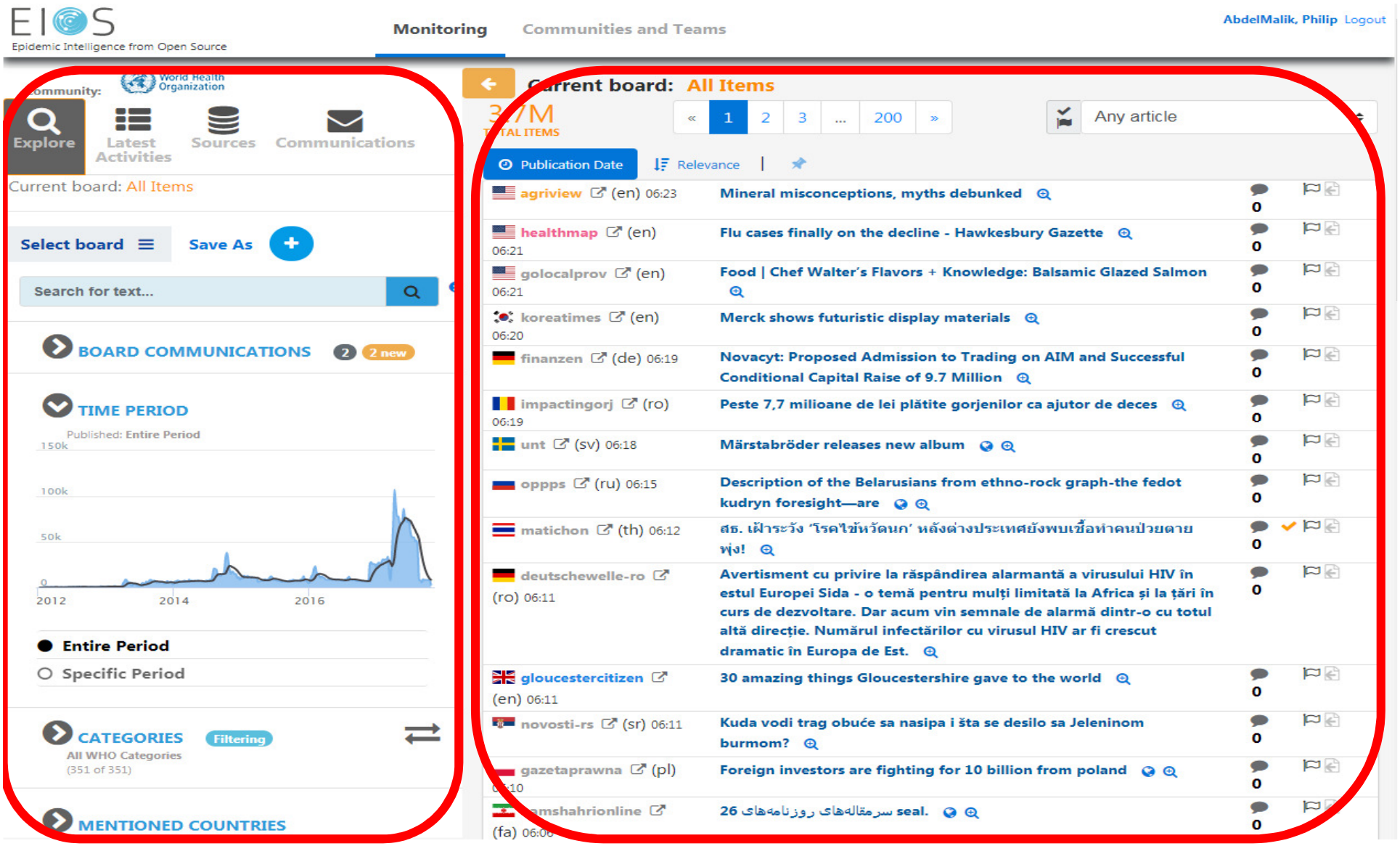
