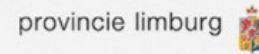


“Serious Cross Border Threats to Health: from Assessment to Coordination of Response in the European Union”

Dr. Paolo Guglielmetti



Dieses Projekt wird kofinanziert durch den EFRE - Die Europäische Kommission investiert in Ihre Zukunft

Dit project wordt mogelijk gemaakt door financiële steun van de Europese Unie (EFRO) - De Europese Commissie investeert in uw toekomst

Ce projet est cofinancé par le FEDER - La Commission européenne investit dans votre avenir



Serious Cross Border Threats to Health: from Assessment to Coordination of Response in the European Union

EMRIC+ Symposium

Maastricht 29 November 2013

**Paolo Guglielmetti
European Commission
DG SANCO – Health Threats Unit**

Main objectives

1: Background

*2: Current EU legislation and mechanisms in place to **monitor, assess and manage** at European Union level serious cross border threats to health with a special focus on communicable diseases*



European
Commission

1998

- **Decision 2119/98/EC** of the European Parliament and of the Council
- Network for **surveillance** of communicable diseases
- Network of public health authorities responsible for **public health measures**

2005

- **European Centre for Disease Prevention and Control** (Regulation 2004/851)
- Surveillance
- Assessment

2007

- The new **International Health Regulations**
- All-inclusive threats approach; Preparedness and core capacities



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2009

- **Lisbon Treaty – Article 168**
- Monitoring, early warning of and **combating of cross-border health threats**

2013

- Adoption of **Decision 1082/2013/EU of the European Parliament and of the Council on Serious Cross Border Threats to Health**

Future

- **Implementation** of the Decision 1082/2013/EU



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Two major events under two different frameworks

2003

SARS

Assessment: Member States + WHO + Commission

EU management: Member States + Community Network + Commission

2009

**Pandemic
Influenza
A(H1N1)**

Assessment: Member States + **ECDC** + **WHO**

EU management: Member States + Community Network + Health Security Committee (Informal) + Commission



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Decision 1082/2013/EU (1)

5.11.2013

EN

Official Journal of the European Union

L 293/1

I

(Legislative acts)

DECISIONS

DECISION No 1082/2013/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 22 October 2013

on serious cross-border threats to health and repealing Decision No 2119/98/EC

(Text with EEA relevance)

Decision 1082/2013/EU (2)

Threats of biological origin, including

communicable diseases, antimicrobial resistance, health care-related infections, non-communicable diseases caused by bio toxins or other biological agents

Threats of chemical origin

Threats caused by environmental factors

Threats of unknown origin

*Events which may constitute **public health emergencies of international concern under IHR** (2005) definition*



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The process



Number of events of
national relevance

National Response



**Serious cross
border threats
to health under
Decision
1082/2013/EU**

EU response

Commission coordinates with Member
States the EU response



The main actors

Public Health Authorities in Member States:
Health Security Committee

European Commission:
Directorate General for Health and Consumer – Health Threats Unit

With the support (for assessment and monitoring) *of EU Agencies – European Centre for Disease Prevention and Control, European Food Safety Authority, European Medicine Agency – and international partners (e.g. WHO and GHSI)*

The tool box

Scanning instruments: Member States, ECDC, JRC, EU Delegations, EEAS, DG ECHO, Other EU agencies, WHO, GHSAG EAR, ...

Early Warning and Reporting System: Formal notification and information sharing platform for risk managers

Emergency operational support: Centres and 'crisis rooms' in Member States – Health Emergency Operation Facility and ARGUS system in the Commission



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Today: 12 February 2008 14:34

Open Section

[Home](#)

[Open Links](#)

[Public Health Web Sites](#)

Secure Section

Login:

Password:

Make sure you do not have CAPS
LOCK on.

