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# Internet & Drugs on line

## Advanced Early Warning System Research



ADVANCED  
Early Warning System  
RESEARCH

Claudia Rimondo, EU project I-SEE - NPS EWS system  
Elisabetta Bertol, UNIFI – TS, Giovanni Serpelloni URITON





**Shrooms**

Shrooms are the most powerful and most popular of all mushrooms. They are known for their ability to enhance creativity, improve memory, and increase focus. Shrooms are also known for their ability to reduce stress and anxiety, and to improve mood.

Shrooms are available in a variety of forms, including whole mushrooms, dried mushrooms, and mushroom powder. They can be consumed in a variety of ways, including cooking with them, brewing them into tea, or taking them as a supplement.

Shrooms are a natural and safe way to enhance your mental and physical health. They are a great addition to any diet, and they can help you achieve your goals and improve your life.

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# Index

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2. Main objectives of the system
3. Scientific collaborations
4. Internet NPS supply
5. Internet monitoring
6. Activities of the system
7. NPS database
8. Previous experiences
9. Web site



# Background: increasing number of NPS available

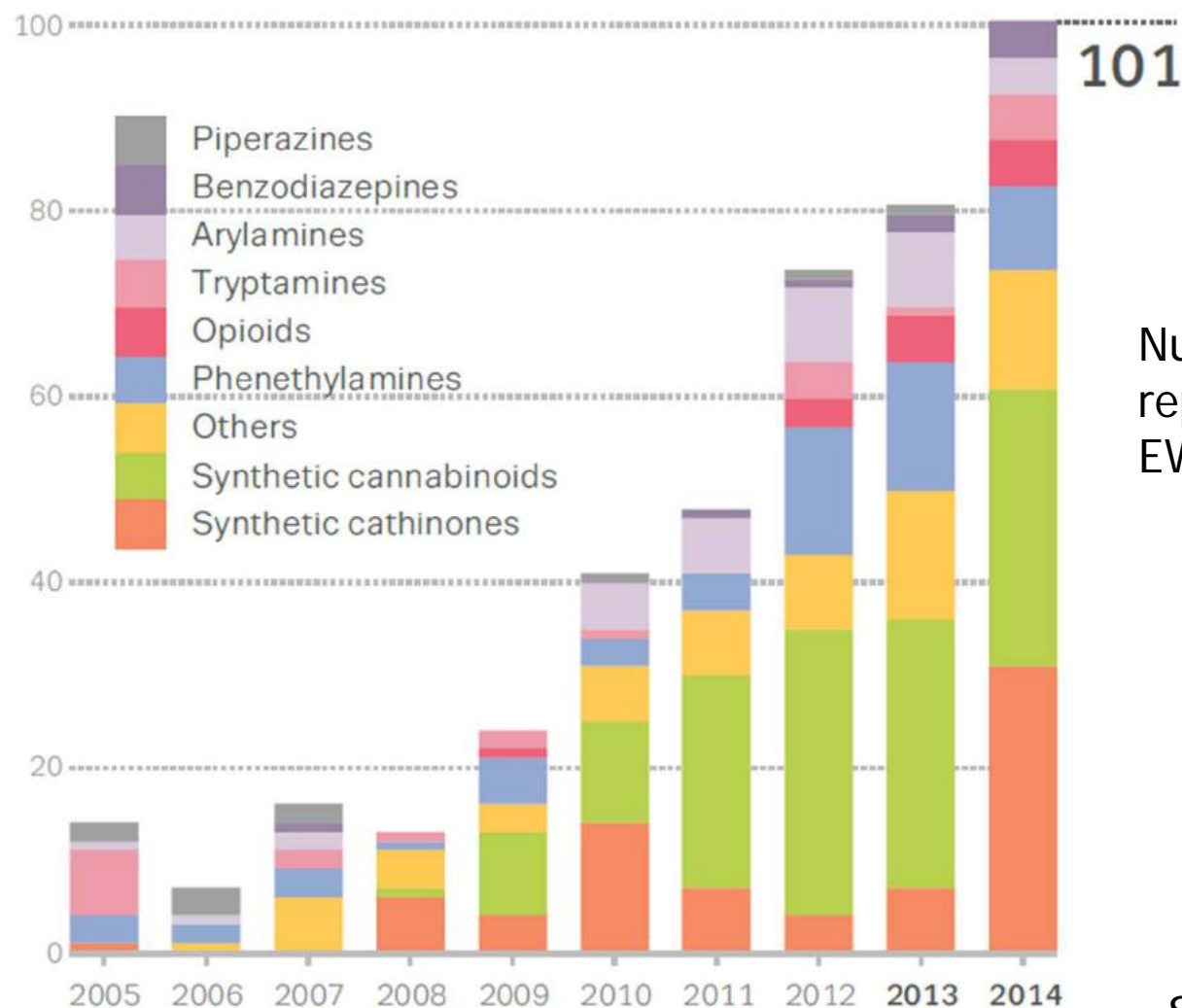
**Global emergence of new psychoactive substances up to December 2015:**



Source: United Nations Office on Drugs and Crime, Early Warning Advisory on NPS, 2015



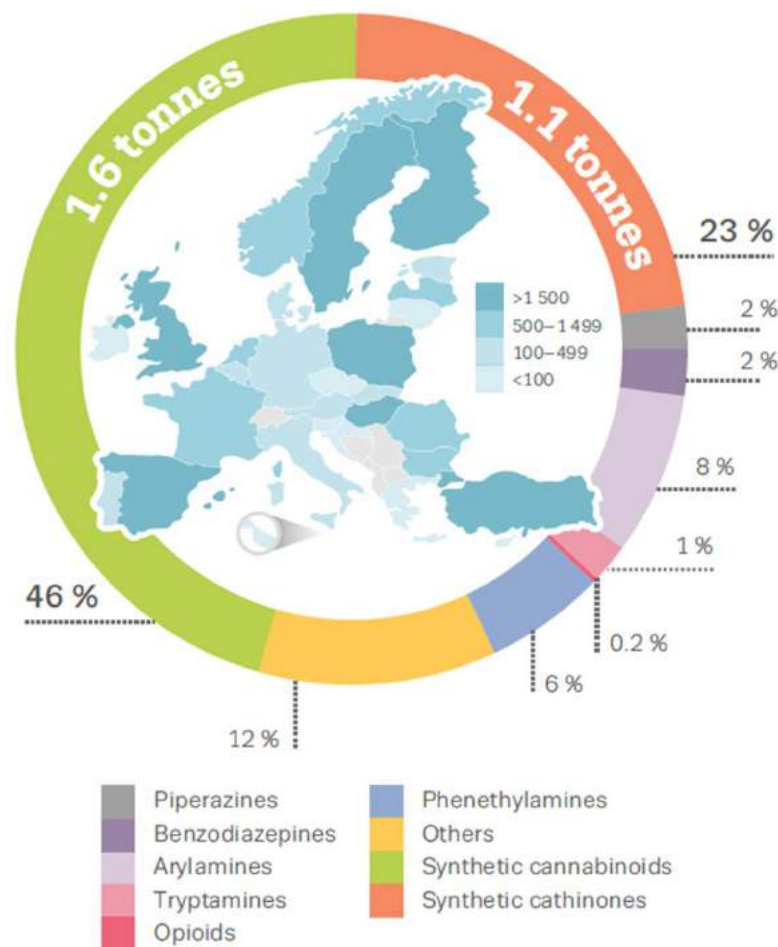
# Background: increasing number of NPS available



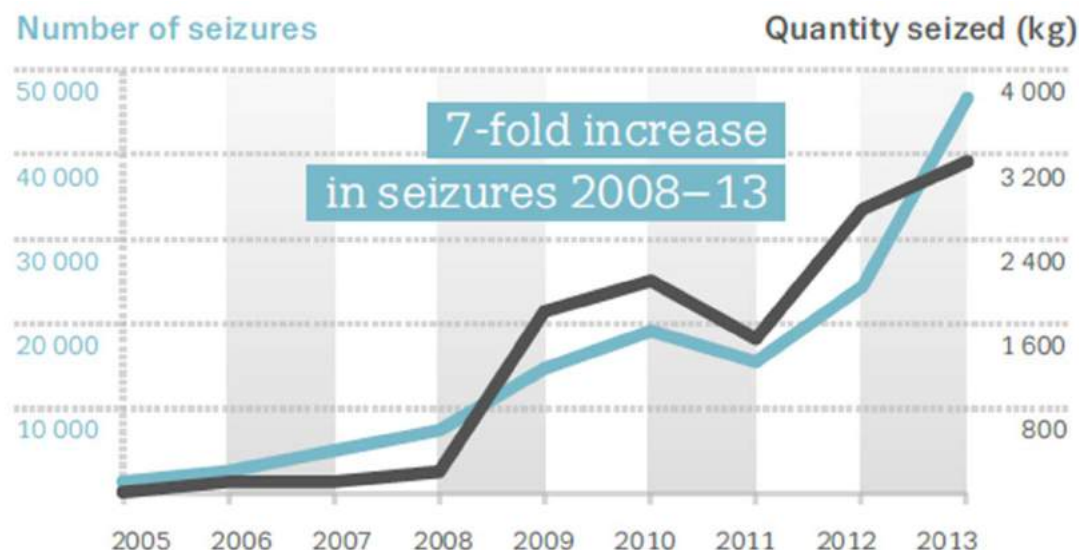
Source: EMCDDA, 2015



# Background: increasing number of NPS available



Number of seizures of new psychoactive substances per country (map) and proportion of seizures by category of substance (pie chart), 2013