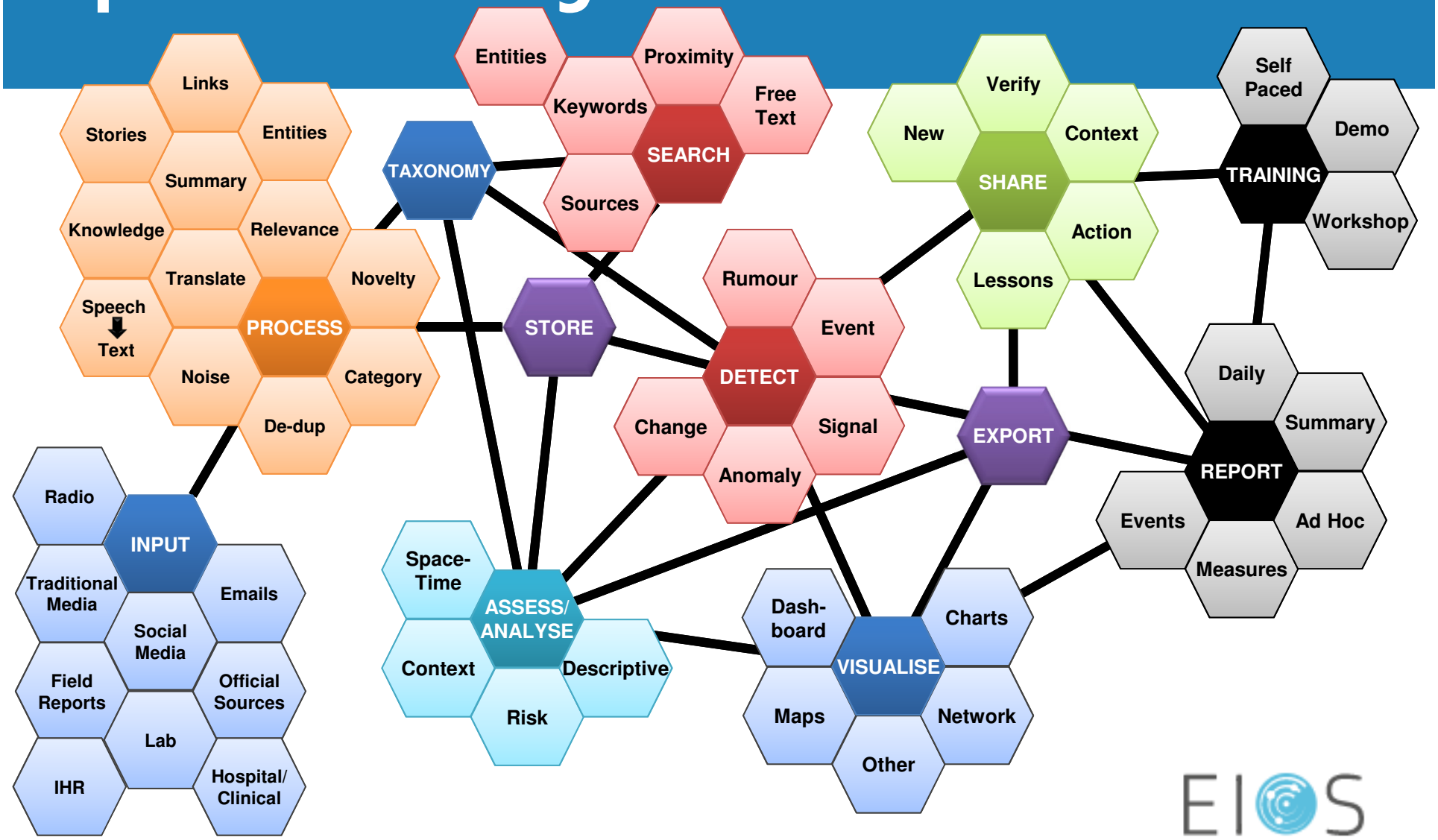