Passwords are CaSe SeNsItIvE.
If you have forgotten or lost your
password, please contact us:

service@ecdc.europa.eu

LOGIN

EWRS Version 6.0

Last Update on 28 January 2008
DG SANCO - Health Threat Unit
© ECDC

Early warning and response system

The Network for the Surveillance and Control of Communicable Diseases has been established by the European Parliament and Council Decision 2119/98/EC. The aim of the Network is to promote cooperation and coordination between the Member States, with the assistance of the European Commission, with a view to improving the prevention and control, in the Community, of communicable diseases. The Network includes an Early Warning and Response System (EWRS), which is formed by bringing into permanent communication with one another, through appropriate means, the Commission and the competent public health authorities in each Member State responsible for determining the measures which may be required to protect public health.

The restricted section of this application is devised for the operation of the EWRS.

The open section contains links to sites containing health information and news which may be of interest to the public.

Access to this section is limited to the members of the EWRS, i.e. the competent Public Health Authorities of the EU Member States, which have been designated officially by the Government of their Country as members of the EWRS, and the competent service of the European Commission.*



EWRS

[Public Health Authorities](#)

[Public Health Authorities login here](#)

Restricted Area

**application for membership is not possible to other individuals or organizations*



Open Area

[European Projects](#)
[National European Public Health Bulletins](#)
[USA](#)
[Other](#)
[International Bulletins](#)

[Europa - European Commission Public Health](#)

Tested with:



Please submit your comments, questions and suggestions to the:

EWRS Network Administrator sanco-lux-ewrs@ec.europa.eu

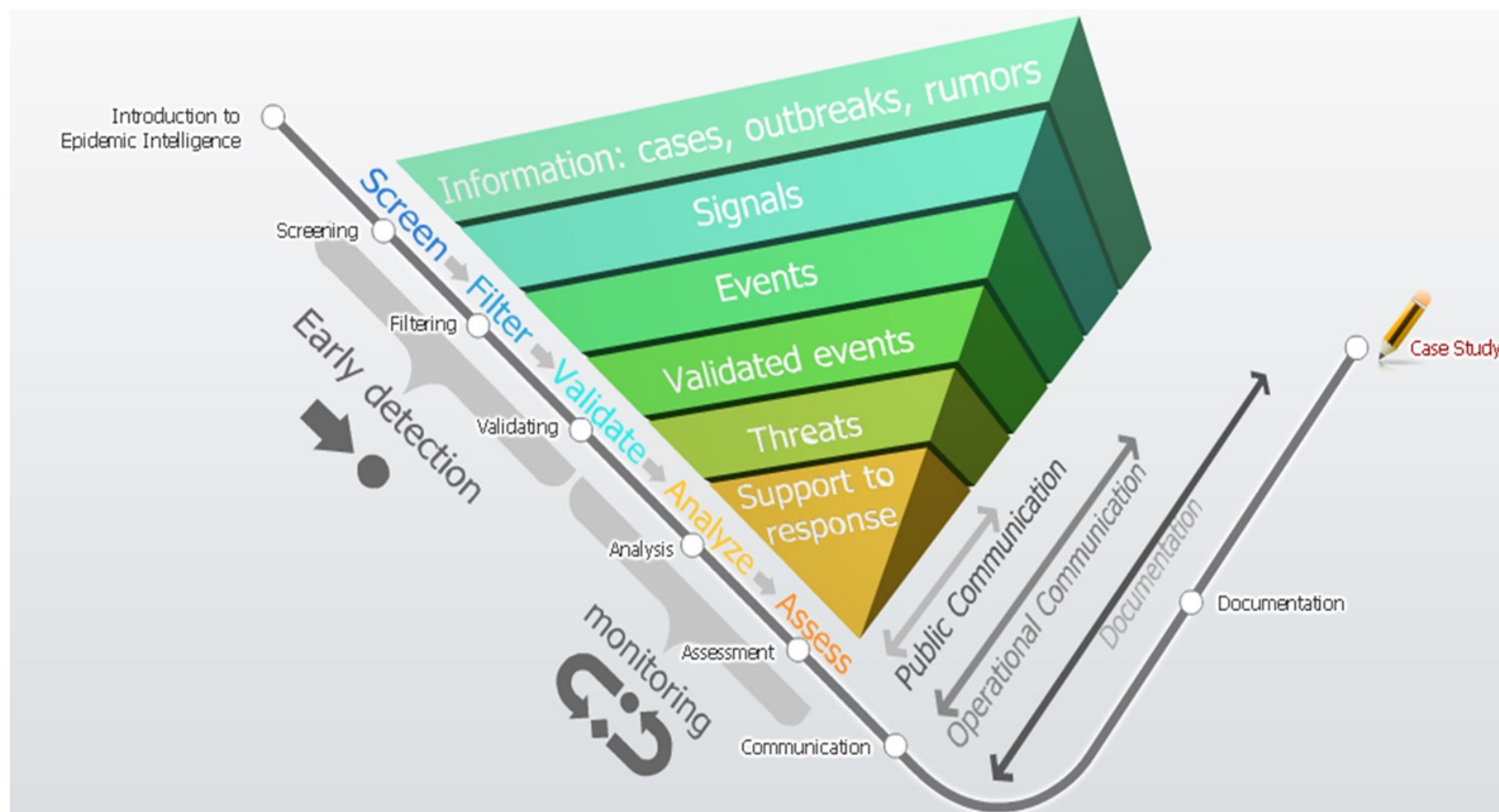
Support EWRS service@ecdc.europa.eu

