NATIONAL EARLY WARNING SYSTEM



NATIONAL EARLY WARNING SYSTEM

N.E.W.S.

SISTEMA NAZIONALE DI ALLERTA PRECOCE E RISPOSTA RAPIDA PER LE DROGHE

www.allertadroga.it
allerta@allertadroga.it
ewsita@governo.it

Giovanni Serpelloni – Department for Antidrug Policies - PCM
Elisabetta Simeoni – Italian National Focal Point - Department for Antidrug Policies - PCM
Teodora Macchia – Istituto Superiore di Sanità
Carlo Locatelli – IRCCS Salvatore Maugeri Fundation
Claudia Rimondo – Dipartimento delle Dipendenze, Az. ULSS 20 Verona

ORIGIN

- Council Decision 2005/387/JHA
- 2007 – Project for the model analysis of the System entrusted to the Verona Addiction Department, ULSS 20, Verona
- 2009 – The System got adopted by the Department for Antidrug Policies, PCM

emcdda.europa.eu

PRESIDENZA DEL CONSIGLIO DEI MINISTRI
Dipartimento Politiche Antidroga

NATIONAL EARLY WARNING SYSTEM

N.E.W.S DIRECTION

Giovanni Serpelloni - Head of the Department for Antidrug Policies
Presidency of the Council of Ministers

ITALIAN NATIONAL FOCAL POINT

Elisabetta Simeoni - Presidency of the Council of Ministers
Department for Antidrug Policies

N.E.W.S COORDINATION AND MANAGEMENT GROUP

Teodora Macchia – Istituto Superiore di Sanità
Carlo Locatelli – IRCCS Salvatore Maugeri Fundation – Pavia
Claudia Rimondo – Addiction Department, ULSS 20 Verona

NATIONAL EARLY WARNING SYSTEM: PURPOSES

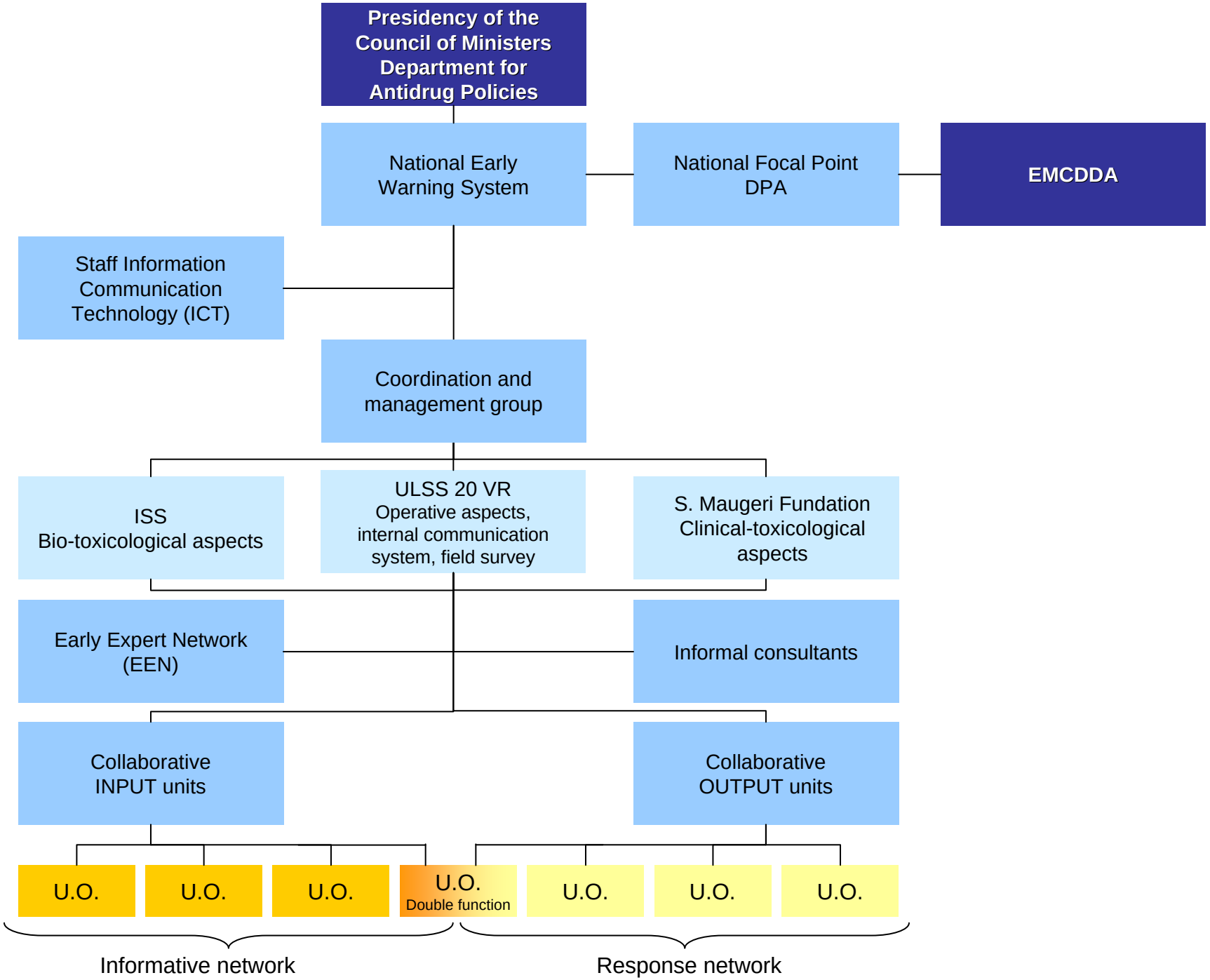
- Early detection of potentially dangerous phenomena in relation to the appearance of new drugs and new patterns of consumption.





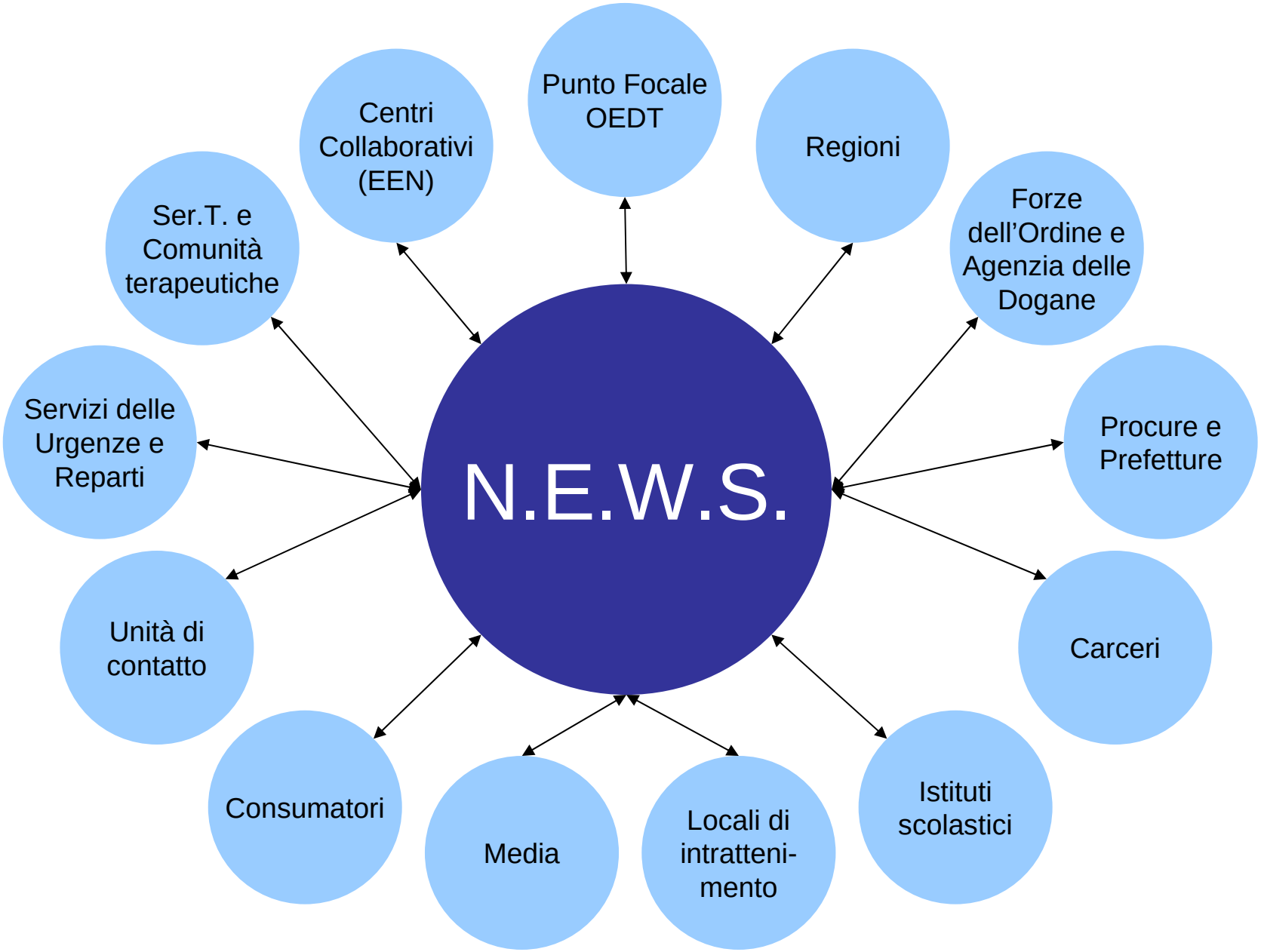
- Activation of rapid response actions through the active and well-timed involvement of organizations aimed at protecting and promoting public health.

