ECDC Extranet | EPIS AMR-HAI — Epidemic Intelligence Information System Antimicrobial Resistance and Healthcare-Associated Infections

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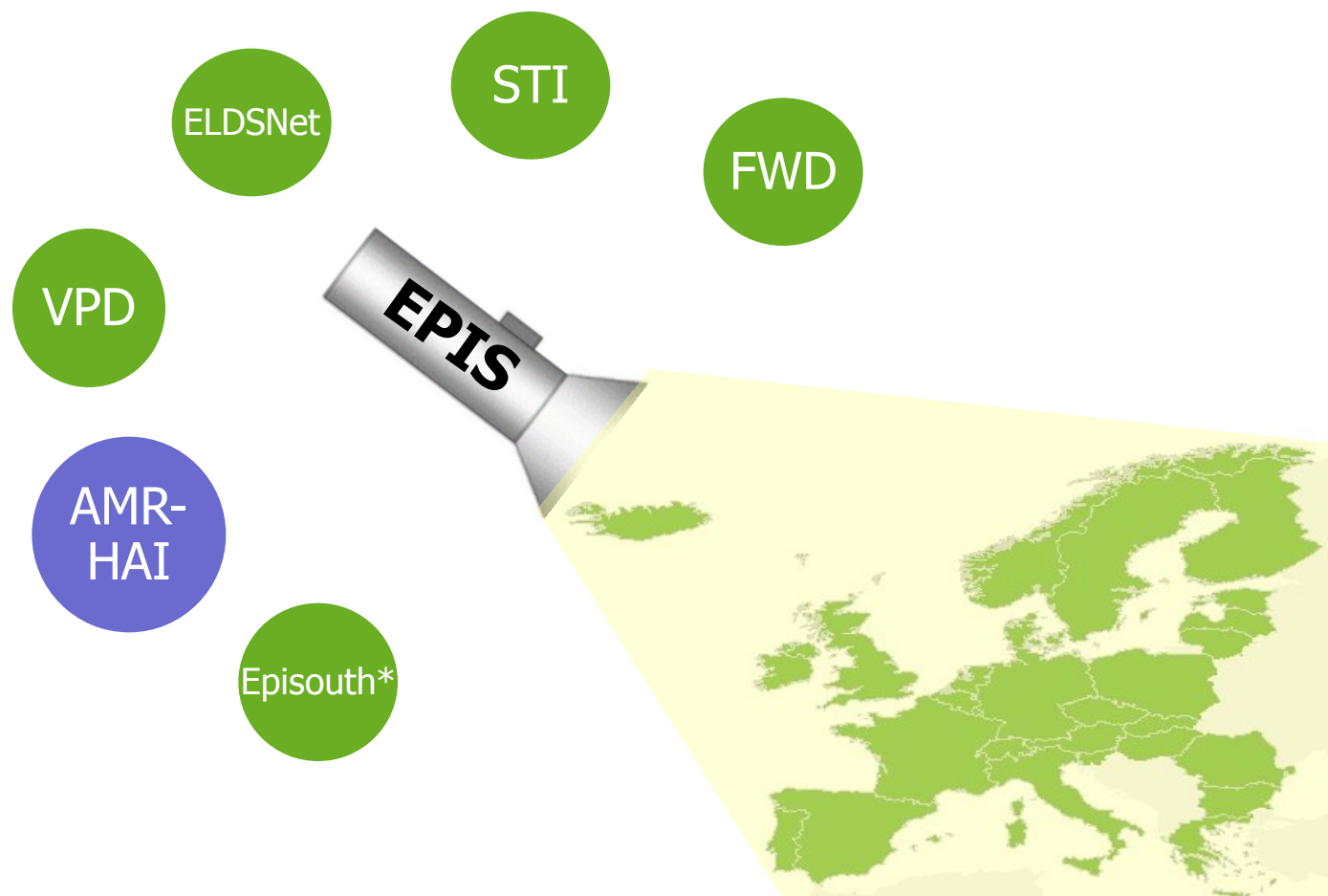
Warsaw, 24 November 2011

What is EPIS?

EPIS is a real-time web-based **communication platform** for rapid and secure expert information exchange related to potential public health events

- Access is restricted to nominated experts
- Participation is voluntary
- Hosted by ECDC
- Platform for exchange of un- and semi-structured information
- Neither redundant to TESSy nor to EWRS

Today we have different EPIS(es)...

EPIS is fully customized for each network ➡ Many different EPIS

How does EPIS compare to EWRS?

	EWRS	EPIS
Objective of the application	Formal notification at EU level of verified communicable disease related health threats with a potential risk for other MS	Informal exchange of disease specific technical information before confirmation on European level
Scope	Diseases under decision 2119/98/EC	All communicable diseases
Focus	Verified threats always requiring the implementation of measures	Unverified threats, requiring further investigation and assessment
Users	Public health official on policy level	Public health officials and disease specific experts on risk assessment level
Participation	Mandatory reporting	Voluntary participation

Specific objectives of EPIS AMR-HAI

- Platform to report clusters and outbreaks

- Facilitate discussions on the epidemiology and/or microbiology of events

- Facilitate technical discussions on diagnosis and management of events

- Facilitate risk assessments in EU MSs , EEA/EFTA countries

Who will have access to EPIS AMR-HAI?