Health and
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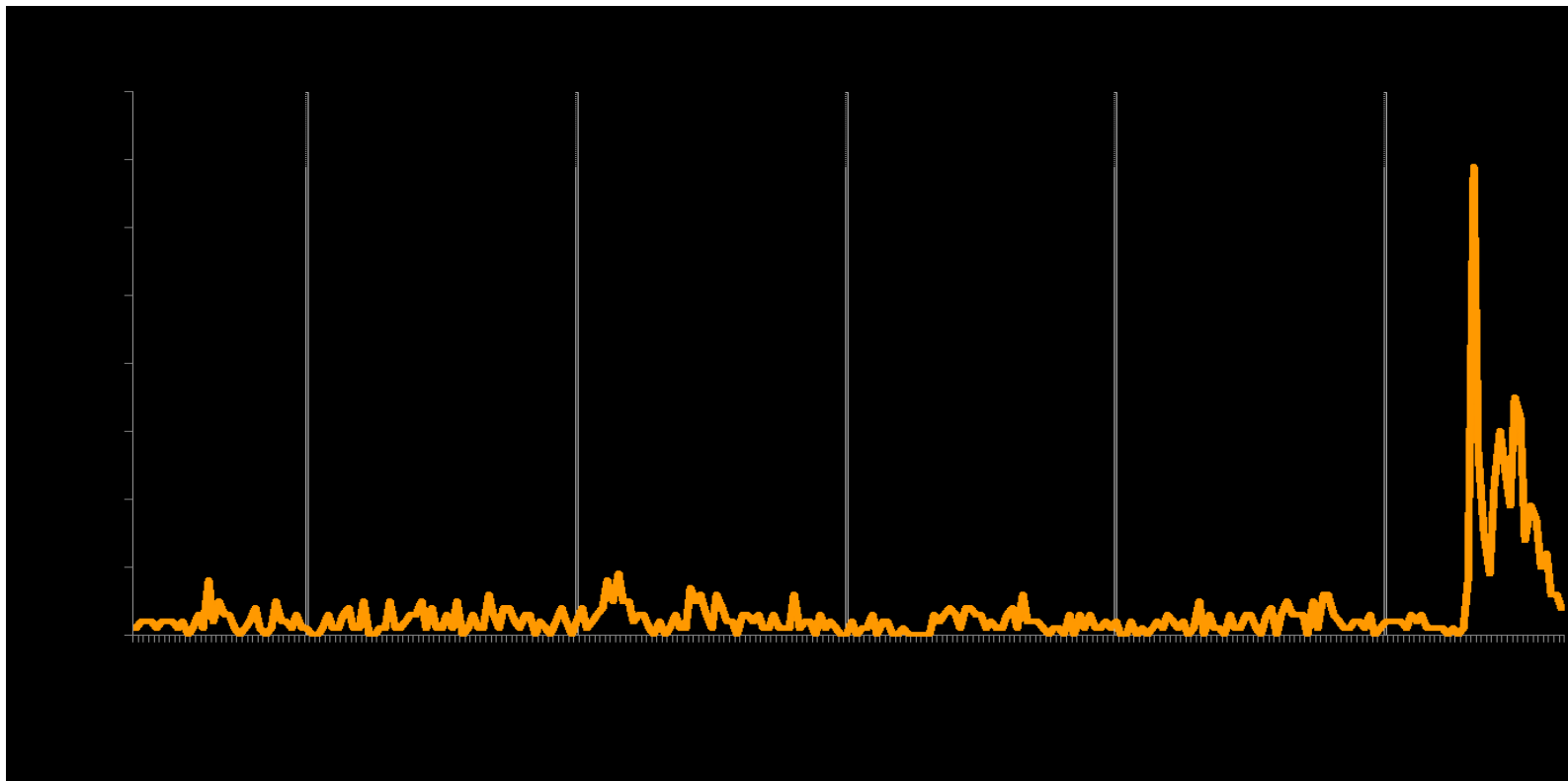
From scanning to assessment