NATIONAL EARLY WARNING SYSTEM



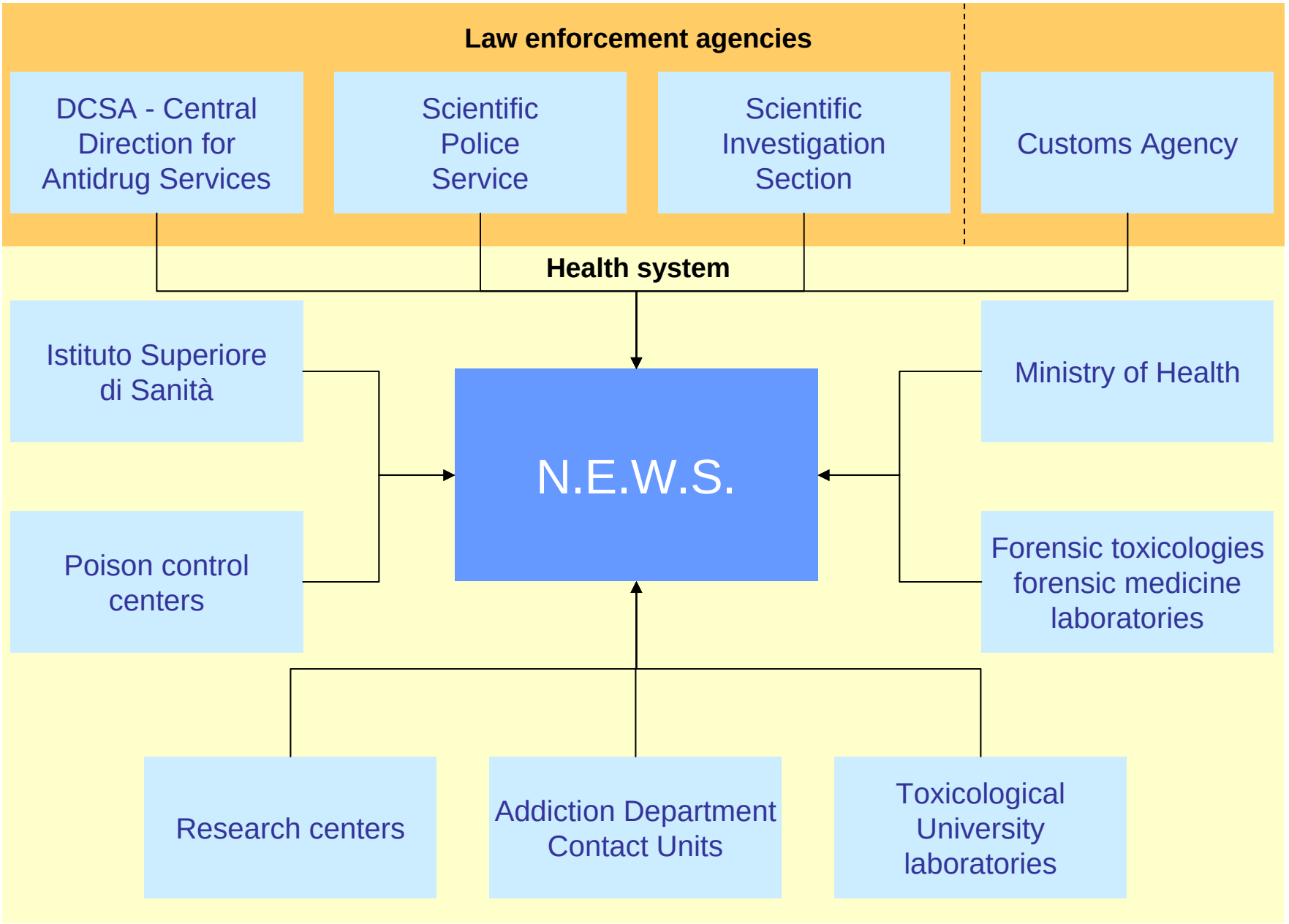
NATIONAL EARLY WARNING SYSTEM

L'ATTUALE NETWORK DEL N.E.W.S



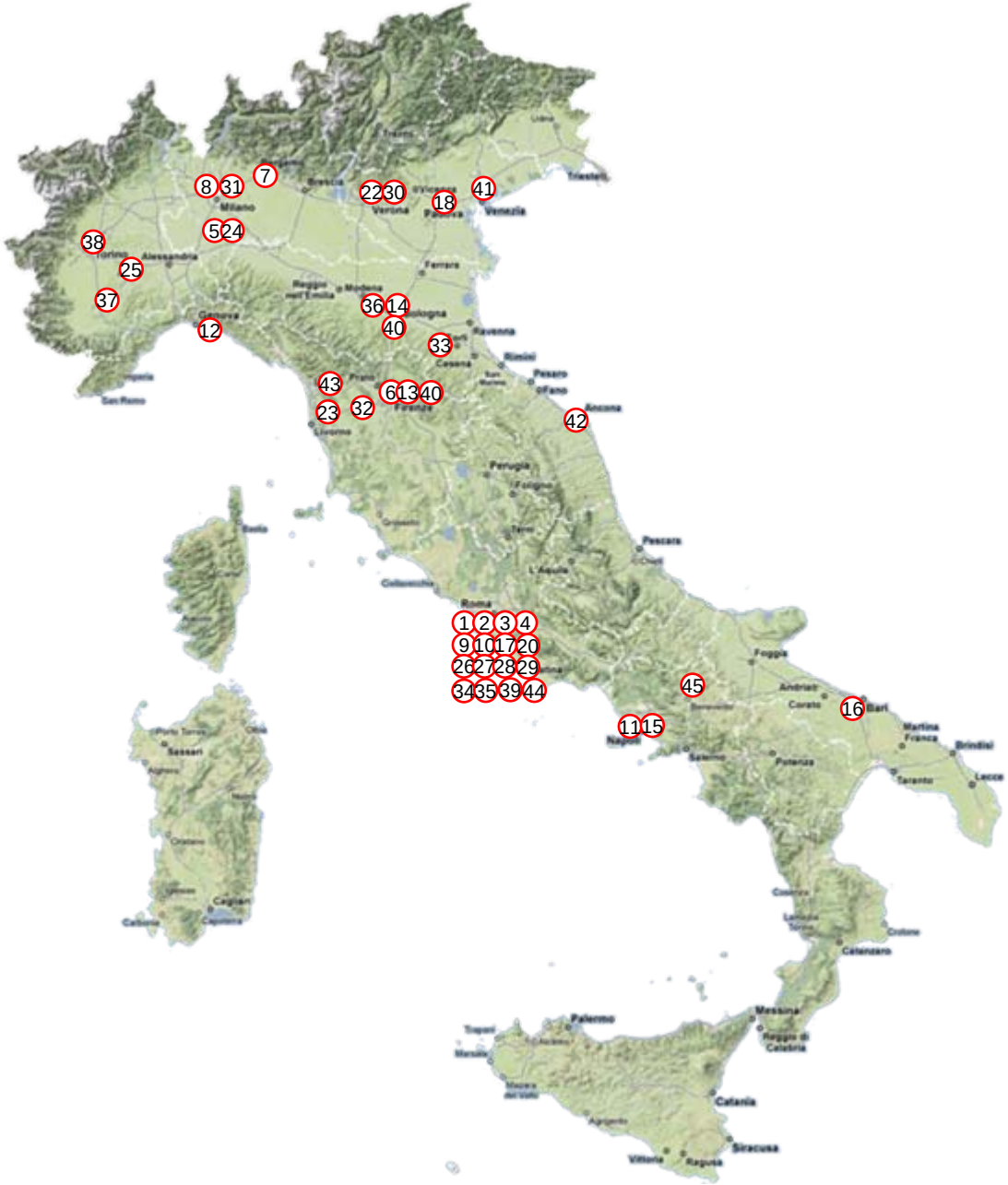
NATIONAL EARLY WARNING SYSTEM

EARLY EXPERT NETWORK



NATIONAL EARLY WARNING SYSTEM

LOCALIZZAZIONE DEI C.C. – aggiornato al 25 marzo 2010



NATIONAL EARLY WARNING SYSTEM

CENTRI COLLABORATIVI aggiornato al 25 marzo 2010

Direzione Generale della Prevenzione Sanitaria – Ufficio VII	Pietro Canuzzi
Ufficio Centrale Stupefacenti	Diego Petriccione Rocco Signorile Germana Apuzzo
Dipartimento del Farmaco	Teodora Macchia
Dipartimento del Farmaco	Piergiorgio Zuccaro
Centro Antiveleni Policlinico Gemelli, Roma	Alessandro Barelli
Centro Antiveleni – Azienda Ospedaliera Universitaria Careggi, Firenze	Primo Botti
Centro Antiveleni Azienda Ospedaliera Ospedale Niguarda Cà Granda	Franca Davanzo
Centro Antiveleni di Bergamo, Azienda Ospedali Riuniti	Maria Luisa Farina
Centro Antiveleni Ospedale Gaslini, Genova	Mario Lattere
Centro Antiveleni di Pavia — IRCCS Fondazione Salvatore Maugeri	Carlo Locatelli
Centro Antiveleni Policlinico Umberto I, Roma	Sandro Russo
Centro Antiveleni Ospedale Cardarelli, Napoli	Clara Volpe
TF dell' Università degli studi di Firenze	Elisabetta Bertol
TF dell' Università degli studi di Bologna	Elia Del Borrello
TF della Seconda Università degli studi di Napoli	Renata Borriello
TF Università Cattolica del Sacro Cuore di Roma	Marcello Chiarotti Nadia Fucci
TF Università degli studi di Padova	Santo Davide Ferrara Franca Castagna
TF - Università degli studi di Perugia	Paola Melai
ARPAC	Caterina Martuccio
AIFA	Lucio Covino
Sezione Medicina Legale Dipartimento Neuroscienze Università Politecnica Marche	Raffaele Giorgetti
Laboratorio di Sanità Pubblica - Azienda Sanitaria di Firenze	Roberto Baronti
TF dell' Università degli Studi di Bari	Roberto g. Candela
Istituto di Medicina Legale - Università "La Sapienza" di Roma	Mauro Iacoppini
TF Università degli studi di Verona	Franco Tagliaro
Dipartimento di Scienze Farmaceutiche - Università degli studi di Pisa	Marco Macchia
Laboratorio Tossicologia Analitica - IRCCS Policlinico San Matteo di Pavia	Pietro Papa
Laboratorio Antidoping Torino	Marco Vincenti Michele Petrarulo
Direzione Centrale per i Servizi Antidroga – III Servizio	Paola Ulivi
Direzione Centrale Anticrimine della Polizia di Stato – Servizio Polizia Scientifica	Egidio Lumaca
Arma dei Carabinieri - Reparto Investigazioni Scientifiche di Roma (e altre unità operative da loro individuate)	Luigi Ripani
Servizio Polizia Scientifica- Sez. Indagini sulle droghe d'abuso – Polizia di Stato	Serena Detti
Laboratorio chimico di Roma (e altre unità operative da loro individuate)	Alessandro Proposito
University of Hertfordshire School of Pharmacy College Lane Campus Hatfield, Herts	Fabrizio Schifano
Presidenza del Consiglio dei Ministri	Luigi D'Onofrio
Tossicologo - Consulente del Tribunale di Como, Busto Arsizio e. Varese	Mario Franchini
Questura di Bologna Squadra Mobile	Fabio Bernardi Questore Luigi Merolla
Chimico - tossicologo, Consulente del Tribunale di Bologna	Onelio Morselli
U.O. Biochimica clinica e tossicologia Az. Sanitaria USL2 Lucca	Daniele Prucher
Laboratorio Igiene e Tossicologia Industriale Az. ULSS 12 Veneziana	Giorgio Orrù

NATIONAL EARLY WARNING SYSTEM

MAIN FEATURES









NATIONAL EARLY WARNING SYSTEM

OBSERVED PHENOMENA

1. Atypical unknown substances
2. Unattended synthoms after consumption
3. Anomalous drug batches
4. Too low prices or special offers
5. New patterns of consumption

NATIONAL EARLY WARNING SYSTEM

AREAS UNDER OBSERVATION

USERS POPULATION

New drugs,
new patterns of consumption

DRUG TRAFFICKING AND DEALING

NATIONAL EARLY WARNING SYSTEM

NOTIFYING UNITS

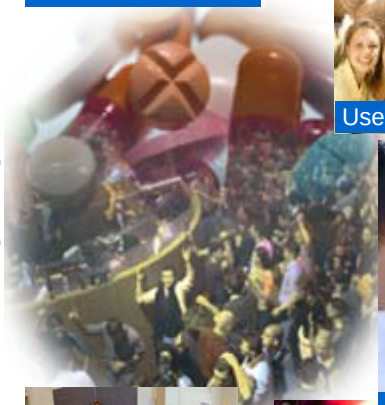

Emergency units


Law enforcement agencies


Laboratories


Users

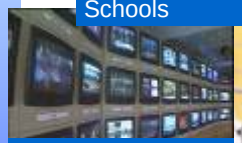
PHENOMENON

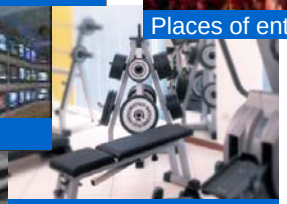



Outreach mobile units


Schools


Places of entertainment


Mass media


Body school


Newspapers

MEANS OF COMMUNICATION



Input

NOTIFICATIONS' PROCESSING AND EARLY ALERT ACTIVATION







MULTICHANNEL COMMUNICATION







RAPID RESPONSE

Reitox Focal Point









Health units, law enforcement agencies, labs

Information to citizens

NATIONAL EARLY WARNING SYSTEM

INPUT NETWORK



Law enforcement agencies



Emergency units



Outreach mobile units



Laboratories



Media



News papers



Schools



Body schools



Places of entertainment



No profit organizations



Drugs users

NATIONAL EARLY WARNING SYSTEM

DAILY MEDIA SCANNER

(regional and local news paper)