Epidemic Intelligence Collaboration



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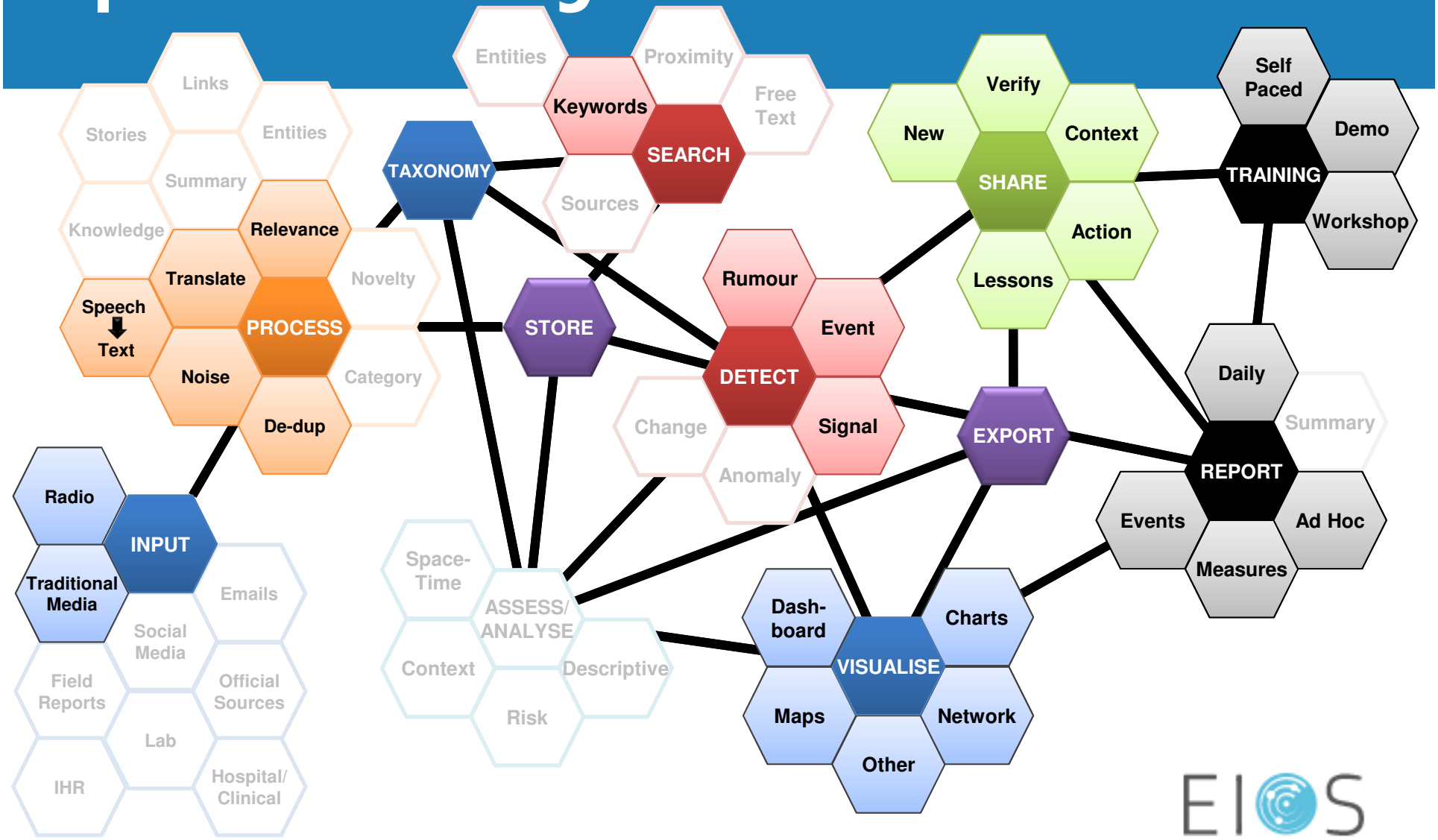