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EWRS

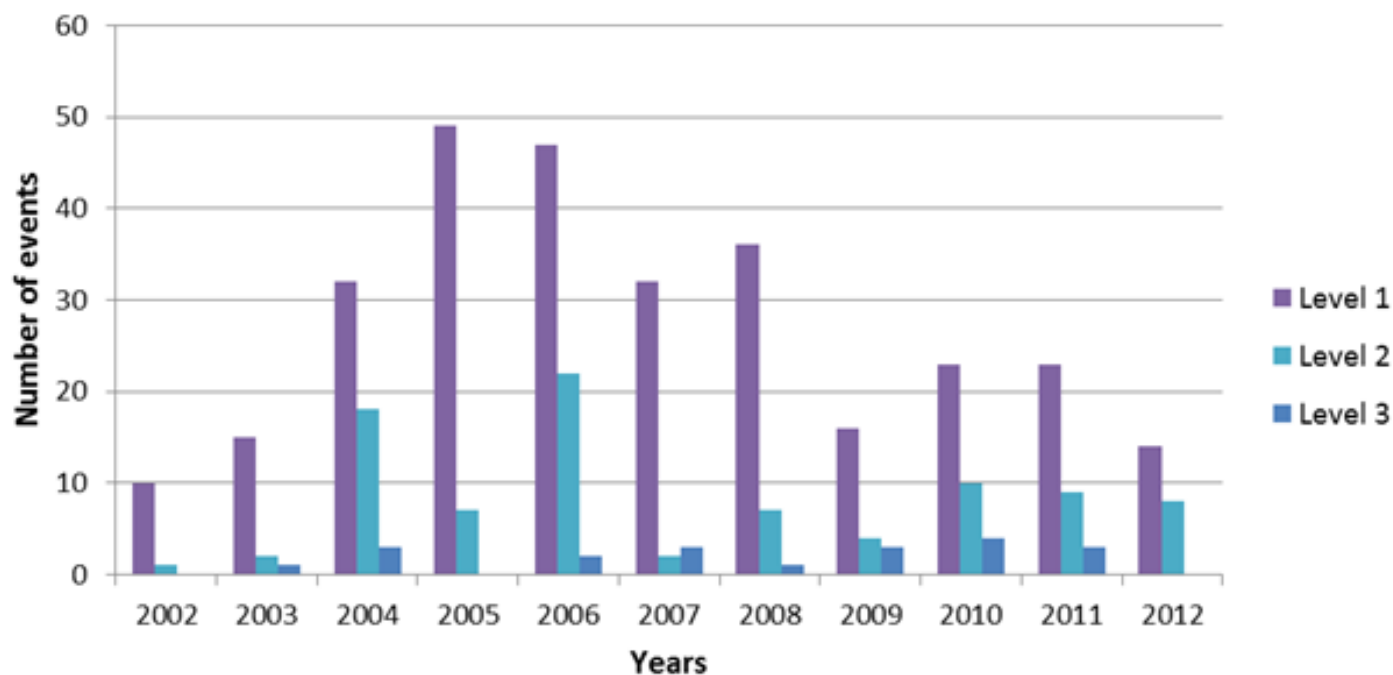


Threads in EWRS, by week, 2004 - 2009



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Number of events notified (2002-2012) under activation level 1, level 2 and level 3

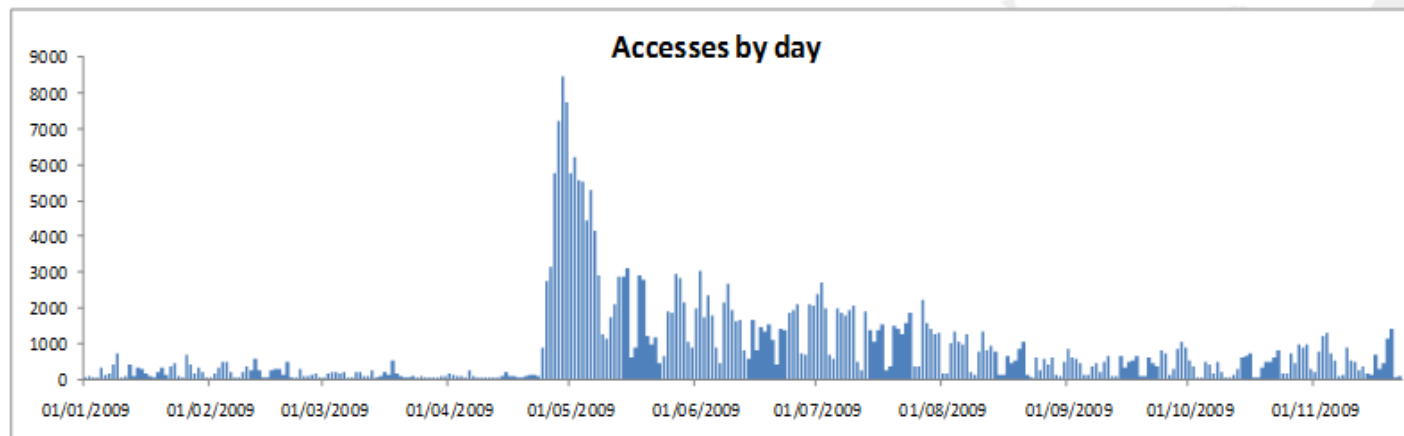
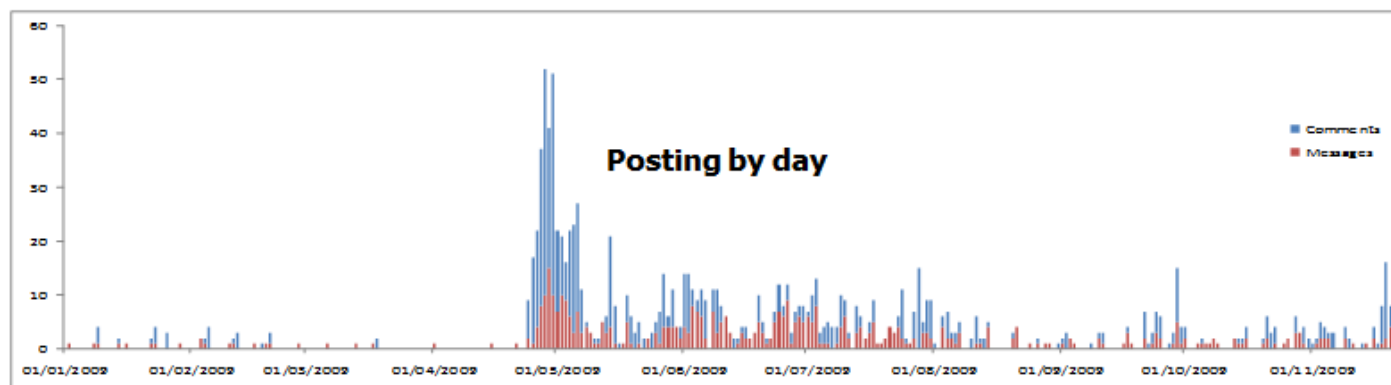