INFORMATION:

LOW SPECIFICITY

HIGH SENSITIVITY

NATIONAL EARLY WARNING SYSTEM

OUTPUT NETWORK

National Focal Point and ISS



Institutions



Emergency units



Laboratories



Law enforcement agencies



Media



Drug users

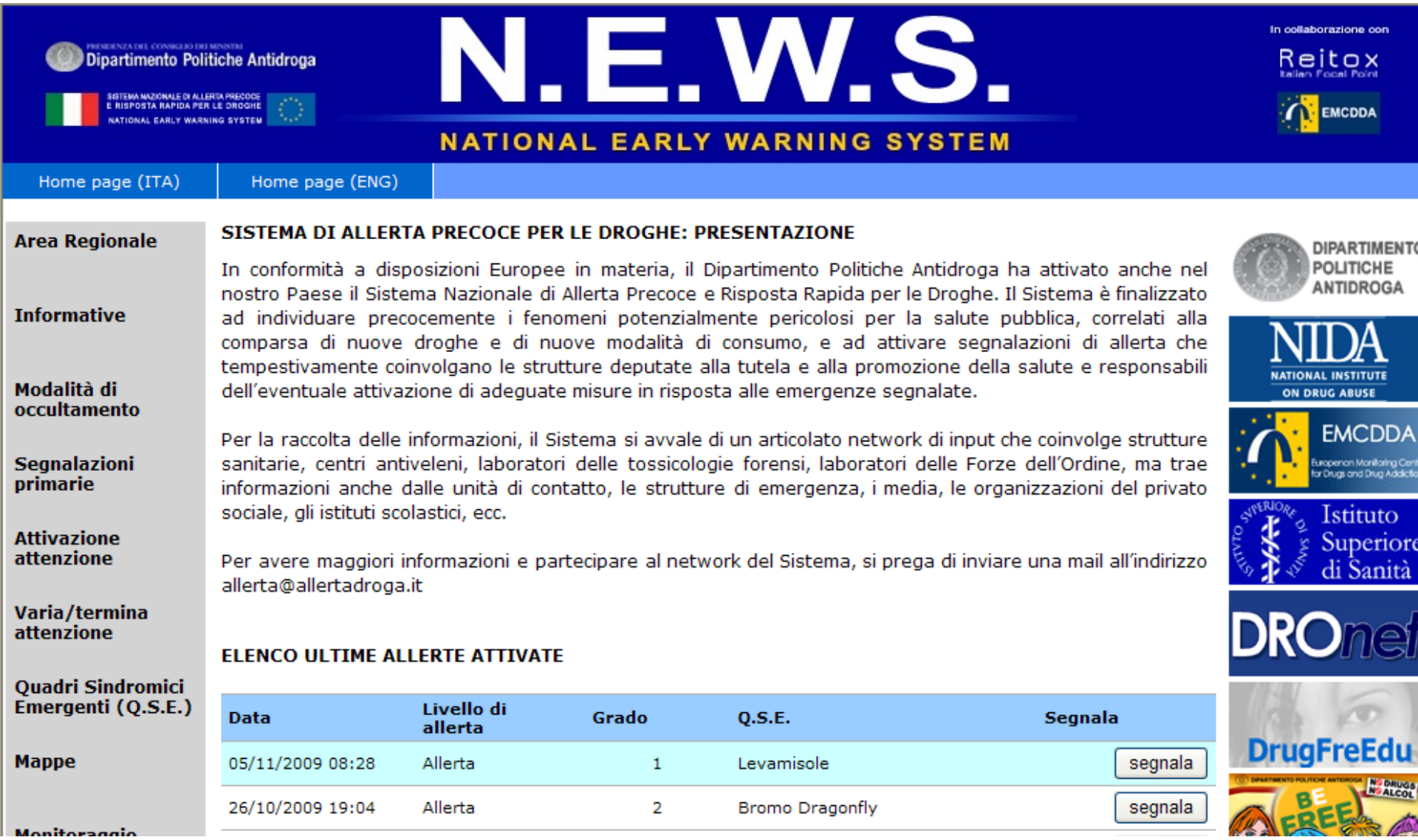


Places of entertainment



No profit organizations

THE WEB SYSTEM N.E.W.S.



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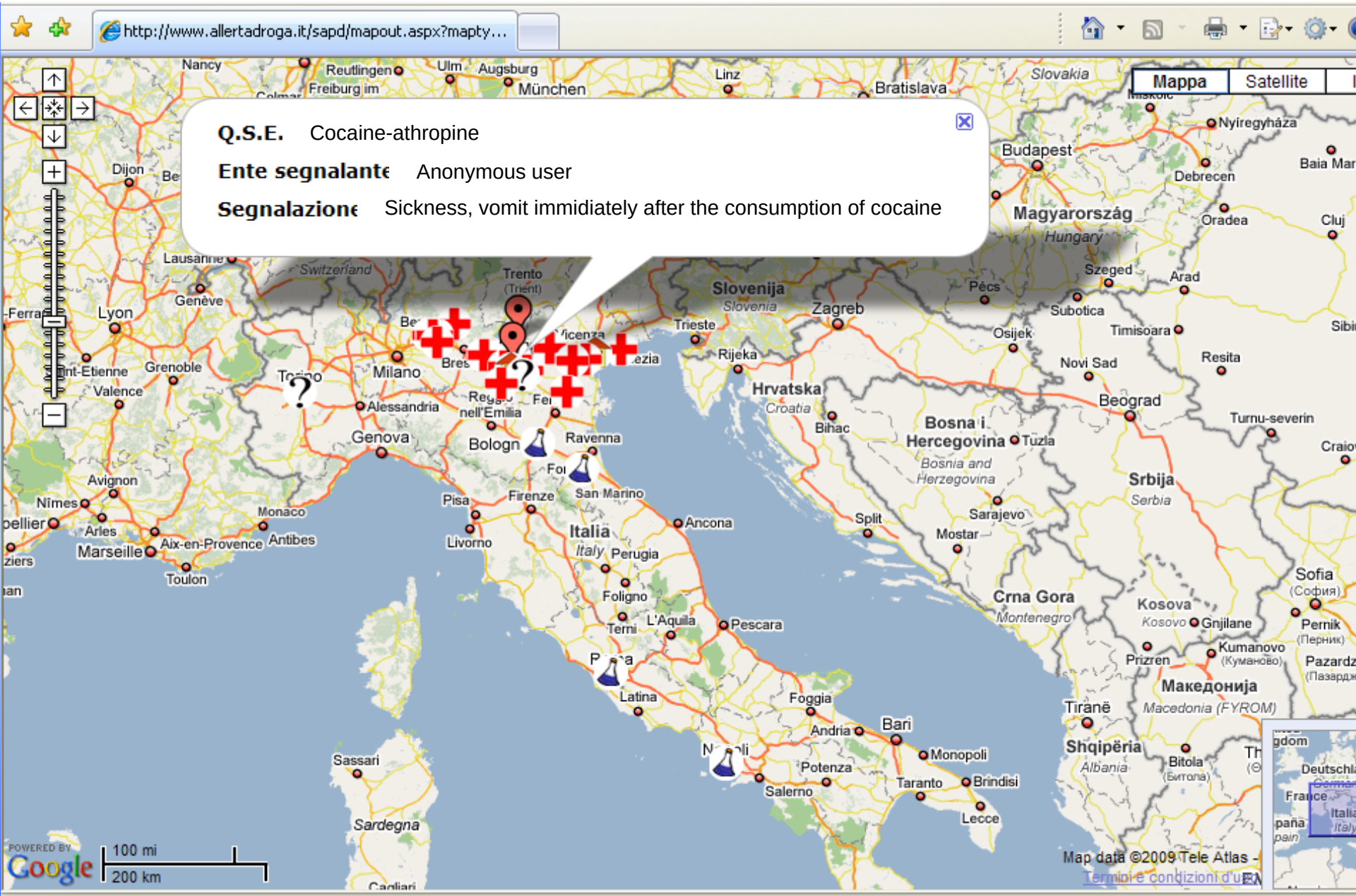
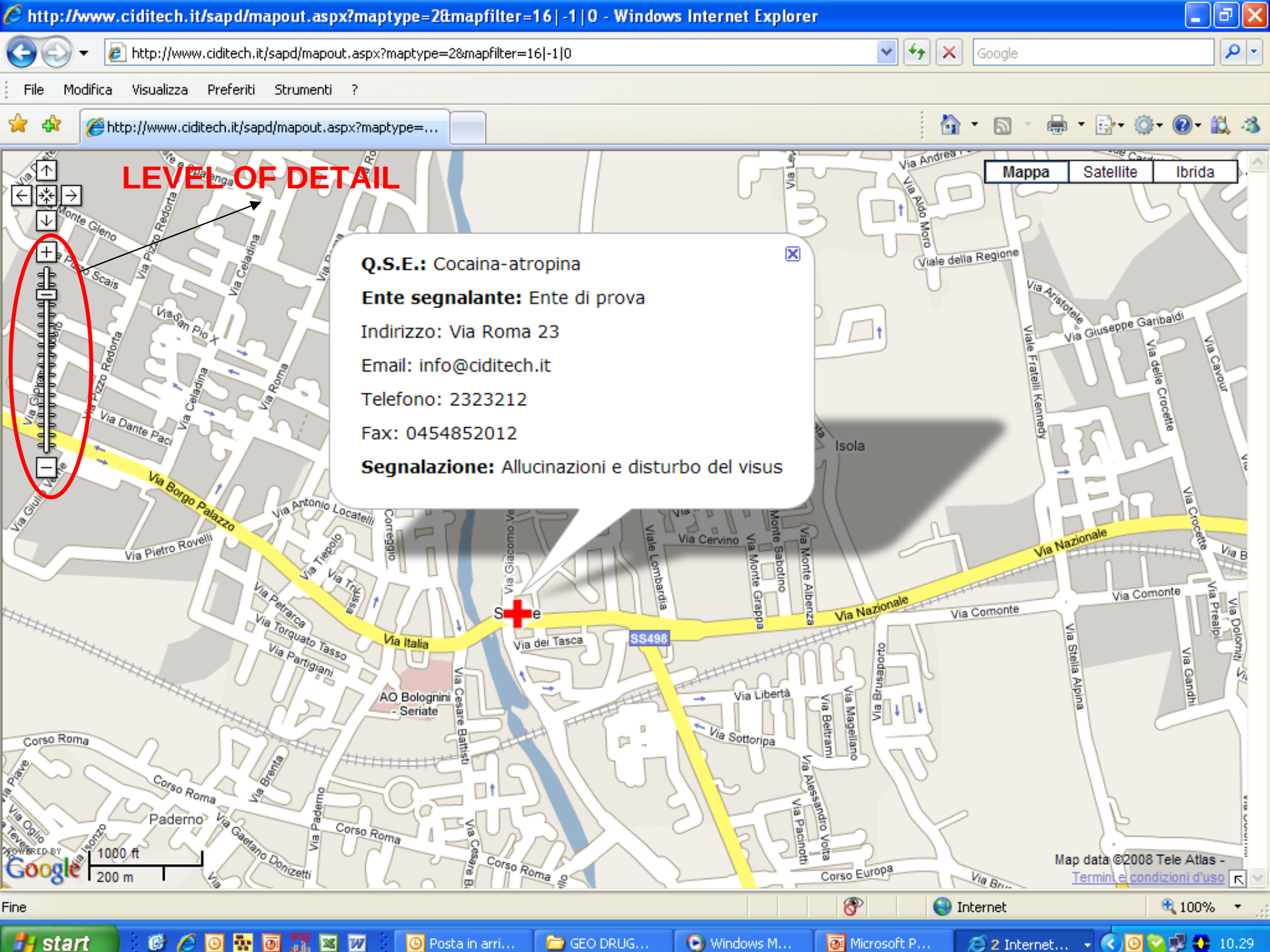
COLLECTING NOTIFICATIONS: LEVEL OF DETAIL