EIOS

Field Data Collection

Photo: WHO/Lorenzo Pezzoli

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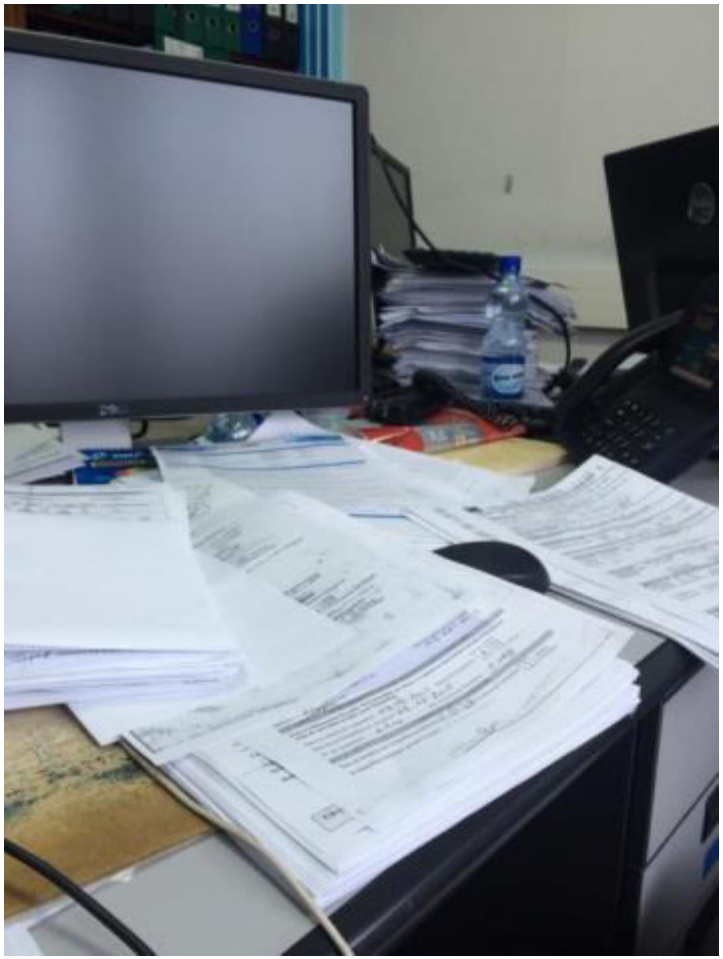
Data Management in the Field



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Early Warning, Alert and Response in Emergencies (EWARS)

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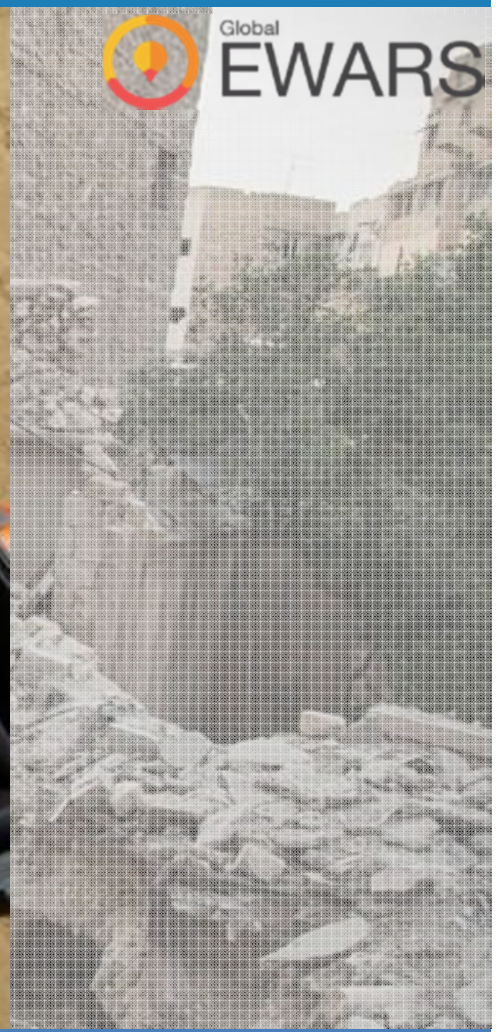