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'Peace mode' versus 'Crisis mode'

EWRS activity: January – November 2009





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Influeza pandemic A(H1N1): a cross sector challenge



EUROPEAN COMMISSION



Directorate-General for
Health & Consumers

Cross-sector cooperation in Pandemic (H1N1) 2009

Sectors currently cooperating
with Public Health Sector in Pandemic (H1N1) 2009

- Transport
- Legal
- Justice
- Enterprise
- Marketing
- Competition
- Research

- Animal Health
- Media/communication
- Informatics technology
- Administration
- Civil society
- Civil Protection
- Modelling



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Polio cases in Syria: is the EU prepared to deal with possible reintroduction of Wild poliovirus?

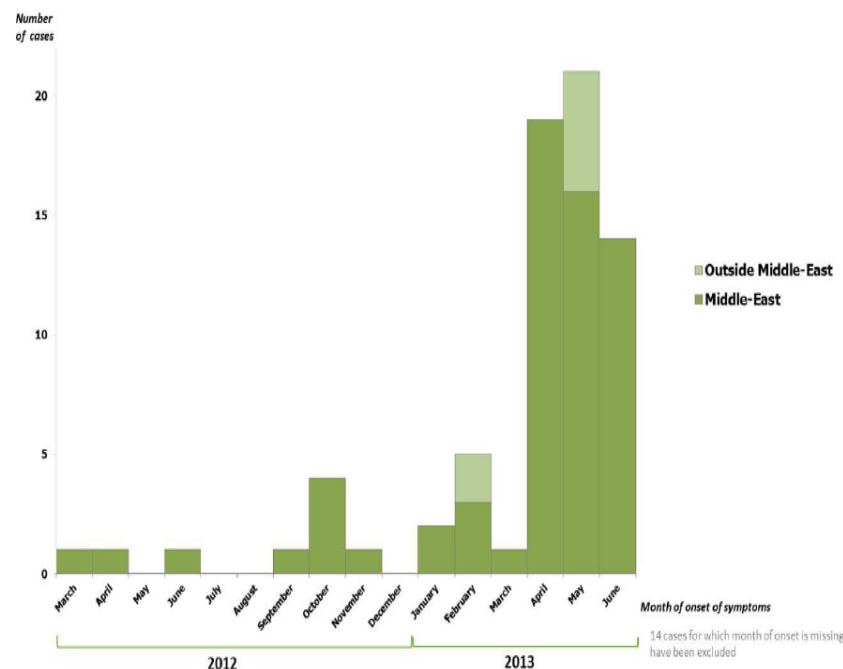
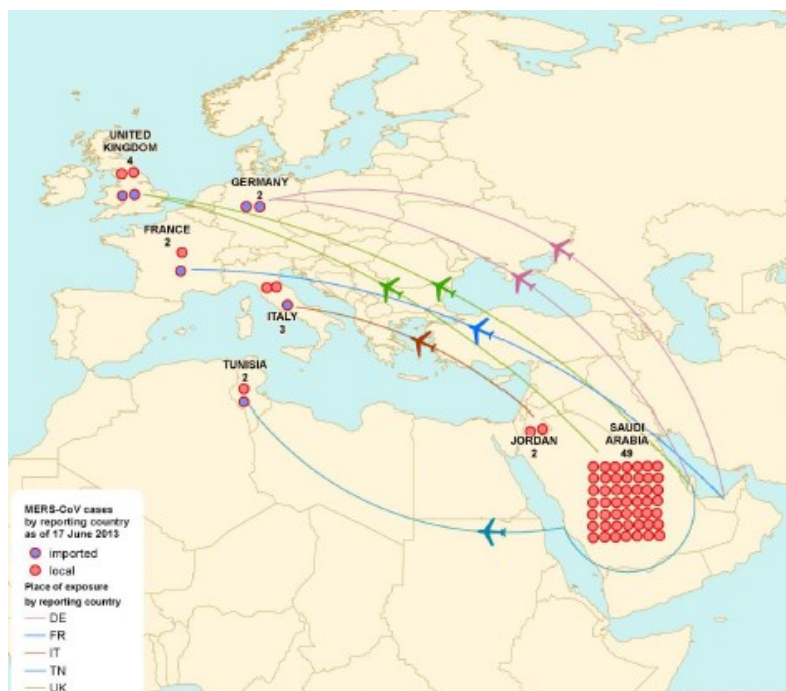