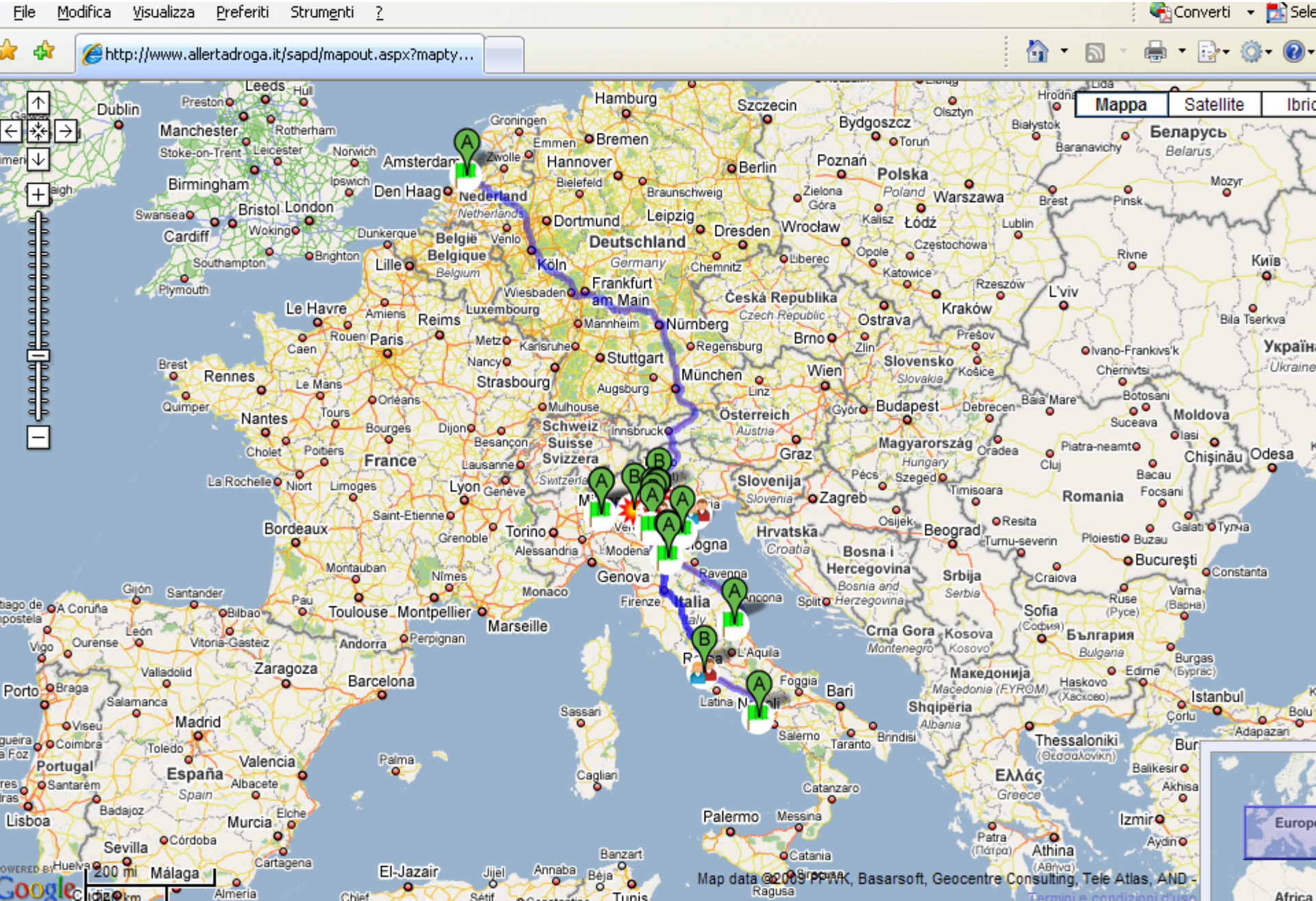


LOCATING NOTIFICATIONS

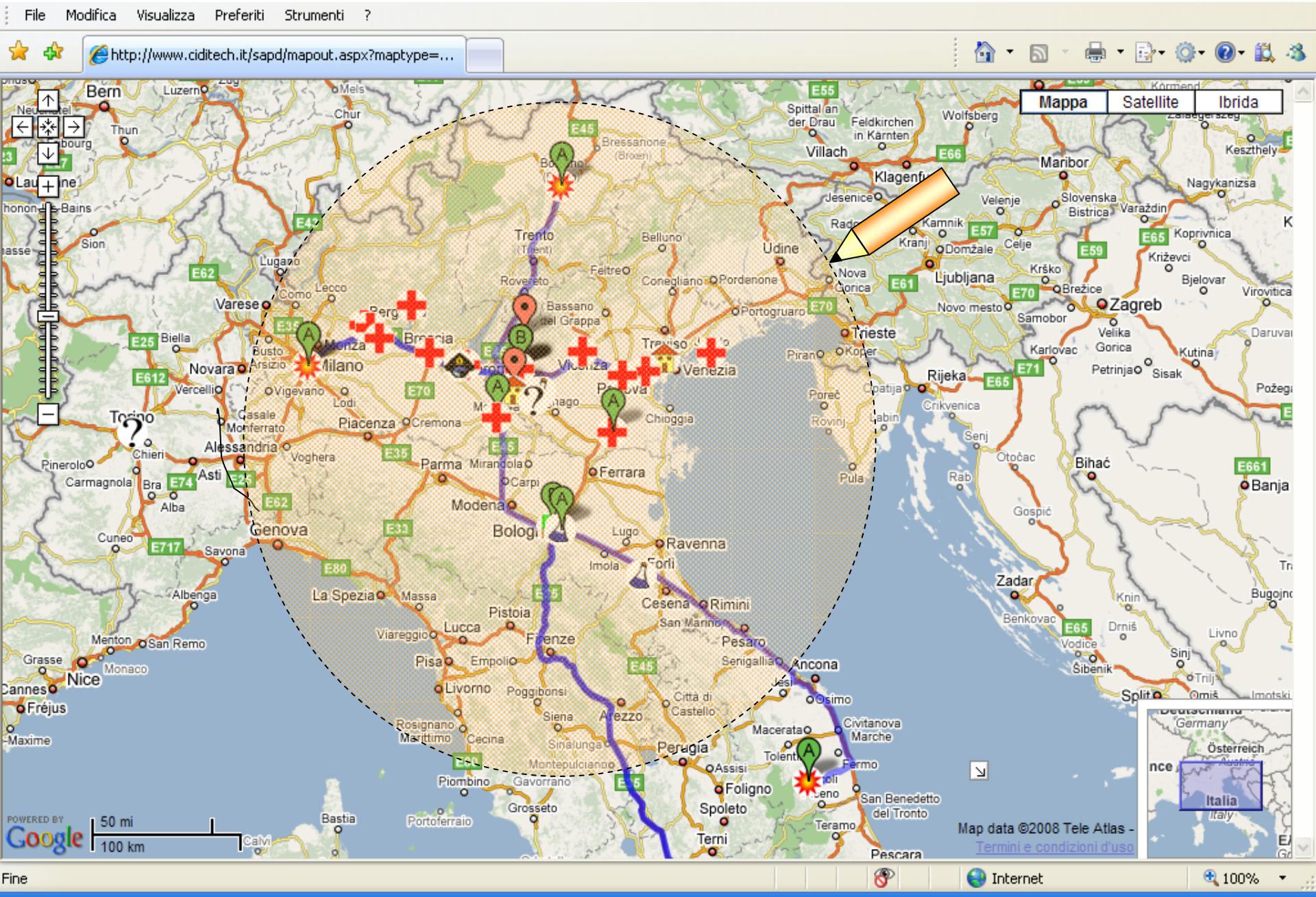



http://www.ciditech.it/sapd/mapout.aspx?maptype=2&mapfilter=16|-1|0 - Windows Internet Explorer
http://www.ciditech.it/sapd/mapout.aspx?maptype=2&mapfilter=16|-1|0
File Modifica Visualizza Preferiti Strumenti ?
http://www.ciditech.it/sapd/mapout.aspx?maptype=...
LEVEL OF DETAIL
Mappa
Satellite
Ibrida
Q.S.E.: Cocaina-atropina
Ente segnalante: Ente di prova
Indirizzo: Via Roma 23
Email: info@ciditech.it
Telefono: 2323212
Fax: 0454852012
Segnalazione: Allucinazioni e disturbo del visus
Via Borgo Palazzo
Via Italia
Via Nazionale
Via Comonte
Via dei Tasca
SS498
AO Bolognini - Seriate
Paderno
Isola
Corso Roma
Corso Europa
1000 ft
200 m
Map data ©2008 Tele Atlas -
Termini e condizioni d'uso
Fine
Internet
100%
start
10.29