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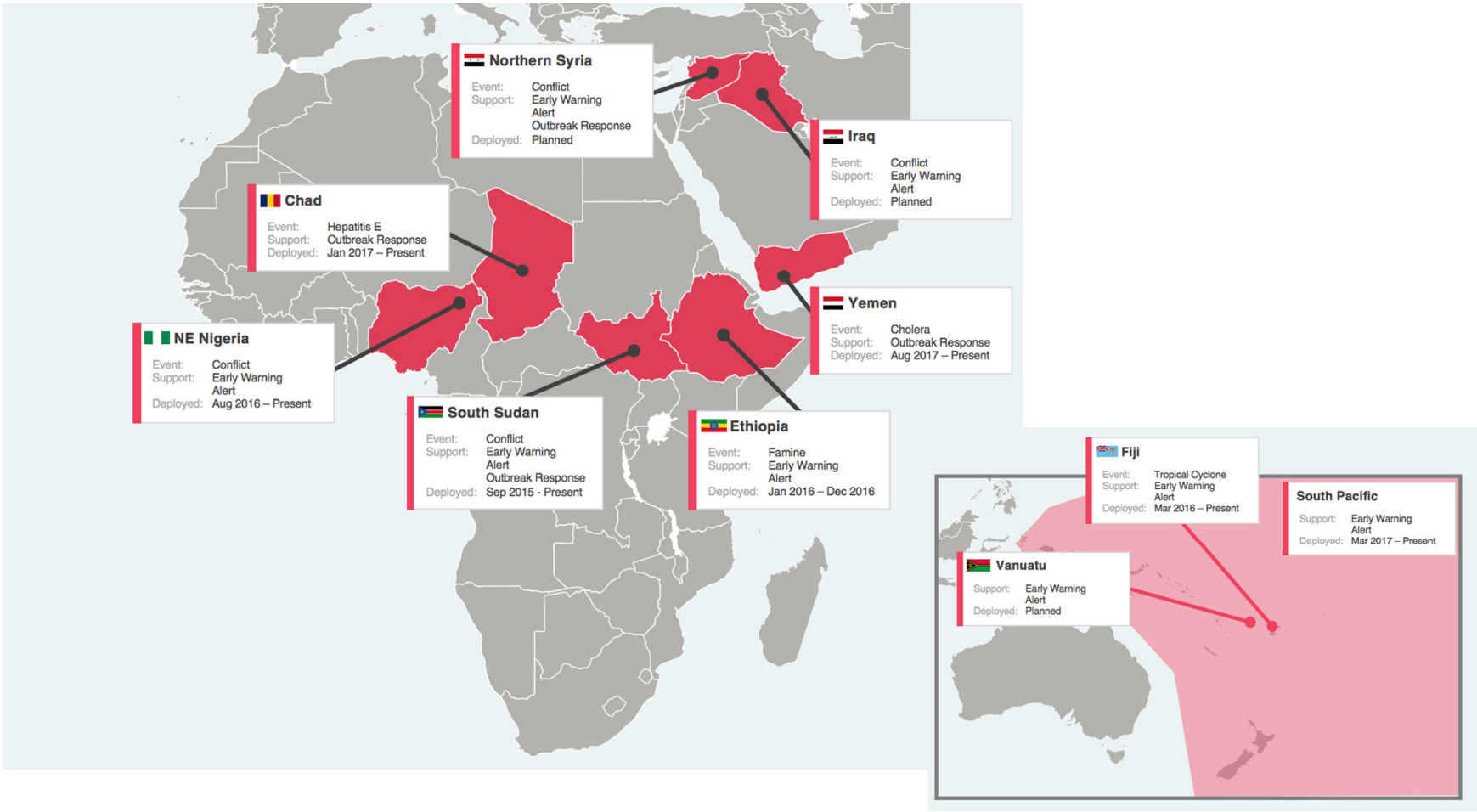
EWARS Implementation