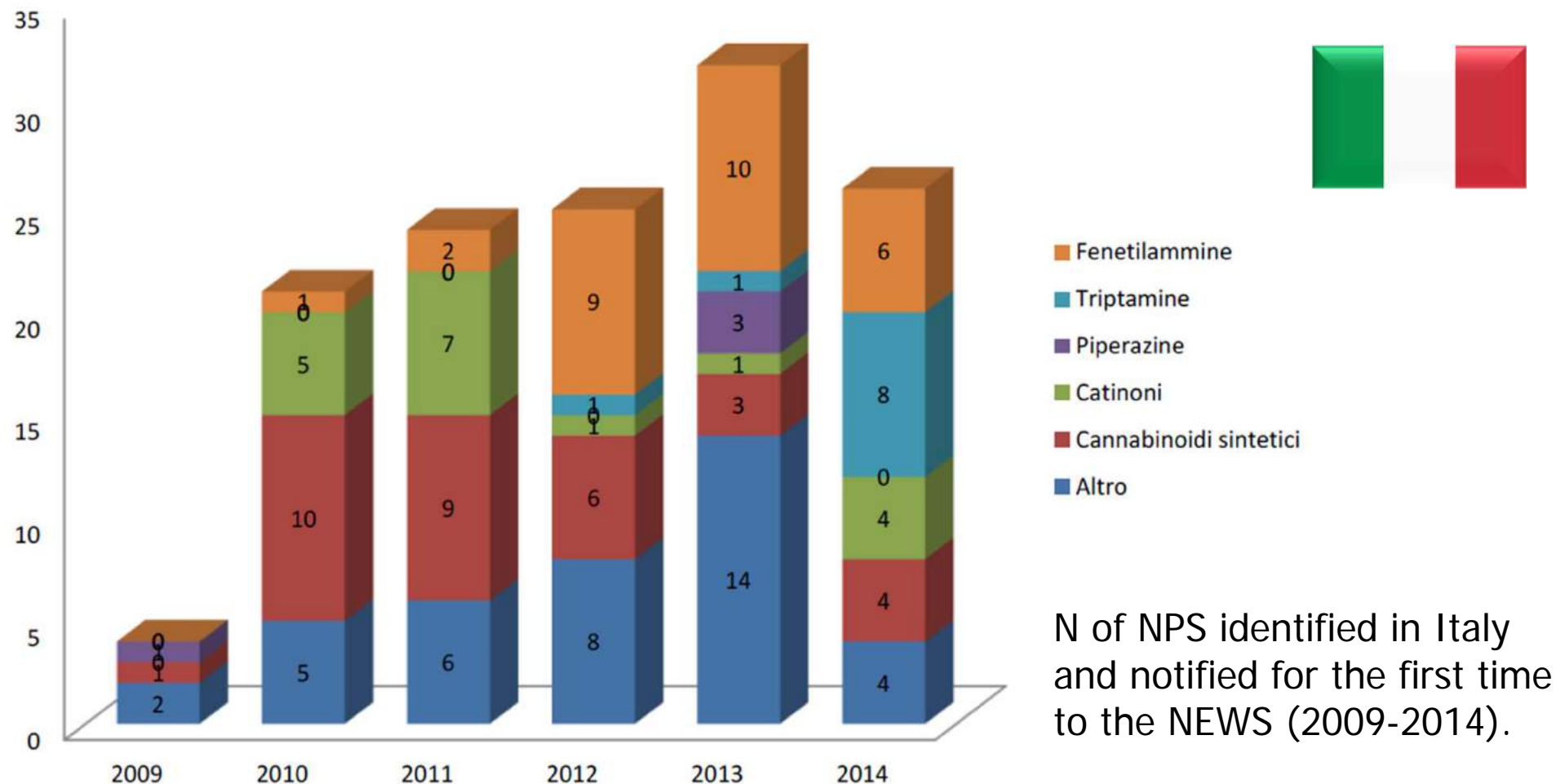


Number of seizures of new psychoactive substances and quantity seized, 2005–13

Source: EMCDDA, 2015



## Background: increasing number of NPS available



Source: Italian Early Warning System – Verona Unit, 2015





N	Data	Origine	Segnalante	Oggetto
101	15/04/2014	Nazionale	Forze dell'Ordine	DOC
102	17/04/2014	Nazionale	Forze dell'Ordine	25C-NBOMe e 25H-NBOMe psilocina e psilocibina
103	21/04/2014	Nazionale	Forze dell'Ordine	diacetilmorfina cocaina metorfano caffeina 2 cloridifenilmetano
104	23/04/2014	Nazionale	Forze dell'Ordine	eroina monoacetilmorfina metorfano caffeina paracetamolo
105	23/04/2014	Nazionale	Laboratorio Analisi	Aggiornamento decessi torino
106	24/04/2014	Nazionale	Laboratorio Analisi	Insicazione acuta THC
107	24/04/2014	Nazionale	Forze dell'Ordine	JWH-018 adamantil-derivato
108	29/04/2014	Internazionale	OEDT	5F-AMBICA
109	29/04/2014	Nazionale	Forze dell'Ordine	5F-AMBICA
110	30/04/2014	Nazionale	Forze dell'Ordine	alfa-PVP
111	30/04/2014	Nazionale	Forze dell'Ordine	pentedrone_iso-pentedrone_etilfenidato
112	30/04/2014	Nazionale	Forze dell'Ordine	25i-NBOMe
113	30/04/2014	Nazionale	Struttura Sanitaria	decessi_OVD Cagliari
114	30/04/2014	Nazionale	Forze dell'Ordine	THC_Pentedrone_JWH-122_amfetamina_3-MMC_MDMA_MDPV_4-FA_etilcatinone_4-MEC_AM-2201_Metossietamina_etilfenidato_5-EAPB_Metilone
115	02/05/2014	Nazionale	CAV Pavia	intox_atropina_scopolamina_THC_ketamina
116	03/05/2014	Nazionale	Forze dell'Ordine	cocaina_tetramisolo_metorfano
117	08/05/2014	Nazionale	Forze dell'Ordine	AB-Fubinaca, BB-22, 25i-NBOMe, alfa-PVP, GBL, MPDV, MXE, 5-MeO-MIPT, Etizolam, AKB-48, 2C-P
118	08/05/2014	Internazionale	OEDT	2-Methylmethcathinone
119	08/05/2014	Internazionale	OEDT	Allerta_2-MeO-diphenidine
120	10/05/2014	Nazionale	Forze dell'Ordine	Marijuana
121	15/05/2014	Internazionale	OEDT	Alert_6_non-fatal intoxications_methamphetamine_LSD
122	17/05/2014	Nazionale	Forze dell'Ordine	cocaina_tetramisolo
123	19/05/2014	Nazionale	Forze dell'Ordine	2C-B
124	19/05/2014	Nazionale	Forze dell'Ordine	mefedrone
125	20/05/2014	Nazionale	Forze dell'Ordine	cocaina_levamisolo
126	20/05/2014	Nazionale	Struttura Sanitaria	Sospetta intox NSP
127	03/06/2014	Internazionale	OEDT	4-Methylpentedrone
128	04/06/2014	Nazionale	Forze dell'Ordine	cocaina_tetramisolo
129	06/06/2014	Nazionale	Media	spaccio via internet
130	07/06/2014	Nazionale	Forze dell'Ordine	cocaina_tetramisolo
131	08/06/2014	Nazionale	Forze dell'Ordine	mitragina
132	09/06/2014	Nazionale	Laboratorio Analisi	AM-694
133	09/06/2014	Nazionale	Forze dell'Ordine	MDPV_MPA
134	10/06/2014	Nazionale	Forze dell'Ordine	cocaina_tetramisolo
135	12/06/2014	Nazionale	Forze dell'Ordine	25i-NBOMe
136	18/06/2014	Nazionale	Forze dell'Ordine	25i-NBOMe_25H-NBOMe_25C-NBOMe
137	19/06/2014	Nazionale	Forze dell'Ordine	cocaina_levamisolo
138	19/06/2014	Internazionale	OEDT	5F-AMB
139	19/06/2014	Internazionale	OEDT	JWH-071
140	19/06/2014	Internazionale	OEDT	NEDPA_NPDPA
141	20/06/2014	Nazionale	Forze dell'Ordine	cocaina_tetramisolo
142	20/06/2014	Internazionale	OEDT	dipentylone
143	20/06/2014	Internazionale	OEDT	EG-018
144	24/06/2014	Internazionale	OEDT	4-fluoropentedrone
145	26/06/2014	Nazionale	Forze dell'Ordine	etilfenidato_cocaina_mannitolo
146				eroina
147	26/06/2014	Nazionale	Forze dell'Ordine	MDAI_4-MEC_1fledrone_4-FMA
148	28/06/2014	Nazionale	Forze dell'Ordine	ibuprofene_cocaina_eroina_6-MAM
149	29/06/2014	Nazionale	Forze dell'Ordine	Levamisolo_paracetamolo_caffeina_cocaina
150	04/07/2014	Nazionale	Forze dell'Ordine	Metorfano in eroina

N	Data	Origine	Segnalante	Oggetto
151	04/07/2014	Internazionale	OEDT	25i-NBOMe_2C-B_intoxication
152	07/07/2014	Nazionale	Media	Media_OVD_Bologna
153	09/07/2014	Nazionale	Forze dell'Ordine	THC alto
154	09/07/2014	Internazionale	OEDT	3-MEC
155	09/07/2014	Internazionale	OEDT	MN-18
156	10/07/2014	Nazionale	Forze dell'Ordine	Tetramisolo cocaina
157	15/07/2014	Nazionale	Media	Raffineria_mefedrone_Pescara
158	18/07/2014	Internazionale	OEDT	FUB-AKB-48
159	21/07/2014	Nazionale	Forze dell'Ordine	Metronidazolo e Metorfano in campioni di Eroina
160	24/07/2014	Nazionale	Laboratorio Analisi	TF_Padova_eroina_caffeina
161	01/08/2014	Nazionale	Forze dell'Ordine	Marche_Bufotenina in semi di YOPO
162	04/08/2014	Internazionale	OEDT	AB-FUBINACA 2-fluorobenzyl isomer
163	04/08/2014	Internazionale	OEDT	Clephedrone
164	05/08/2014	Nazionale	Forze dell'Ordine	Potenza_hashish_alto_THC
165	06/08/2014	Nazionale	Forze dell'Ordine	Brescia_4-Mec_a-PVP_6-APB
166	08/08/2014	Nazionale	Forze dell'Ordine	Ancona_resina_JWH-018
167	19/08/2014	Nazionale	Forze dell'Ordine	Ancona_Levamisolo
168	20/08/2014	Internazionale	OEDT	2-EAPB_5-MeO-NIPT_4-MeO-α-PBP_Meclozepam
169	20/08/2014	Internazionale	OEDT	N-methyl-N-ethyltryptamine (MET)
170	24/08/2014	Nazionale	Forze dell'Ordine	Laives_Metorfano_Eroina
171	26/08/2014	Nazionale	Forze dell'Ordine	Laives_cocaina_aminopirina
172	26/08/2014	Nazionale	Forze dell'Ordine	Laives_crema_marijuana
173	26/08/2014	Nazionale	Forze dell'Ordine	Torino_25i-NBOMe
174	27/08/2014	Nazionale	Forze dell'Ordine	Torino_cannabis_alto_THC
175	29/08/2014	Nazionale	Forze dell'Ordine	Torino_piracetam_eroina
176	04/09/2014	Internazionale	OEDT	fentanyl butanamide analogue
177	04/09/2014	Internazionale	OEDT	NM-2201 and Deschloroetizolam
178	08/09/2014	Internazionale	OEDT	5F-SDB-005
179	10/09/2014	Internazionale	OEDT	W-18
180	12/09/2014	Internazionale	OEDT	ADB-CHMINACA and MDMB-CHMICA
181	12/09/2014	Internazionale	OEDT	α-PBT and 4F-PEP
182	13/09/2014	Nazionale	Forze dell'Ordine	Brescia_eroina_metorfano
183	18/09/2014	Internazionale	OEDT	3F-Phenmetrazine
184	18/09/2014	Nazionale	Struttura Sanitaria	Sert_BZ_Setticemie
185	19/09/2014	Internazionale	OEDT	Acetylentanyl and 3,4-MDPA
186	22/09/2014	Internazionale	OEDT	α-pyrrolidinooctanophenone
187	23/09/2014	Nazionale	Forze dell'Ordine	Ancona_Scopolamina
188	23/09/2014	Internazionale	OEDT	six new psychoactive substances
189	26/09/2014	Internazionale	OEDT	Adrafinil
190	30/09/2014	Nazionale	Forze dell'Ordine	Agenzia_Dogane_Roma_3-MMC
191	07/10/2014	Nazionale	Laboratorio Analisi	TOX_Cattolica_bk-2C-B, 3-MMC, etilfenidato
192	17/10/2014	Nazionale	Forze dell'Ordine	Agenzia_Dogane_Roma_MDMA al posto di eroina
193	17/10/2014	Internazionale	OEDT	5-APB NBOMe, 4-MMA NBOMe, 4-EA NBOMe and 3,4-DMA NBOMe
194	20/10/2014	Internazionale	OEDT	4-methyl-N,N-diethylcathinone
195	20/10/2014	Internazionale	OEDT	1 serious non-fatal intoxication associated with butyrfentanyl in Sweden
196	20/10/2014	Internazionale	OEDT	alloqualone
197	20/10/2014	Internazionale	OEDT	Flubromazepam
198	21/10/2014	Nazionale	CAV	CAV_Pavia_due OVD_Como_Lecco
199	21/10/2014	Internazionale	OEDT	Death associated with α-PVT in Sweden
200	22/10/2014	Nazionale	Forze dell'Ordine	LASS_Milano_metilone