DRUG TRAFFICKING ROUTES



MAP MATCHING



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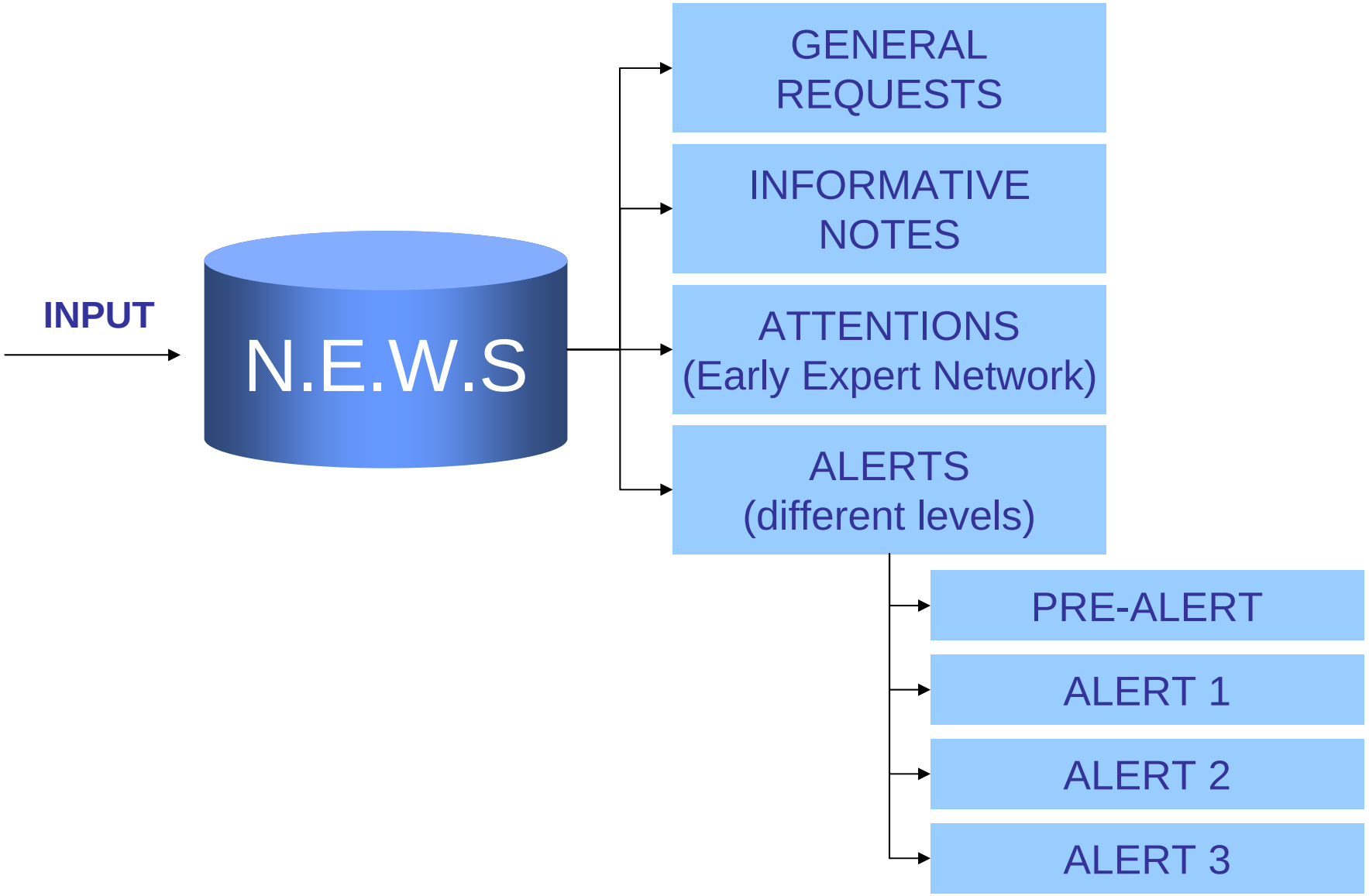
OUTPUT COMMUNICATION



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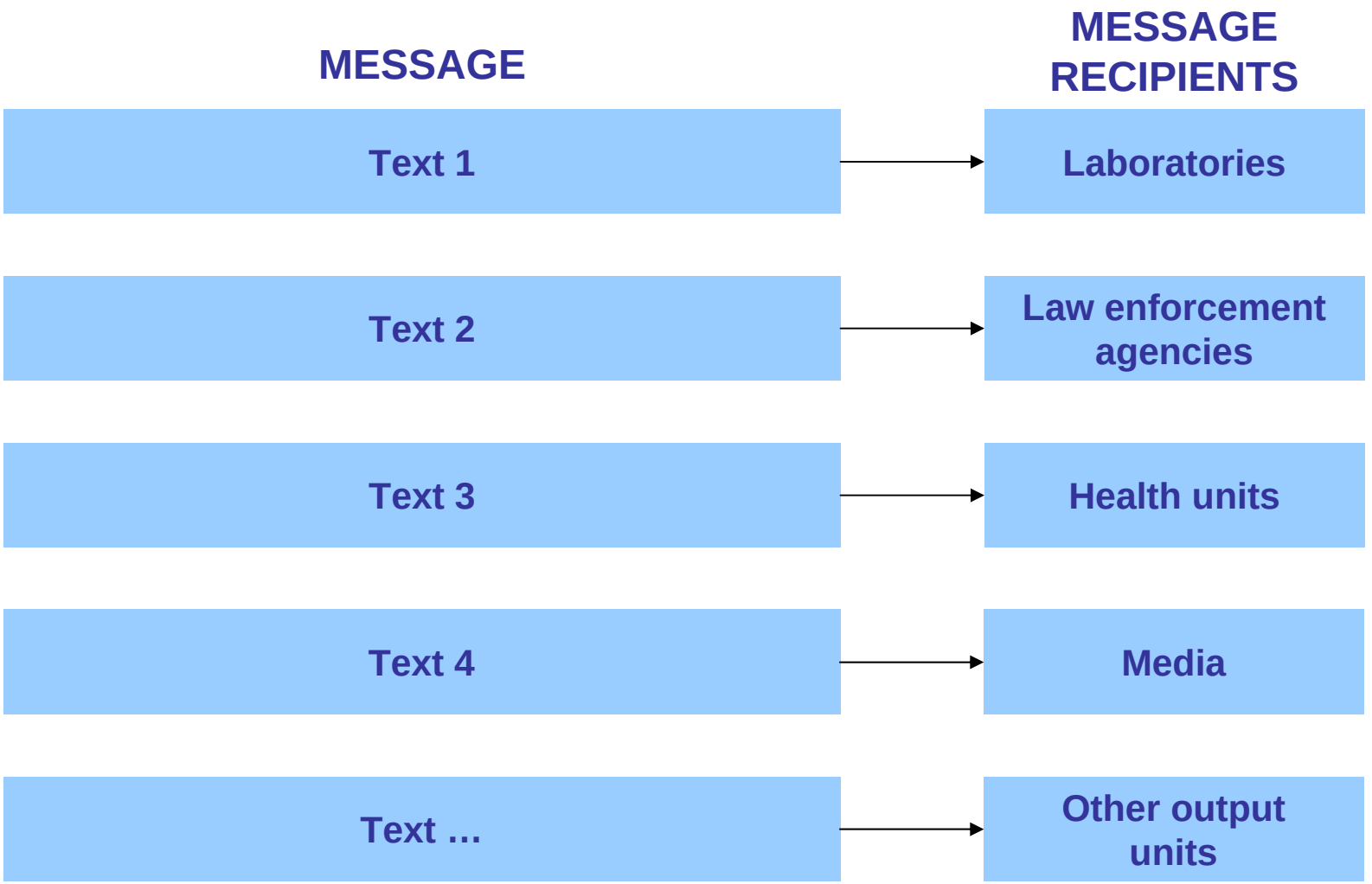
MESSAGE DIFFERENTIATION



Dipartimento Politiche Antidroga

SISTEMA NAZIONALE DI ALLERTA PRECOCE E RISPOSTA RAPIDA PER LE DROGHE
NATIONAL EARLY WARNING SYSTEM

N.E.W.S. NATIONAL EARLY WARNING SYSTEM

INTERNAL COMMUNICATION SYSTEM

In collaborazione con Reitox Italian Focal Point

EMCDDA

NUOVO MESSAGGIO | MAIN MAILING | NUOVO OGGETTO | ELIMINA MESSAGGIO | ELIMINA OGGETTO

Elenco oggetti

Trascina una colonna qui per raggruppare...

Oggetto	Aggiornato il	Q.S.E.
R: Re: :: login allertadroga	15/12/2009	
adesioni al Sistema	15/12/2009	
3-FMA	24/11/2009	
Etaqualone Metaqualone	20/11/2009	
Ayahuasca	19/11/2009	

Page 1 of 8 (36 items) [1] 2 3 4 5 6 7 8

Contatti

alessandro.proposito@agenziadogane.it
cbettero@ciditech.it
crimondo@dronet.org
l.donofrio@governo.it
mauro.scenna@interno.it
teodora.macchia@iss.it
i.bulla@palazzochigi.it

Page 1 of 11 (74 items) [1] 2 ... 11

INBOX | OUTBOX | ALL

Main Mailing (INBOX)

Trascina una colonna qui per raggruppare...

Data	Da	A	Oggetto	Ct.	All.	Comandi
15/12/2009	teodora.macchia@iss.it;	allerta@allertadroga.it;	Re: adesioni al Sistema			Apri...
15/12/2009	g.serpelloni@governo.it;	allerta@allertadroga.it;	Re: adesioni al Sistema			Apri...
14/12/2009	teodora.macchia@iss.it;	allerta@allertadroga.it;	Re: adesioni al Sistema			Apri...

Fine Internet 100%

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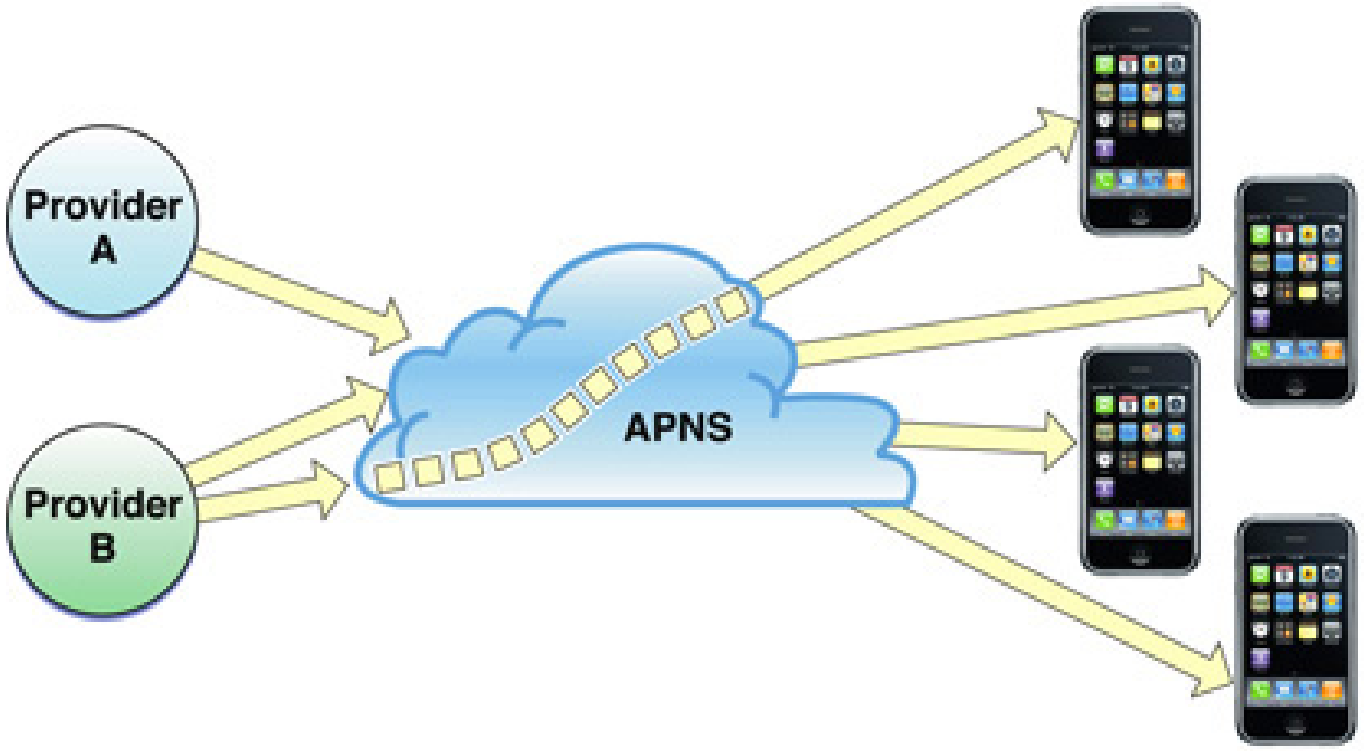
“iGDA” APPLICATION