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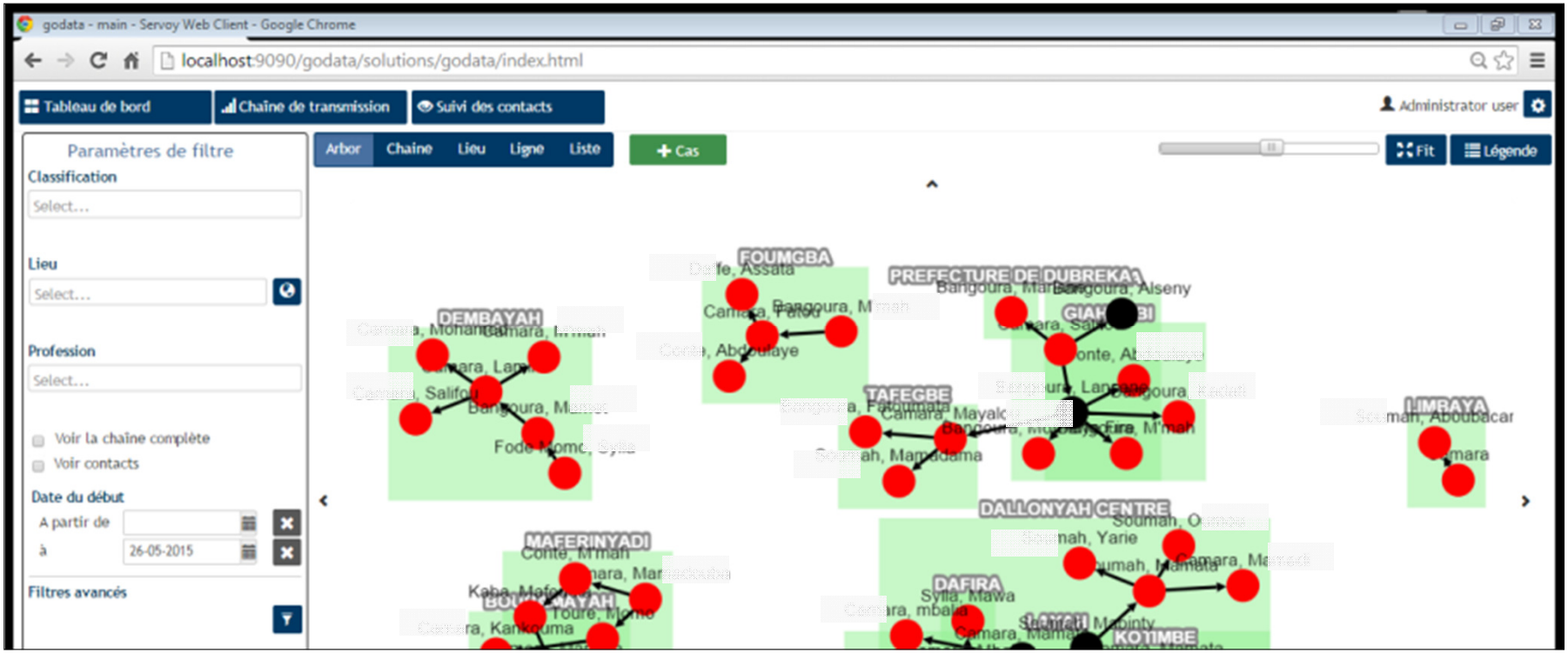
Go.Data