## Background: high number of NPS clinical intoxications



2014: 256 patients with symptomatology related to NPS consumption admitted to ER



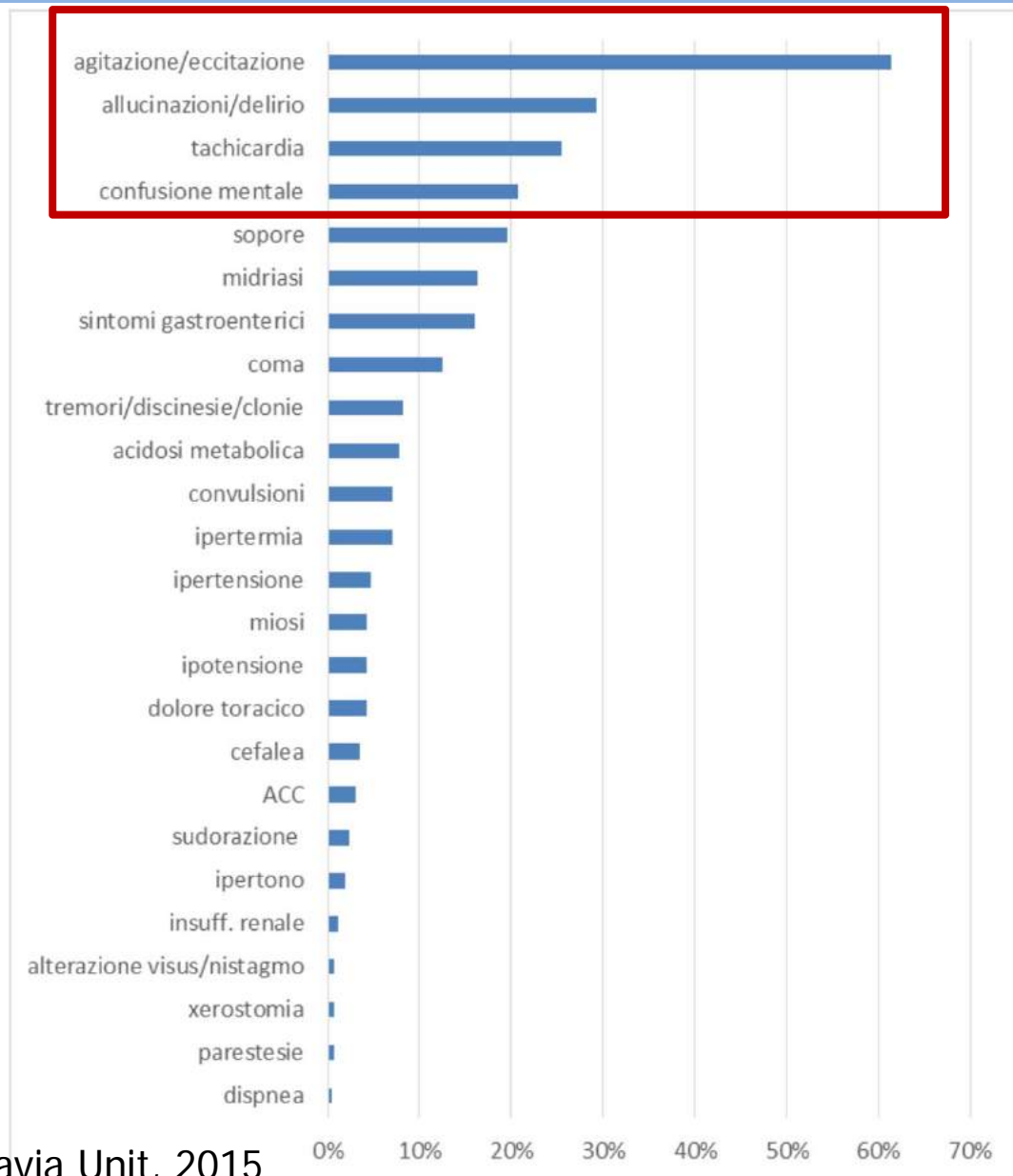
NPS used: synthetic cannabinoids and cathinones, phenetilamines, methoxetamine, ketamine, amphetamine like, etc.



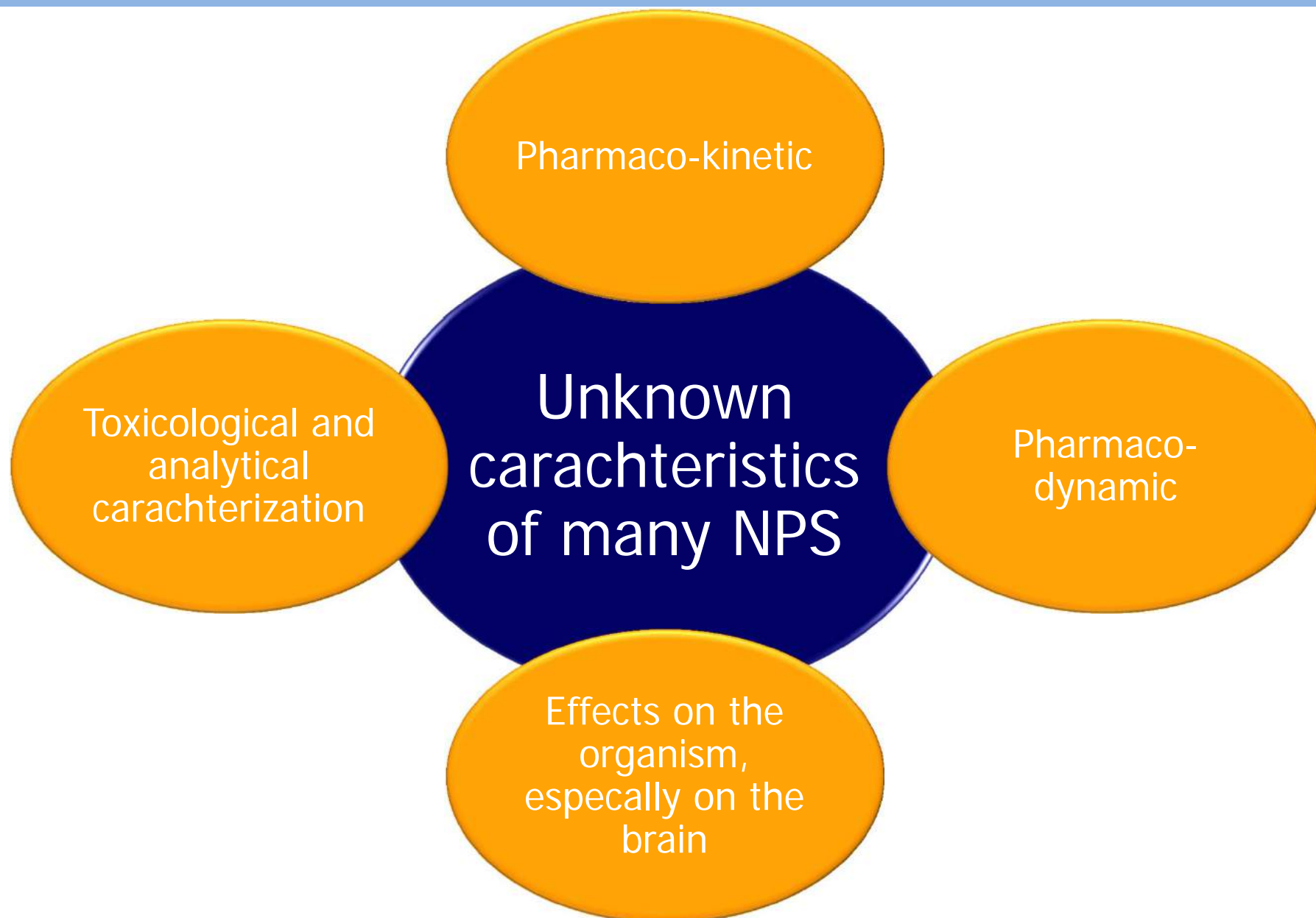
In 93 cases, patients were not aware about the substances they had taken