- “Push“ functionality for institutional messages.
- The automatic sorting system sends alert notifications to users through their iPhone, warning them they have got mail.
- Users can display e-mails just with a click on their iPhone screen.
- They can immediately reply and send new e-mails, everywhere they are.
- They can always consult informatives, attentions and alerts

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NEW AREA UNDER OBSERVATION: INTERNET



1. Online drugstores
2. Online pharmacies
3. Forum, blog, chatroom, social network, ecc.

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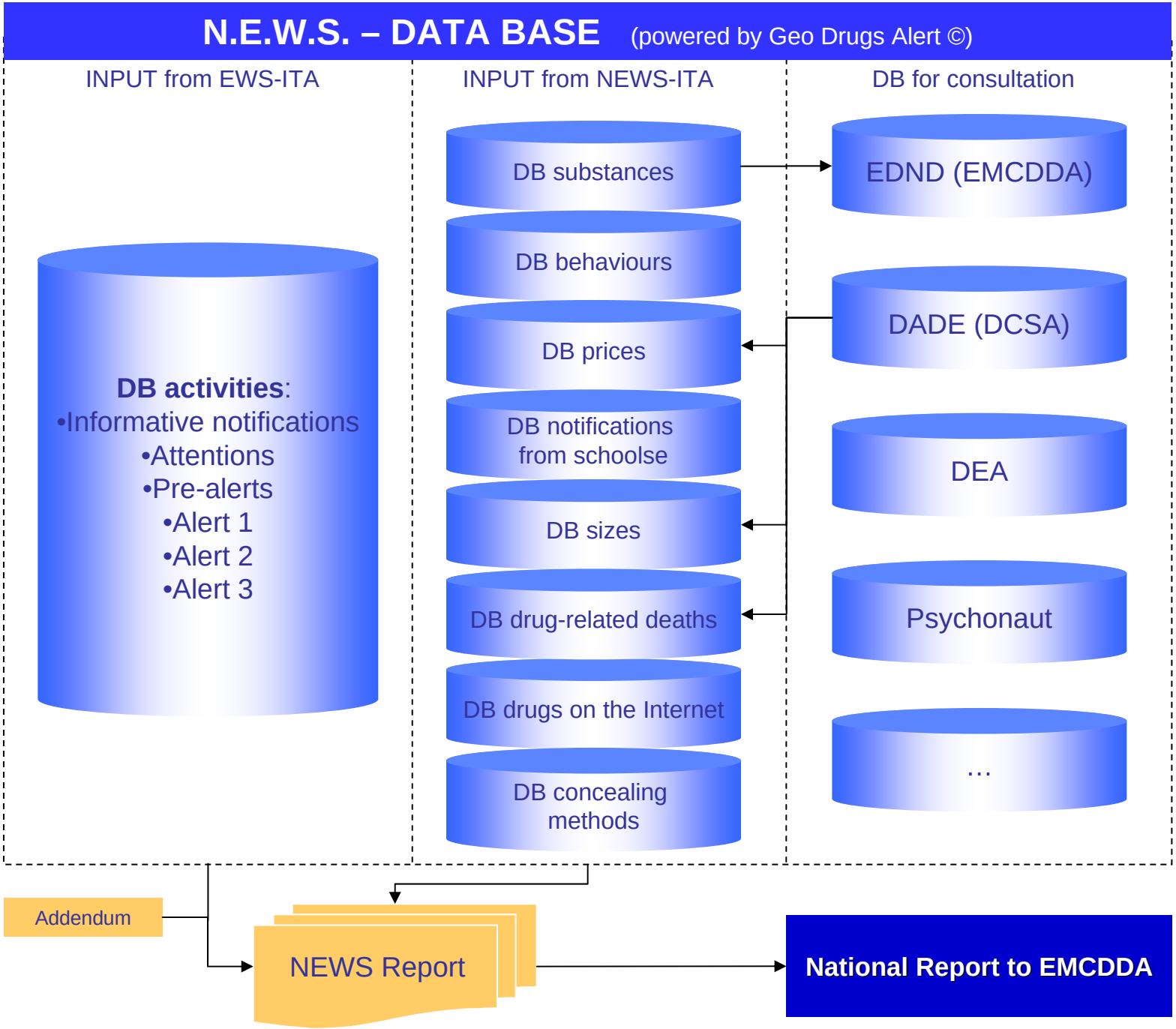

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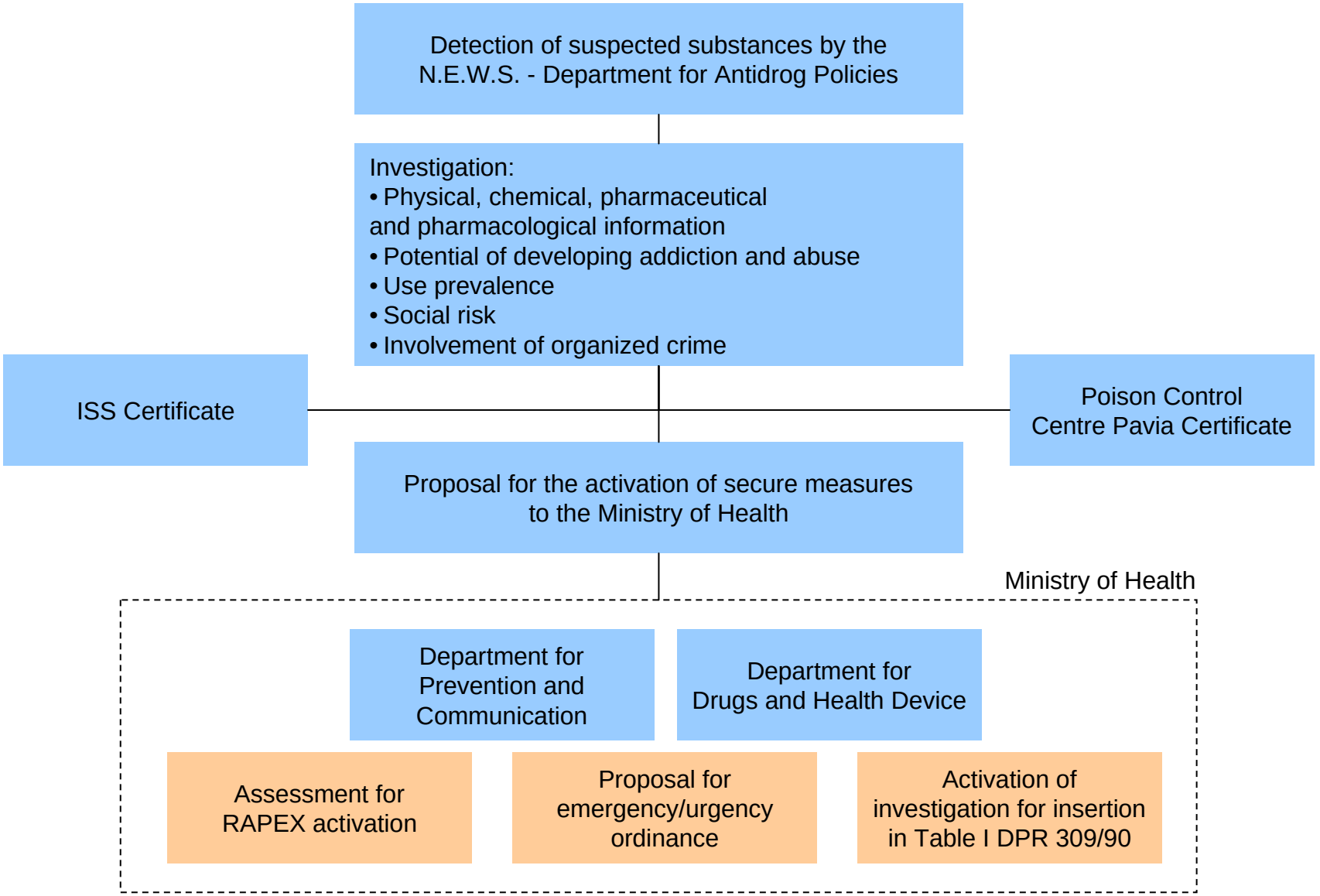
PROCEDURE TO PUT SUBSTANCES UNDER CONTROL (TABLE I D.P.R. 309/90)



NATIONAL EARLY WARNING SYSTEM

3 CASE STUDIES

SINTHETYC CANNABINOIDS JWH-018 AND JWH-073 IN PRODUCT NAMED “N-JOY”

March 2010
National Early Warning System

TABLETS OF MEPHEDRONE SEIZED IN ITALY

April 2010
National Early Warning System

INTOXICATION FOR HEROIN 6-MAM

Turin, May- August 2009
National Early Warning System

NATIONAL EARLY WARNING SYSTEM

ALERT LEVEL 2 – IDENTIFICATION OF SINTHETIC CANNABINOIDS JWH-018 AND JWH-073 IN PRODUCT NAMED “N-JOY”, PURCHASABLE ON THE INTERNET AND IN SMART SHOPS (26/02)

• In 5 days, since February 12th, 6 **cases of acute intoxication** have been recorded. Those cases needed admission to hospital after the consumption of an aromatic blend named “**n-Joy**”:
1 in Milan
4 in Venice
1 in Portogruaro

•Intoxicated subjects referred to have bought the bland on the **Internet and in smart shops**.

•2 of the N.E.W.S. Collaborative Centres (the Institute of Forensic Medicine of Verona and the Antidoping Laboratory of Orbassano (Turin)) collected the product and did **analitical tests**.



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•Results showed the presence of sinthetic cannabinoids **JWH-018** (1-pentyl-3-(1-naphthoyl)indole) and **JWH-073**.

•In the sample analyzed by the Verona laboratory, the total percentage of active principle was **4%.** In the sample analyzed by the Torino laboratory, the concentration of the active principle of JWH018 was **9%.**

•(03/03) Notification for the “S. Joseph Hospital”, in Milan about the admission in the Emergency Room of a boy with intoxication simthoms. He had smoked e herbal mixture bought in a smart shop. The product’s name was “**Spice**”.





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ALERT LEVEL 2
TABLETS OF MEPHEDRONE SEIZED IN ITALY (01/04)

1. Segnalati **5 sequestri** avvenuti tra gennaio e marzo 2010 di compresse contenenti **mefedrone**, una molecola di sintesi appartenente al gruppo dei derivati sintetici del catinone, analoghi delle fenetilamine.

2. Sequestri di mefedrone effettuati in **altri Paesi europei** sono stati recentemente segnalati anche dall'Osservatorio Europeo sulle Droghe e le Tossicodipendenze (OEDT).

3. Il mefedrone risulta essere la **quarta sostanza più utilizzata dai giovani inglesi** ed è in grado di provocare **effetti simili a quelli di altre droghe stimolanti**, comportando gravi rischi per la salute dei consumatori.

4. Sono **almeno 20 i casi di decesso** avvenuti nell'ultimo anno in Europa per i quali è stata **sospettata o rilevata la presenza di catinoni**, gruppo cui appartiene il mefedrone.

5. In **Italia**, nel mese di marzo, è stato **ricoverato a Milano** un uomo, giunto in ospedale in coma e con miosi, che ha dichiarato di aver assunto alcol, GHB e mefedrone.