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Middle East Respiratory Syndrome coronavirus (MERS CoV): a new emerging pathogen





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Shiga toxin-producing *E. coli* (STEC) O104:H4

Interface with the food sector

Cumulative STEC cases in the European Union / EEA countries
1st May - 30th June





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Rabies: threat from illegally imported pets





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Anthrax and botulism: outbreaks in drug users

ANTHRAX WARNING

If you use Heroin you are at risk!

Look for the early symptoms...

1. Redness and swelling at the injection site if injecting heroin.
2. High temperature and flu-like symptoms if you smoke heroin.

If anyone you know has any of these symptoms you may also be infected if your Heroin has come from the same dealer.

What to do...

1. Go to the nearest Accident and Emergency Department at Hospital or any other Health Centre.
2. Early intervention with Antibiotics can save your life, and the lives of those around you.

Tell everyone you know, face to face, by phone or text, social networks or any means possible about this warning



INPUD Publications 2012
International Network of People Who Use Drugs
www.inpud.net
Find us on Facebook/INPUD

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West Nile fever: threat with impact on Substances of Human Origin (SHO)

Reported cases of West Nile fever for the EU and neighbouring countries

Transmission season 2013; latest update: 06/11/2013





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Commission

Invasive meningococcal disease in young men who have sex with men



RAPID RISK ASSESSMENT

Invasive meningococcal disease among men who have sex with men

3 July 2013



Coordination mechanisms - Strong points

European Union legislation in place

Adapted to the new IHR (2005)

Long experience (since 1999)

Formal base to the Health Security Committee

Robustness of the EWRS contact points in EU

Rapid mechanisms of consultation (meetings, teleconferencing systems...)

Back up of ECDC, EFSA and EMA in threat assessments

Tested in real crisis situation (SARS, avian flu, pandemic, unexpected events)

Critical mass of events (1-3 w.) reached

Minimising the risks for...

Delay in notification of the events

Low compliance with reporting criteria under the current legislation

Overlapping of competences between risk management and assessment

To overburden the risks assessors and managers in case of a crisis situation (or need to deal with more than one event at the same time)

Critical systems in place (e.g. Early Warning and Response System), including cyber-attacks to critical system (e.g. protection of personal data)

Poor coordination among the sector in case of need, including to assure an consistency the current Rapid Alert Systems in place in the different sectors



Thank you for your attention.

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provincie limburg



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