Background: high  
number of NPS  
related intoxications



Source: Italian Early Warning System – Pavia Unit, 2015

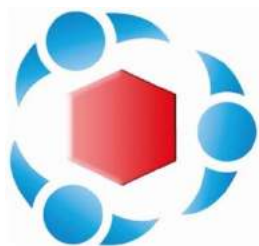






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# I-SEE

## European Project on New Psychoactive Substances

Coordinator: Forensic Toxicology, UNIFI



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Co-funded by the Prevention of and Fight against  
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JUST/2013/ISEC/DRUGS/AG/6426



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Beneficiary partners: Slovenia and Croatia

NIJZ

National Institute  
of Public Health



Ministry of Interior  
Republic of Slovenia

  
DrogArt



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SCHOOL OF  
MEDICINE



# Main objectives

1. Early detection of NPS in seized, biological and collected samples (including on line supply)





# Main objectives

2. Development of new analytical methods to identify NPS and their metabolites

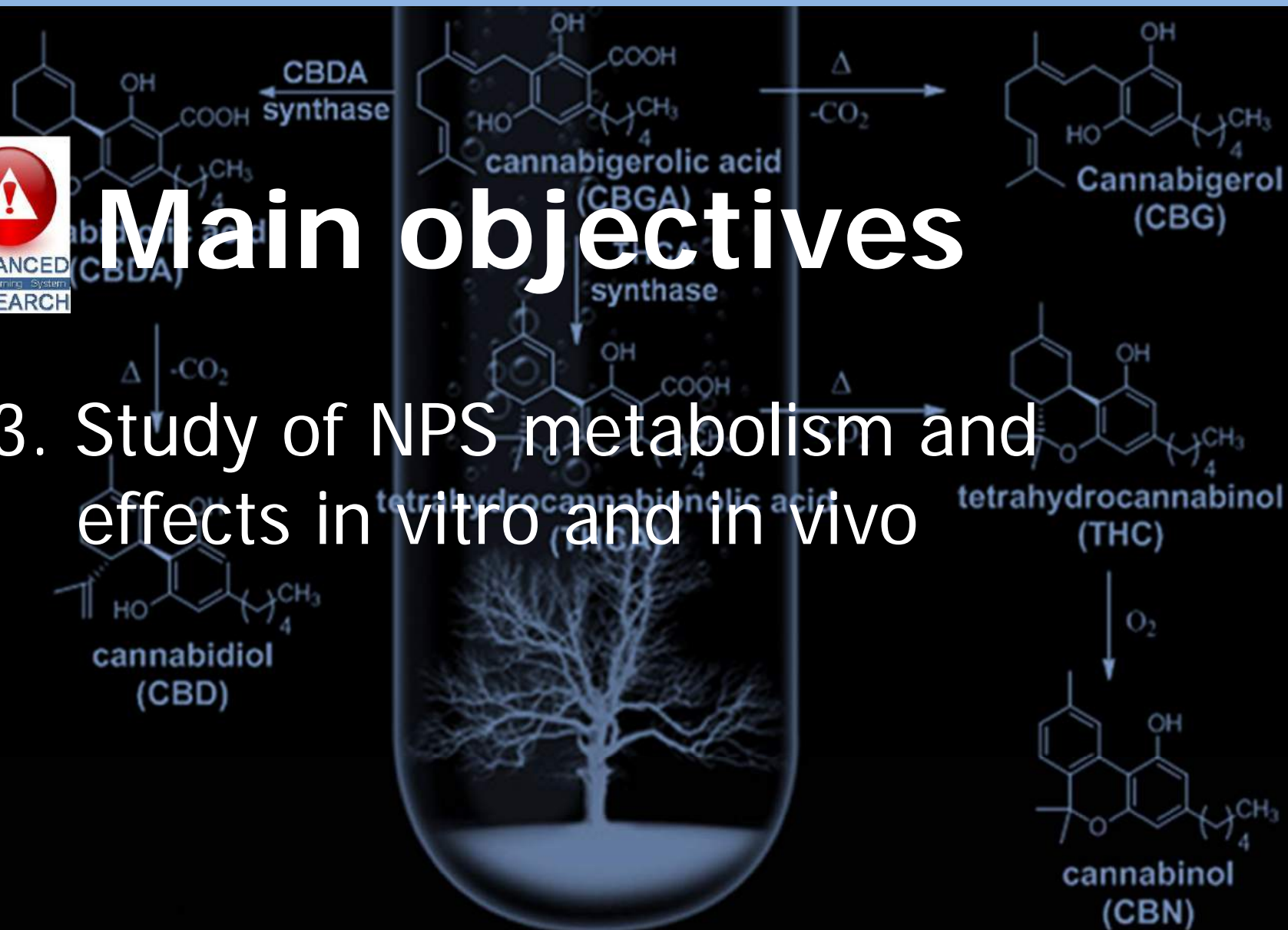






# Main objectives

## 3. Study of NPS metabolism and effects in vitro and in vivo





# Main objectives

4. Sharing scientific results and information with collaborating network and NPS Database



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# Scientific collaborations



In progress







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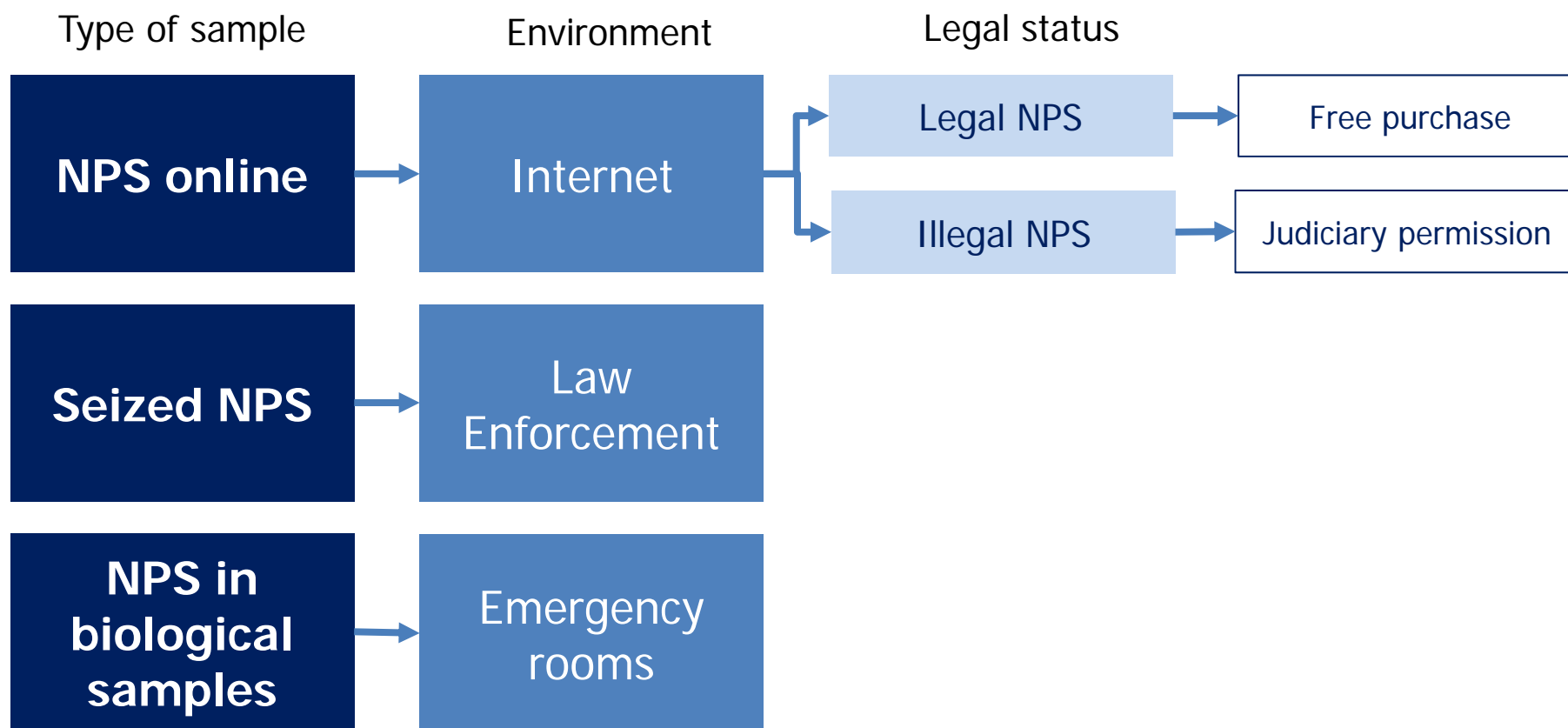
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# Internet NPS supply: substances collection



# Type of samples and NPS collection







# Constant monitoring of NPS Internet supply











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# What to monitor online to early discover NPS?



1. Websites openly selling NPS



2. Websites selling camouflaged NPS



3. Websites selling medical drugs (online pharmacies)



4. Blog, forum, social network dealing with NPS and updated by drug users



5. Deep web and Darknet



Site: en.pharma-chem.biz  
Address: Nr 20, Sankiang Long, Suzhou City, Jiangsu Province, China

FORM FEEDBACK CONTACT US

### New Products

<b>5-Meo-MIPT</b> 	<b>MN-24/5F-MN-24</b> 	<b>C30-NBOME</b> 	<b>RH-34</b> 	<b>MT-45</b> 
<b>BB-22</b> 	<b>AB-PINACA</b> 	<b>AB-FUBINACA</b> 	<b>2NE-1</b> 	<b>5-APDB</b> 
<b>5-APB</b> 	<b>Methylone (big crystal)</b> 	<b>4-MBC</b> 	<b>alpha-PVT</b> 	<b>MPBP</b> 

### Hot Products

<b>BB-22/5F-BB-22</b>	<b>AKB48/5F</b>	<b>MN-24/5F-MN-24</b>	<b>alpha-PVT</b>	<b>alpha-PVT</b>
-----------------------	-----------------	-----------------------	------------------	------------------

JWH-018 JWH-250 JWH-018 JWH-073 JWH-200 JWH-250 TFMP 2C-E, 2C-I, 2C-P, 2C-C, 2C-T-2 DOC, DO

**kanunico** Torino

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### JWH-018 JWH-250 JWH-018 JWH-073 JWH-200 JWH-250 TFMP 2C-E, 2C-I, 2C-P, 2C-C, 2C-T-2 DOC, DO

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The Front Page

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You may have to register before you can post: click the register link above to proceed. To start viewing messages, select the forum that you want to visit from the selection below.