Network users

- nominated by the Member States

- access rights to all urgent inquiries and public discussions

Network guests

- nominated by the Member States

- restricted access to urgent inquiry

ECDC users

- Can initiate and read urgent inquiry, post network announcements and read urgent inquiries and public discussions

ECDC guests (e.g. WHO)

- restricted access to urgent inquiry

Network architecture

Urgent inquiries - Potential health event at the European level, contains up-to-date detailed information about an AMR-HAI event

Discussion Forum – chat forum for public or private discussions which may or may not be associated to the Urgent Inquiry

Network announcements – used to post any announcements that are relevant to the AMR-HAI network

Network architecture - Urgent Inquiries

•Any network user can launch, reply to and view an UI

•Contains core information on event reported (subject matter, number of cases and pathogens involved etc.)

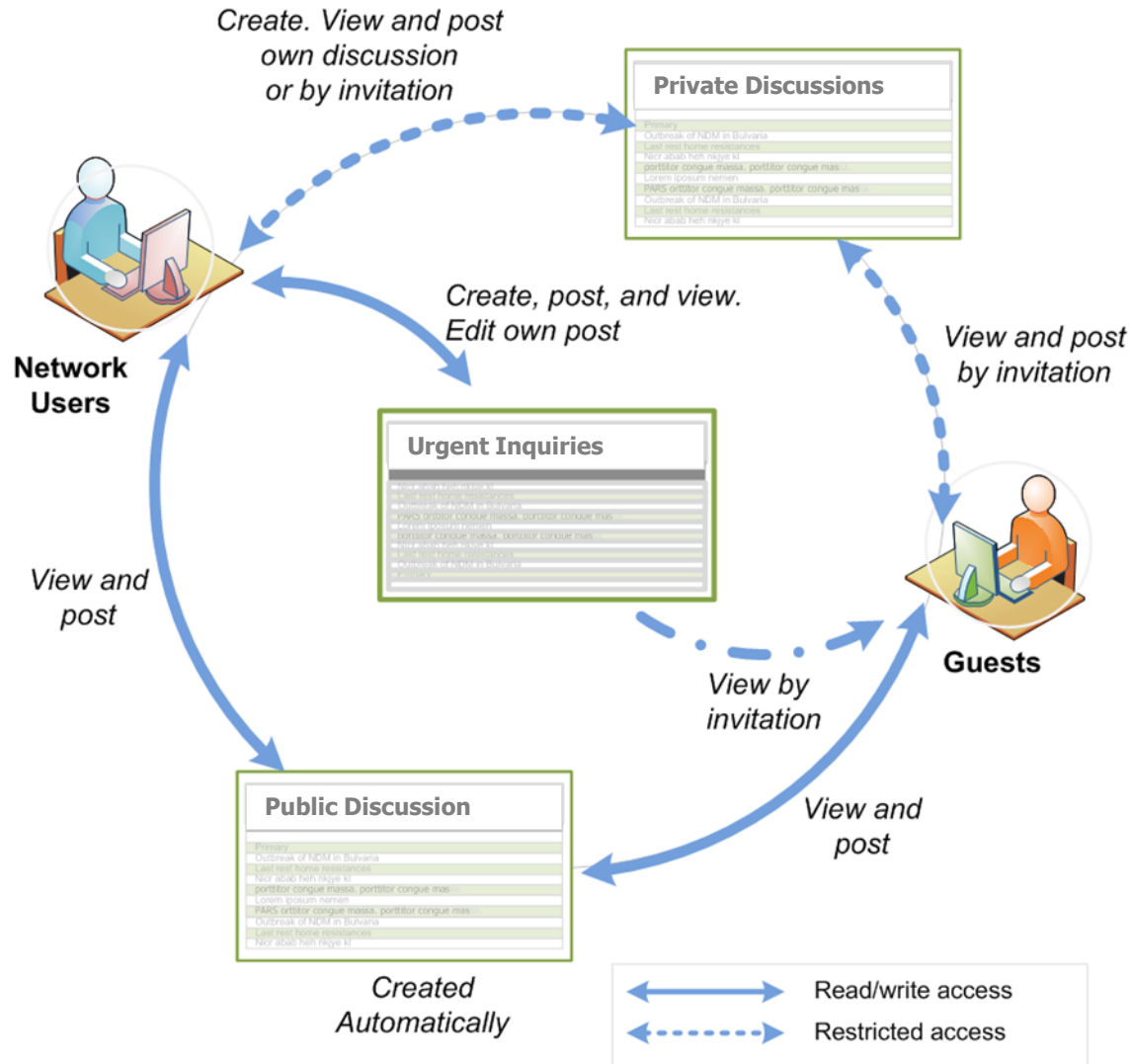•Optionally detailed information on individual cases, isolates and if applicable resistance details may be added

Network architecture overview

Various helpful tools

- Individually customisable Alerts

- Export of data to Excel

- Attachment of various documents

- Wiki – Possibility to install a library with useful documents which can be easily accessible from the platform

Triggers for reporting in EPIS AMR-HAI

- Pandrug resistance
- Multidrug resistance – emerging mechanism of public health interest
- Multidrug resistance – new detection in country
- Multidrug resistance – transfer within EU
- Multidrug resistance – import into EU
- Healthcare-associated infection – new route of transmission
- Healthcare-associated infection – common procedure previously seen as non hazardous
- Healthcare-associated infection – new pathogen/variant of public health concern
- Other

Thank you!