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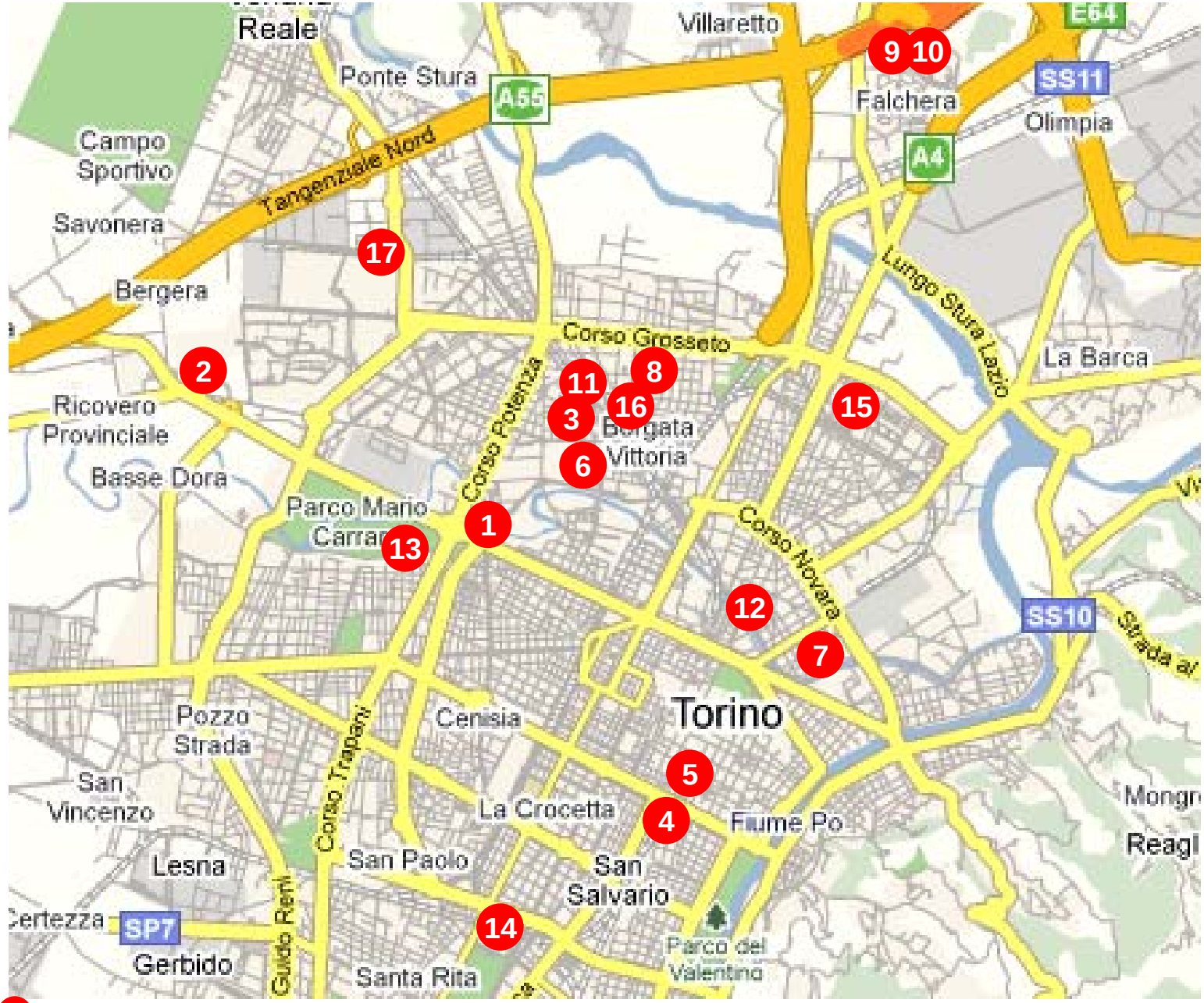
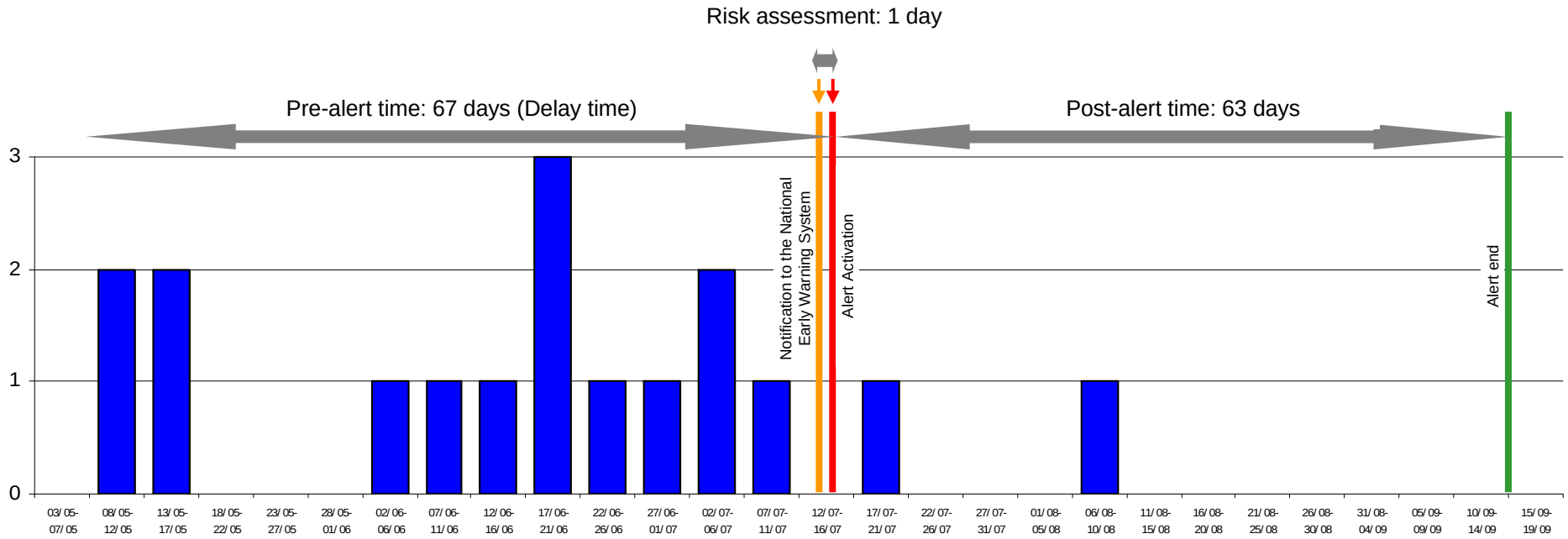
INTOXICATION FOR HEROIN (6-MAM): CASES LOCALIZATION



= Localizzazione del decesso

INTOXICATION FOR HEROIN (6-MAM): EVENTS



	Days	N. cases
Length of the phenomenon (frome the first case to the last one)	90	17
Time between the beguinning of the deceases and the notification to the N.E.W.S.	62	15
Time for the evaluation of the notification (risk assessment)	1	0
Total pre-alert time	67	15
Total post-alert time	63	2
Time between the las decease and the alert end	40	0

NATIONAL EARLY WARNING SYSTEM

Presidenza del Consiglio dei Ministri
SOTTOSEGRETARIO AVV. CARLO GIOVANARDI
DIPARTIMENTO POLITICHE ANTIDROGA
SISTEMA NAZIONALE DI ALLERTA PRECOCE E RISPOSTA RAPIDA PER LE DROGHE
N.E.W.S. NATIONAL EARLY WARNING SYSTEM - EMCDDA ITALIAN FOCAL POINT
ewsita@governo.it
CAPO DIPARTIMENTO DOTT. GIOVANNI SERPELLONI

NATIONAL EARLY WARNING SYSTEM

N.E.W.S.