### FORUMS

Focus Forums	Australia & Asia
Drug FAQs	Australian Drug Discussion
MDMA & Empathogenic Drugs	Australian Social & Events
Cannabis Discussion	Europe & Africa
Performance	European Drug Discussion
Enhancing Drugs	Other Drugs
Psychedelic Drugs	European Events
Other Drugs	
Vaping Discussion	

### THE FRONT PAGE

February 12th: BlueLight goes "black" in memoriam

by [Retardant](#) / [grrrr](#) Published on 12-02-2018 06:52

Fifteen years ago today BlueLight Quicksilver passed away.

For those who didn't know Ryan ...

58 Comments Read More

**Silk Road**  
anonymous marketplace

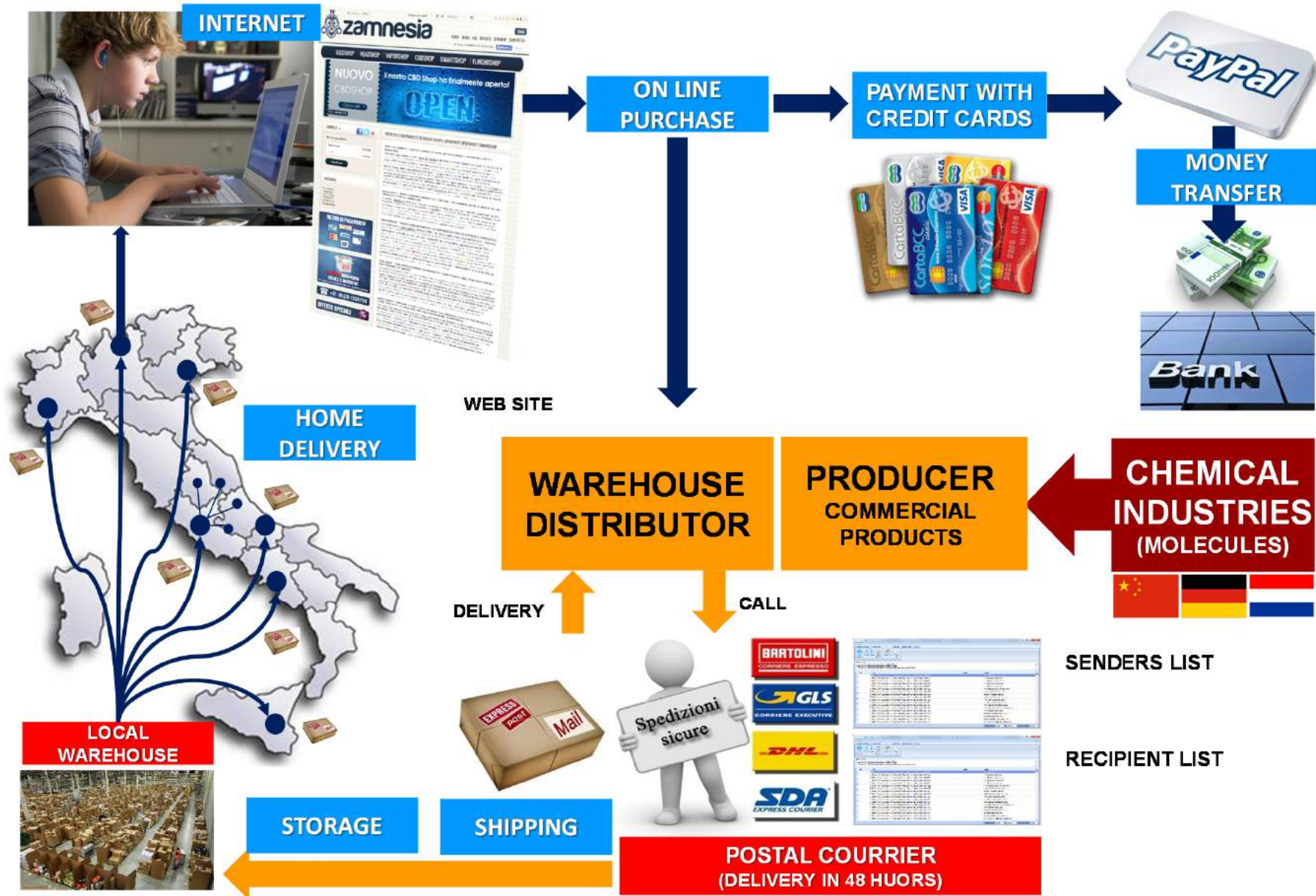
messages(0) | orders(0) | account

Shop by category:

- Drugs(1257)
- Cannabis(402)
- Ecstasy(89)
- Dissociatives(47)
- Psychedelics(145)
- Opioids(94)
- Stimulants(119)
- Other(142)
- Benzos(93)
- Lab Supplies(23)
- Digital goods(101)
- Services(107)
- Money(72)
- Weaponry(9)
- Home & Garden(4)
- Food(1)
- Electronics(12)
- Books(85)
- Drug paraphernalia(45)
- XXX(52)
- Medical(3)
- Computer equipment(19)
- Apparel(9)
- Sporting goods(3)
- Tickets(1)
- Forgeries(14)
- Fireworks(2)

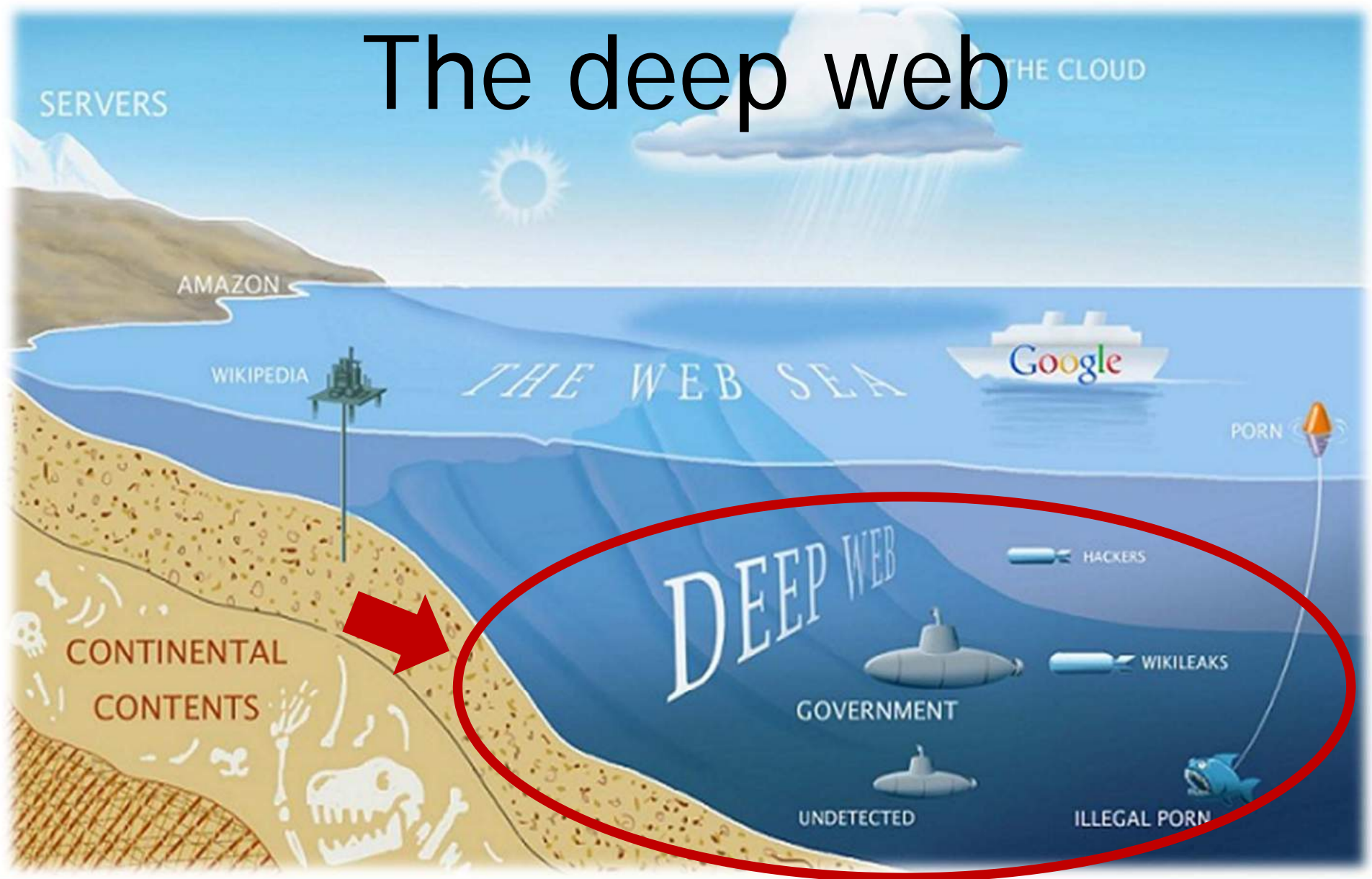
<b>DutchShop</b> 1-10-2011 5 gram Super Polm Platinum Maroc... <b>840.71</b>	<b>1 Gram - MDMA Crystalline Powder...</b> <b>823.69</b>	<b>RUSTY</b> OCT 24 2011 22 hits of Flying Key 70 mics <b>845.23</b>
<b>Com Cob Pipe Standard</b> pipe size <b>82.15</b>	<b>Mushroom Indoor Growing - Easy...</b> <b>80.73</b>	<b>Quantum Mechanics 220</b> books <b>82.26</b>
<b>Roxicodone - 30mg IR</b> round blue... <b>88.84</b>	<b>Never Get Raided :Never Get Busted...</b> <b>82.40</b>	<b>High Quality Sgr pure</b> MDMA crystal <b>878.29</b>