Find Cases

Identify their Contacts

Follow the Contacts Regularly

Treat cases in a timely manner



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GOARN Global Outbreak Alert and Response Network

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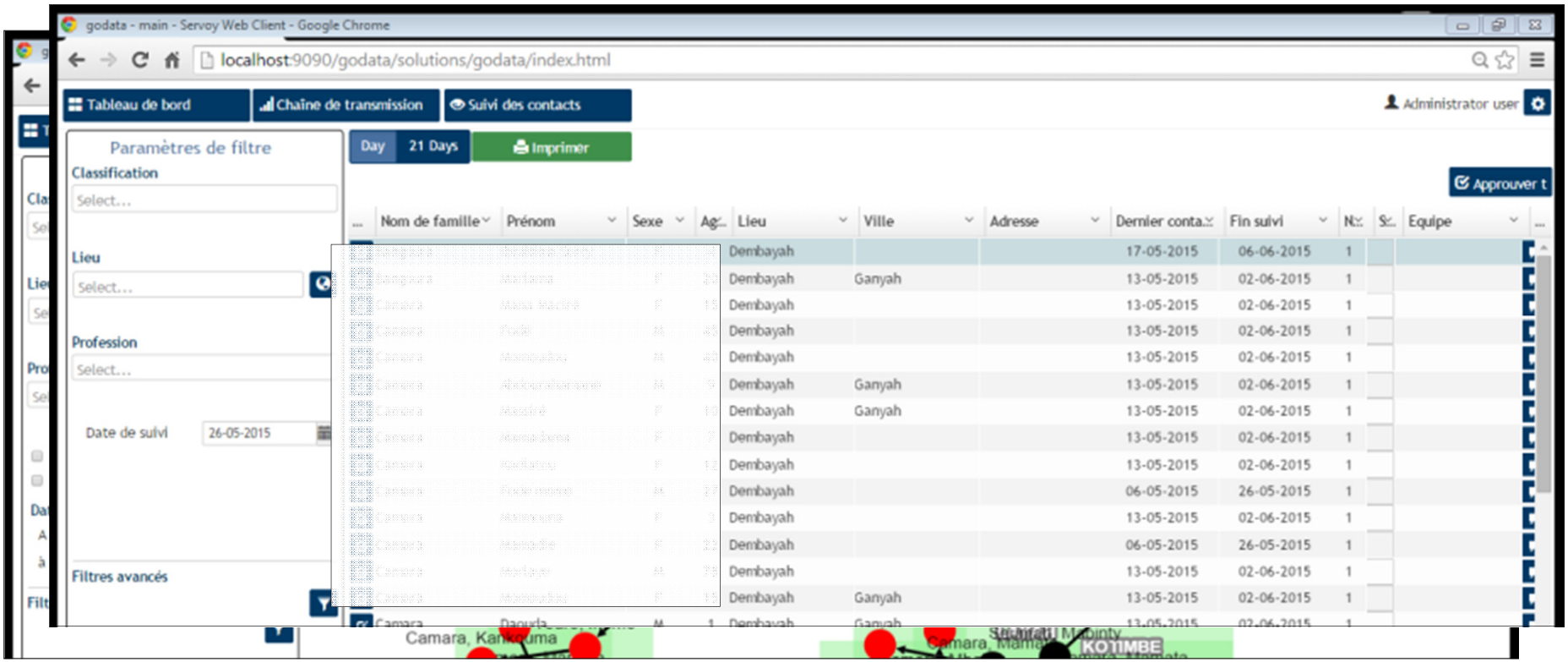

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GOARN
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Summary

Photo: WHO/Lorenzo Pezzoli

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Where are we Going Next?

- Prioritize EIOS and Go.Data
- Incremental investments to strengthen and integrate other systems
- Leverage data platforms for performance improvement
- Drive information dissemination
  - Dashboard public view
  - Faster sharing of updates through social media
- Partnering for success

Photo: WHO/Lorenzo Pezzoli

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