SISTEMA NAZIONALE DI ALLERTA PRECOCE E RISPOSTA RAPIDA PER LE DROGHE

GRAZIE PER L'ATTENZIONE

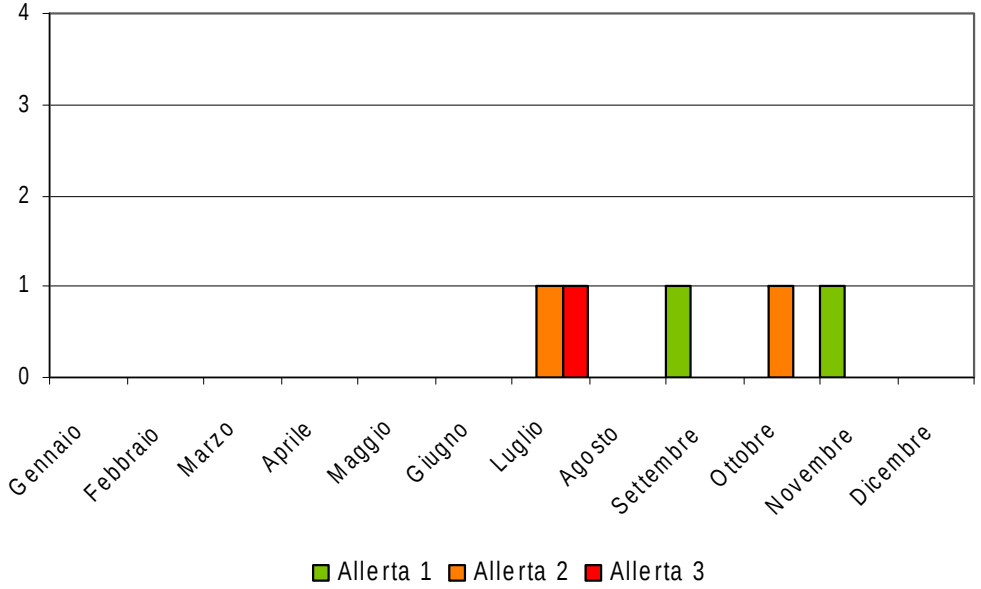
NATIONAL EARLY WARNING SYSTEM

PRINCIPALI ATTIVITA' DEL NATIONAL EARLY WARNING SYSTEM

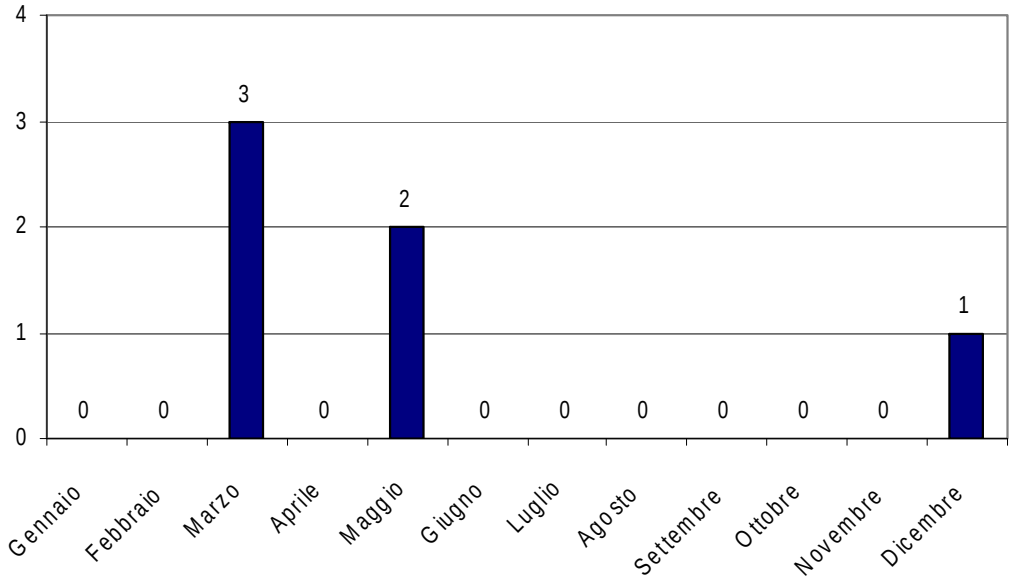
ANNO 2009

NATIONAL EARLY WARNING SYSTEM

N. Allerte di grado 1 – 2 – 3 attivate (5)



N. Pre-allerte attivate (6)



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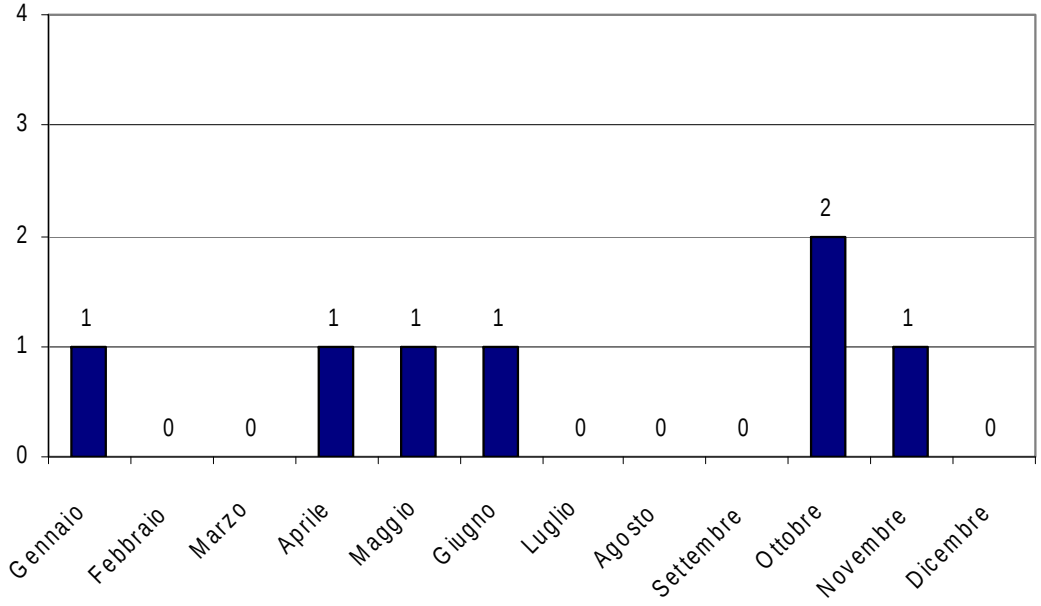
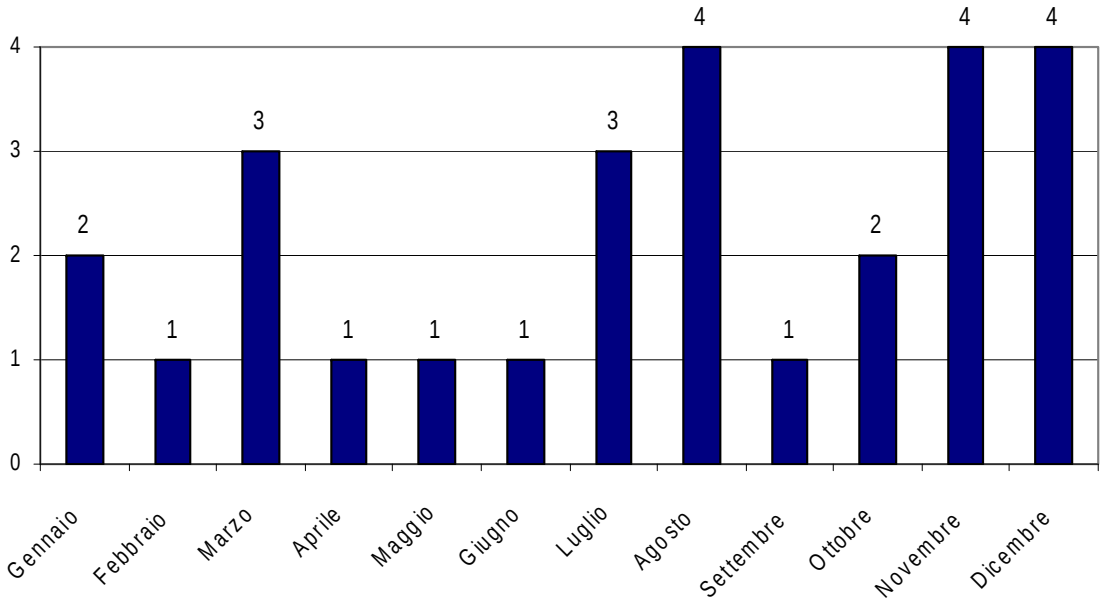
N. Attenzioni inviate ai Centri Collaborativi (7)



N. Informative inviate (27)



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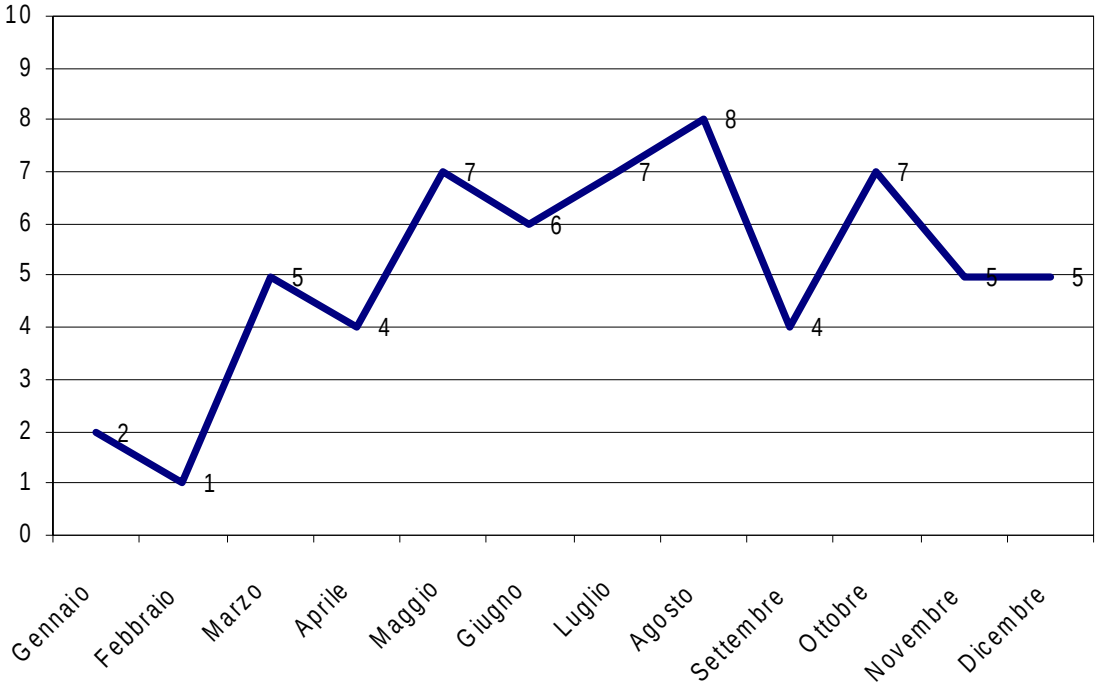
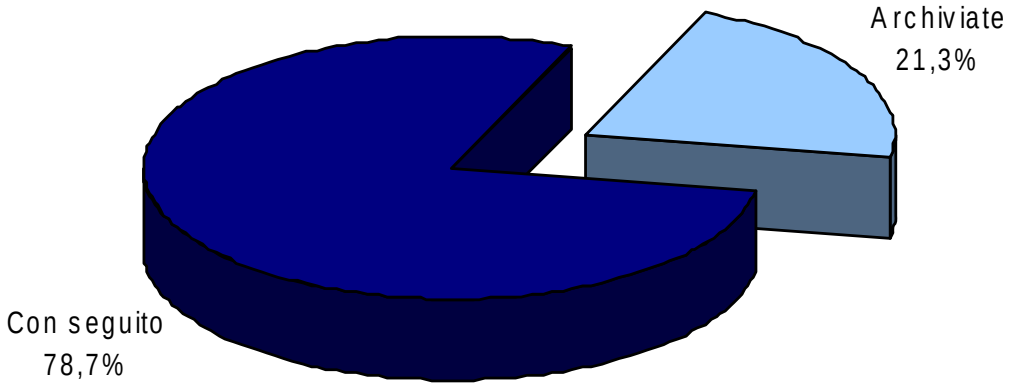
Trend delle segnalazioni ricevute (Tot. segnalazioni = 61)



Evoluzione delle segnalazioni



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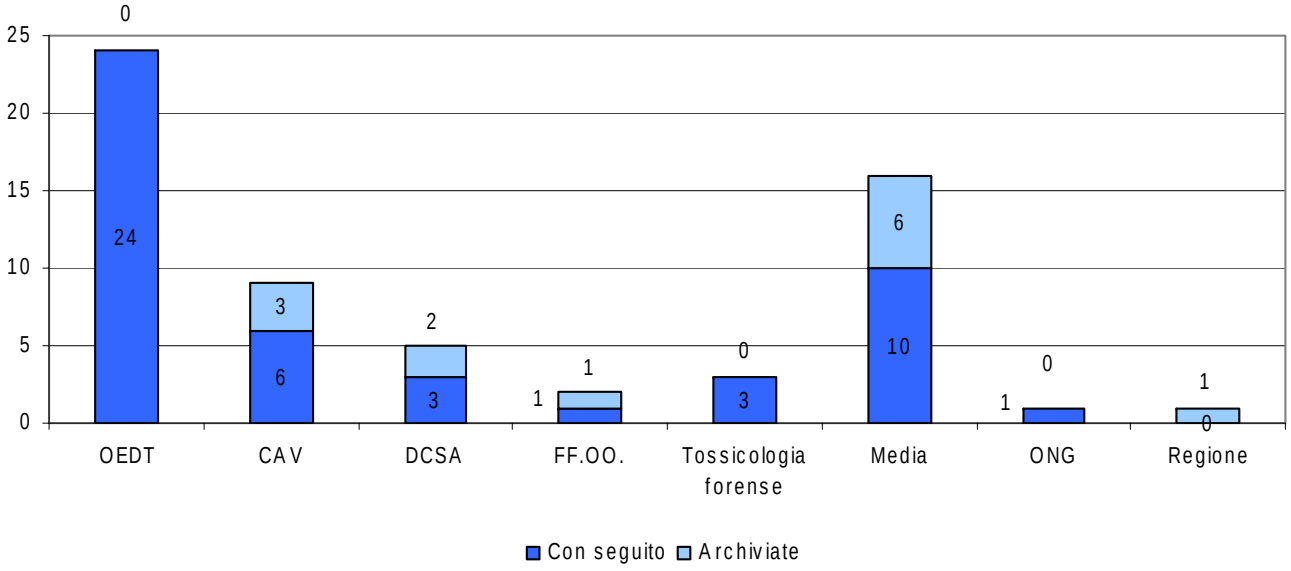
Mittenti delle segnalazioni



Sviluppo delle segnalazioni