# The deep web







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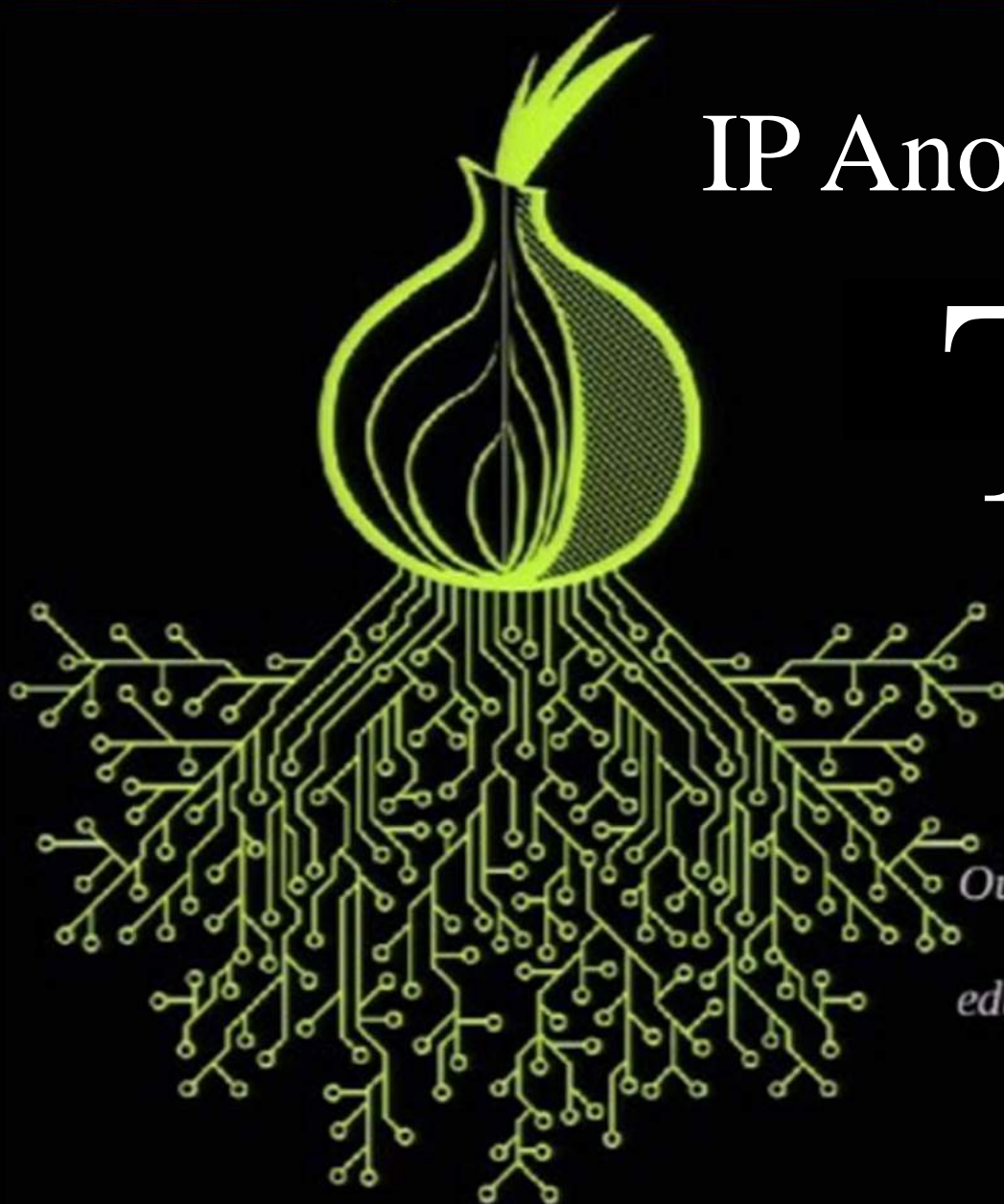
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# IP Anonymization tool:

# TOR



*Our mission is to be the global resource for technology, advocacy, research and education in the ongoing pursuit of freedom of speech, privacy rights online, and censorship circumvention.*

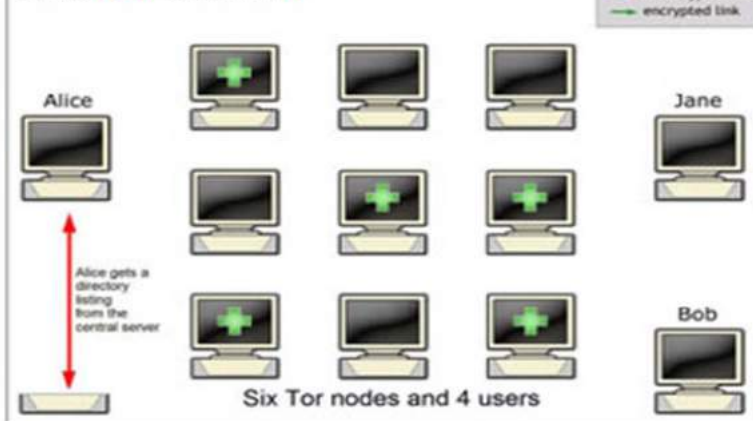




# TOR NETWORK

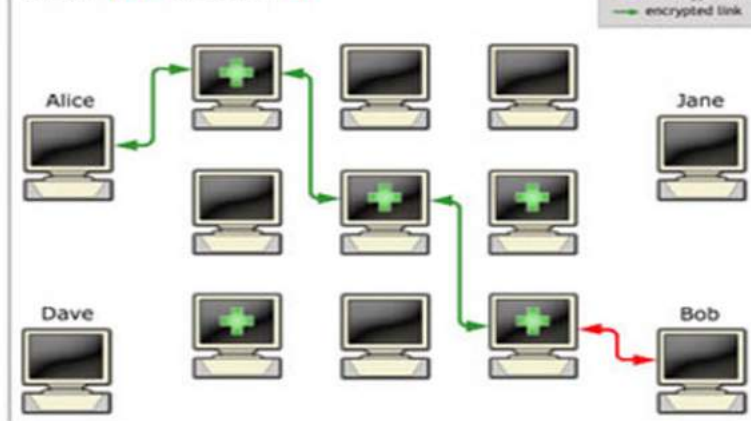
## Connection set up

### How Tor works: 1



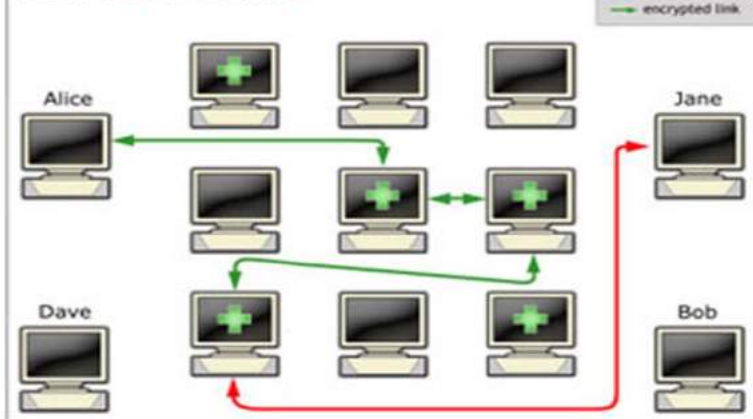
## Connection

### How Tor works: 2



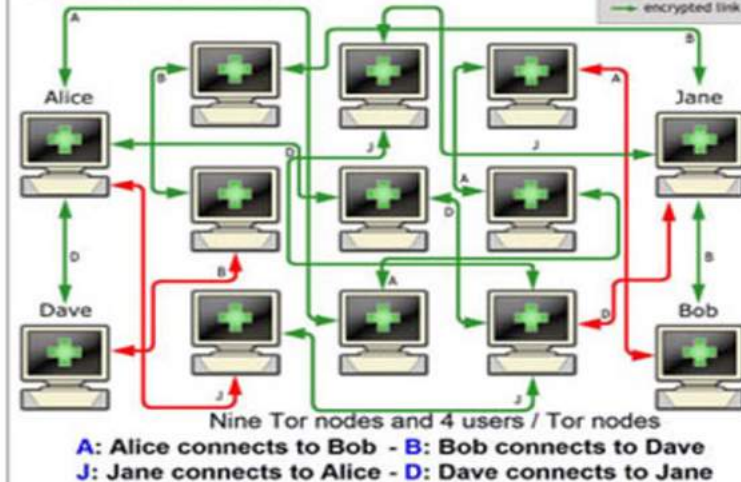
## Connection Timeout - entry node change

### How Tor works: 3



## A real scenario - multi purpose node

### How Tor works: 4







Part of the deep web  
where users interact for  
illegal scopes

# DARKNET

- Pedopornography
- Wepapons traffic
- Homicides
- Illegal substances traffick  
and dealing





## Money Laundry

### TorLinks | .onion Link List

#### Commercial Links

Financial Services Services Drugs Physical Goods Digital Goods Erotic Gambling

#### Non-Commercial Links

Services Hacking Warez Erotic Forums Media Political Others Non-English

TorLinks is a moderated replacement for The Hidden Wiki, and serves as a link or url list of Tor hidden services.  
Feel free to copy this deep web link list directory to your website to make others aware of the darknet.  
We regularly update the tor onion sites on this site.

#### Financial Services

#### Commercial Links

**EasyCoin** | EasyCoin Bitcoin Wallet, now with free Bitcoin Mixer!  
**WeBuyBitcoins** | Sell your Bitcoins for Cash (USD), ACH, WU/MG, LR, PayPal and more  
**HQER** | High quality euro bills replicas / counterfeits  
**USD Counterfeits** | High quality USD counterfeits  
**OnionWallet** | Anonymous Bitcoin Wallet and Bitcoin Laundry



#### Services

#### Commercial Links

**TorShops** | Create your own .onion store with full bitcoin integration  
**OnionHosting** | Secure hosting for .onion and/or i2p  
**Onion Identity Services** | Selling Passports and ID-Cards  
**Rent-A-Hacker** | Hacking, DDOS, Social Engineering, Espionage, Ruining people  
**USA Citizenship** | Become a citizen of the USA, real USA passport  
**Hitman Network** | Group of contract killers in the US/Canada and the EU  
**UK Passports** | Original UK Passports  
**USfakeIDs** | High quality USA Fake Drivers Licenses



#### Drugs

#### Commercial Links

**EuCanna** | 'First Class Cannabis Healthcare' - Medical Grade Cannabis Buds, Rick Simpson Oil, Ointments and Creams  
**Peoples Drug Store** | The Darkweb's Best Online Drug Supplier! Heroin, Cocaine, Ecstasy, Speed, Cannabis Prescriptions  
**Smokeables** | Finest Organic Cannabis shipped from the USA  
**CannabisUK** | UK Cannabis vendor, selling only organic weed  
**DeDope** | German Weed Shop - Weed and Hash from Germany  
**BitPharma** | EU vendor for cocaine, speed, mdma, psychedelics and subscriptions  
**Brainmagic** | Best psychedelics on the darknet  
**NLGrowers** | Coffee Shop grade Cannabis from the netherlands

## UK Guns and Ammo Store

Products Info

Login

Registration

### Guns



Font: UK Guns and Ammo Store

## Hitman Network

Products FAQs Register Login

### Hitman Network



We are a team of 3 contract killers working in the US (+Canada) and in the EU.  
Once you made a "purchase" we will reply to you within 1-2 days, contract will be completed within 1-3 weeks depending on target.


Only rules: no children under 16 and no top 10 politicians.

Product	Price	Quantity
We kill your target in the USA/Canada	10000 USD = 81.189 €	1 x Buy now
We kill your target in the European Union	12000 USD = 97.426 €	1 x Buy now

Fonte: <http://torlinkbgs6aabns.onion/>

Font: Hitman Network






Account Orders Messages Gallery Forum Help Logout

Welcome Estman00
 Account: 0.00000000
 Orders: 0
 Messages: 0

Drugs (284)
 Stimulants (57)
 Cocaine (15)
 Methamphetamine (3)
 Others (14)
 Speed (17)
 Ecstasy (25)
 Benzos (20)
 Cannabis (61)
 Opioids (18)
 Psychedelics (77)
 Other (2)
 Supplements (0)
 Prescription (14)
 Services (11)
 Data (47)
 Weapons (3)
 Weight loss (4)
 Collectables (2)
 Jewelry (11)
 Metals, Stones (4)
 Others (13)
 Tobacco (5)
 Counterfeits (8)

Cheapest price items
 Filter now




Free Sample Of Cocaine  
NEW VENDOR

Seller: [DutchShop](#)

Ship from: United States of America

Ship to: United States of America

0.00 USD [Detail](#)




Kick the Meth Habit! Try MDPV 1/4 g sample

Seller: [DutchShop](#)

Ship from: Worldwide

Ship to: Worldwide

10.30 USD [Detail](#)




1/2 gram MDPV Top Grade Free shipping

Seller: [DutchShop](#)

Ship from: Worldwide

Ship to: Worldwide

14.53 USD [Detail](#)




1 gram Purest grade Dutch Amphetamine 97%lab tested Very strong


Seller: [DutchShop](#)


Ship from: European Union


Ship to: Worldwide

21.05 USD [Detail](#)











Font: Sheep Marketplace



messages(0) | orders(0) | account(80.00) | settings | log out


Shop by category:
 Drugs(1257)
 Cannabis(402)
 Ecstasy(89)
 Dissociatives(47)
 Psychedelics(145)
 Opioids(94)
 Stimulants(119)
 Other(142)
 Benzos(93)
 Lab Supplies(23)
 Digital goods(101)
 Services(107)
 Money(72)
 Weaponry(9)
 Home & Garden(4)
 Food(1)
 Electronics(12)
 Books(85)
 Drug paraphernalia(45)
 XXX(52)
 Medical(3)
 Computer equipment(19)
 Apparel(9)
 Sporting goods(3)
 Tickets(1)
 Forgeries(14)
 Fireworks(2)



DutchShop 1-10-2011


5 gram Super Polm Platinum Maroc...

840.71



1 Gram - MDMA Crystalline Powder...


823.69



RUSTY OCT 24 2011


22 hits of Flying Key 70 mics

845.23




Corn Cob Pipe Standard pipe size

82.15




Mushroom Indoor Growing - Easy...

80.73




Quantum Mechanics 220 books

82.26



Roxicodone - 30mg IR round blue...


88.84



NEVER GET RAIDED

Never Get Raided :Never Get Busted...

82.40




High Quality 5gr pure MDMA crystal

878.29

News:
 Missing deposits
 Site restored
 Forum bugs addressed
 Pricing and hedging improvements
 Escrow hedging update
 New feature to help protect sellers
 Seller ranking and feedback overhaul
 Change your Mt. Gox password


Font: Silk Road



Products Info Login Registration

Welcome to Smokeables! Finest Organic Cannabis, shipping from the USA!

Original OG Kush



We are one of the few online dealers having access to original OG Kush clones. Get yourself some of the original OG Kush! We only grow in soil with organic nutrients.

Product	Price	Quantity
1 ounce of OG Kush	200 USD = 1.624 €	<div>1</div> <div>X</div> <div>Buy now</div>
		<div>1</div> <div>X</div> <div>Buy now</div>

Font: Smokeables



Internet user  
(client)

Clear web



IP Anonymization



Deep web



**Dark net**

(Criptomarket – illegal activities)

## Payment methods

Credit card, PayPal  
- TRACEABLE -

- NOT TRACEABLE -

Bitcoin

Bitcoin



# Bitcoin: anonymous payment



Instant Payment - Anywhere - Any time





ADVANCED  
Semi-automated system  
RESEARCH

# Activities of the system

1.

- Collection of NPS samples (seized, biological and collected online)

2.

- Analysis of NPS samples

3.

- NPS toxicological identification

4.

- Research on NPS metabolism

5.

- Update of NPS database

6.

- Networking and scientific information sharing



ADVANCED  
Early Warning System  
RESEARCH

# NPS database

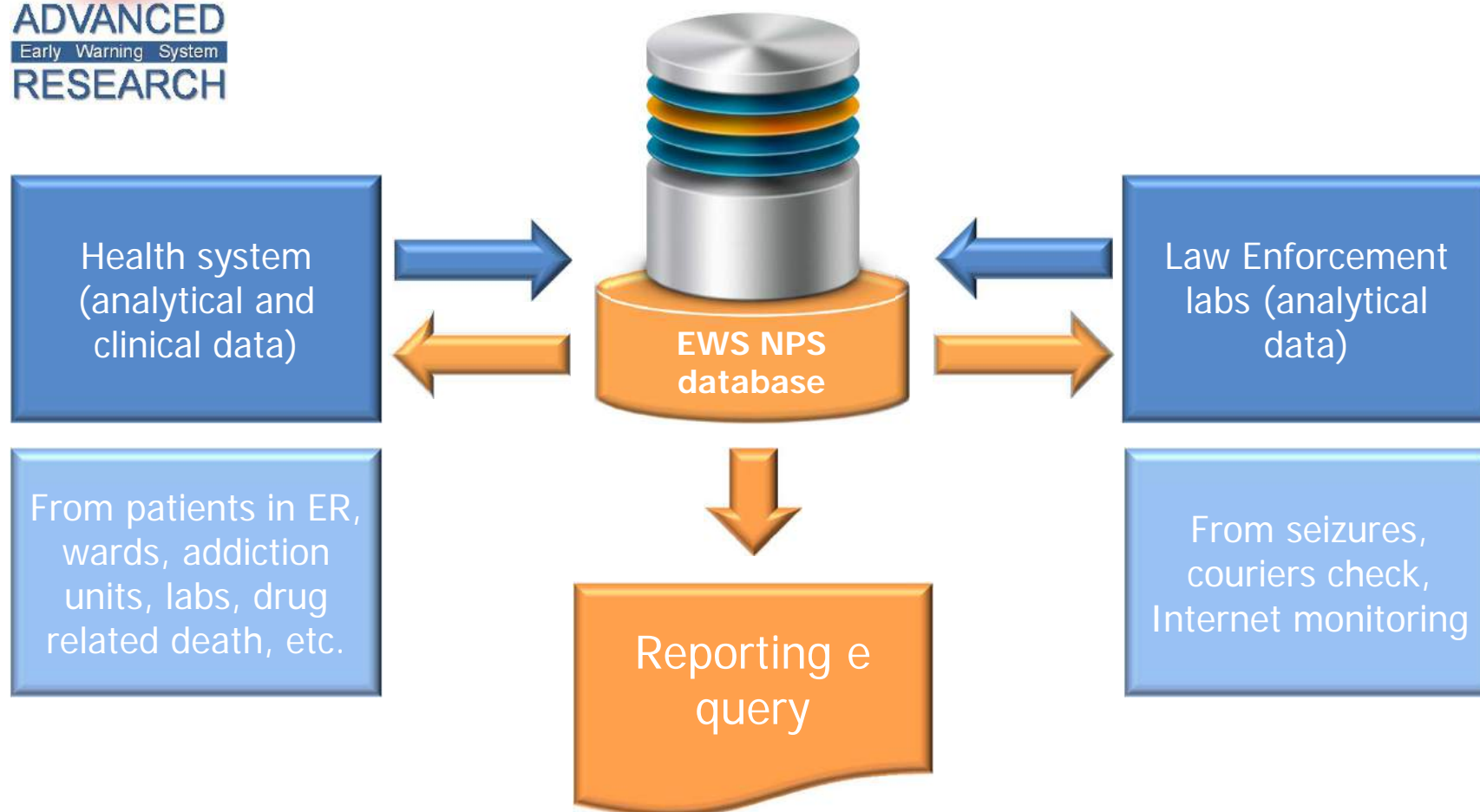






ADVANCED  
Early Warning System  
RESEARCH

# NPS database: information sharing





UniFI - Università degli Stu... X +

www.unifi.it

Cerca

ADVANCED  
Early Warning System  
RESEARCH

In collaborazione con  
UNIVERSITÀ  
DEGLI STUDI  
FIRENZE  
URiToN - TF - DSS

NPS  
DATA  
BASE

Username

Password

[Forgot your password?](#)

**LOGIN**

[Click here to register](#)

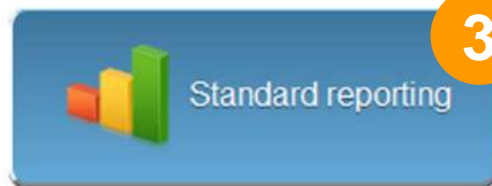
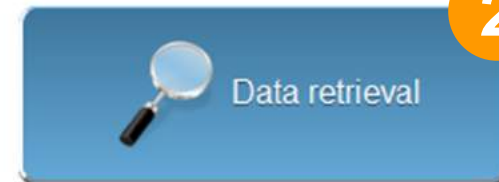




ADVANCED  
Early Warning System  
RESEARCH

# Data entry, consultation and standard reporting

## Home Page





ADVANCED  
Early Warning System  
RESEARCH

utente: Amministratore Sito

## Home Page

1



Data entry

Inserimento per sostanza

Inserimento per caso clinico

Inserimento per singola  
sostanza

2



Consultazione

Sostanza

Segni e sintomi (casi clinici)

Decessi droga-correlati

3



Reportistica standard


Sostanza

Caso clinico



Configurazioni


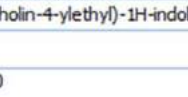





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FIRENZE

URiToN – TF – DSS

NPS DATA BASE

Gestione Molecole - Modifica

Dati generali

Proprietà chimico/fisiche

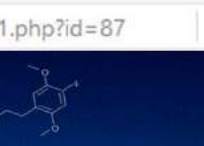
Sicurezza

Farmacocinetica/metabolismo

Informazioni laboratoristiche dalla letteratura

Farmacologia

Informazioni tossicologiche



Data inserimento:

06

gg

02

mm

2014

aaaa

Nome comune/sigla molecola:

A-796,260/1-(2-Morfolin-4-iletil)-1H-indol-3-il)-(2,2,3,3-

Nome sistematico/IUPAC:

1-(2-morpholin-4-ylethyl)-1H-indol-3-yl)-(2,2,3,3-tetram

Stereochimica:

Sinonimi:

A-796,260

Brand:

Gergali:

CAS

Forma libera

895155

- 26

- 7

Sale

Cloridrato:

-

Solfato:

-

Altro:

-

Natura della sostanza

☒ Sintetica
 

Sintesi nota:


☐ Si
 ☐ No


Descrizione:



Outlook.com - c... X NPS Alert - Home Pa... X Database N.E.W.... X Gestione Caso C... X who - Cerca con... X

news.dronetplus.it/amministra/clinico\_view\_mod.php?id=5&tipo=bi drugs

**ADVANCED**  
Early Warning System  
**RESEARCH**



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DEGLI STUDI  
FIRENZE  
URiToN - TF - DSS

**NPS  
DATA  
BASE**

### Gestione Campioni Biologici - Modifica

[Elenco campioni biologici](#)

**Dati generali** Campione sangue

Data osservazione paziente:  
01 gg 03 mm 2013 aaaa

Descrizione generale\*:  
A novembre 2013 il Punto Focale Bulgaro ha segnalato l'identificazione della molecola N-[2-etil-2-(3-metossifenil)butil]-4-idrossibutanamide (Embutramide) in un campione di sangue prelevato post mortem.  
Il campione è stato prelevato e analizzato dal Centre for Forensic Medicine, dell'Alexandrovska Hospital di Sofia, a marzo 2013. Non sono disponibili ulteriori informazioni sul caso.

Paese\*:  Regione:  Provincia:  Comune:

Sesso paziente: ☐ Maschio ☐ Femmina ☒ Non noto Età:  Decesso: ☐ No ☒ Sì

Temperatura corporea:  °C Pressione arteriosa:  mmHg Frequenza cardiaca:  FC bpm Saturazione:

#### Segni e sintomi

<input type="checkbox"/> Acidosi metabolica	<input type="checkbox"/> Aggressività	<input type="checkbox"/> ACC - Arresto Cardio Circolatorio	<input type="checkbox"/> Agitazione/eccitazione
<input type="checkbox"/> Agranulocitosi	<input type="checkbox"/> Algia	<input type="checkbox"/> Allucinazioni/delirio	<input type="checkbox"/> Alterazioni visus/nistagmo
<input type="checkbox"/> Amnesie	<input type="checkbox"/> Anemia	<input type="checkbox"/> Anisocoria	<input type="checkbox"/> Anoressizzante
<input type="checkbox"/> Ansia	<input type="checkbox"/> Apnea	<input type="checkbox"/> Aritmia	<input type="checkbox"/> Arresto respiratorio
<input type="checkbox"/> Atassia	<input type="checkbox"/> Attacchi di panico	<input type="checkbox"/> Bradicardia	<input type="checkbox"/> Bradipnea
<input type="checkbox"/> Brividi	<input type="checkbox"/> Bruxismo	<input type="checkbox"/> Cardiopalmo	<input type="checkbox"/> Cardiotossicità
<input type="checkbox"/> Catatonìa	<input type="checkbox"/> Cefalea	<input type="checkbox"/> Cefalea	<input type="checkbox"/> Clonie



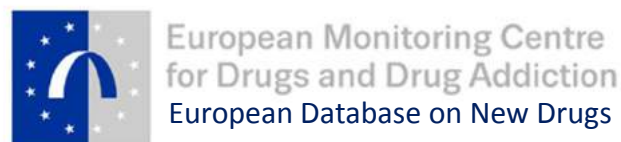


# LINKS: other international NPS database

<https://www.unodc.org/LSS/Home/NPS>



<http://www.emcdda.europa.eu/>



<https://pubchem.ncbi.nlm.nih.gov/>



<http://www.iupac.org/>



INTERNATIONAL UNION OF  
PURE AND APPLIED CHEMISTRY



# Previous experience: the Italian EWS



Manuale  
tecnico per  
i laboratori  
(volumes 1 e 2)

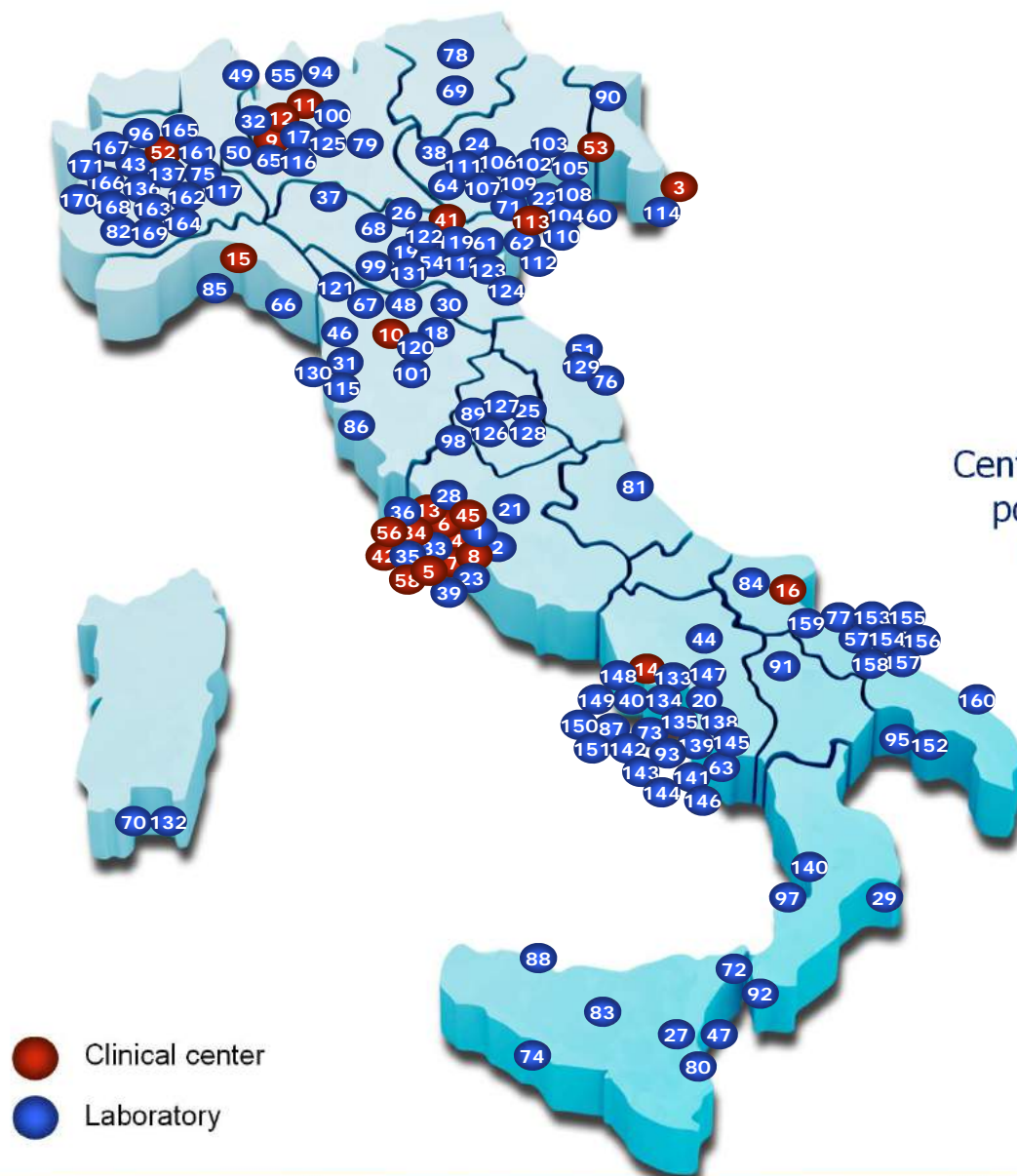




# NEWS: 170 collaborating centers

Central Directorate of Antidrug Services, Scientific  
police, Custom agency, Forensic laboratories,  
University laboratories, Research centres

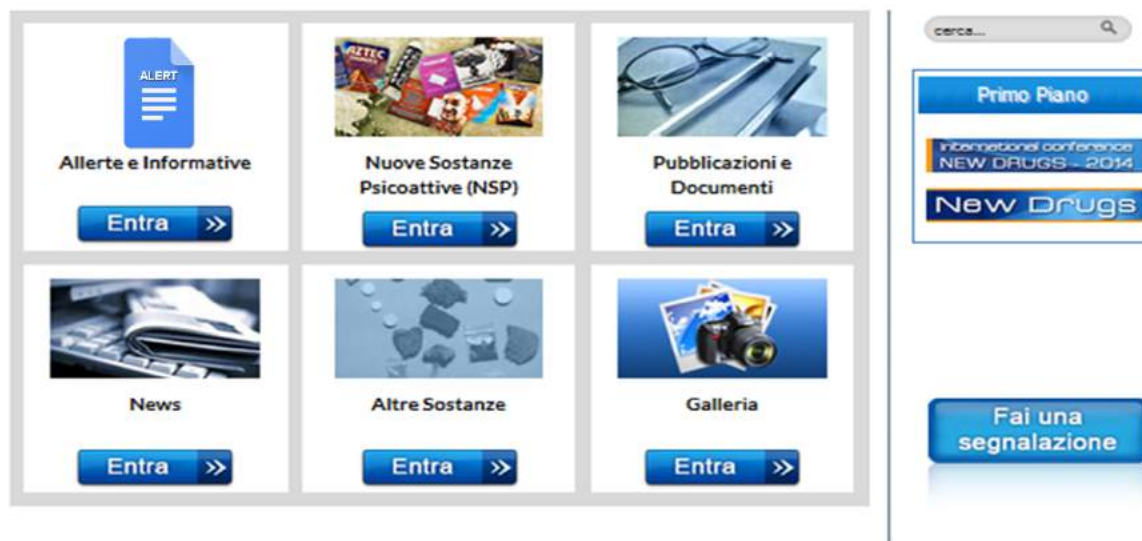
In the future,  
a network very  
useful for research





Web site

[www.npsalert.it](http://www.npsalert.it)





# Internet & Drugs on line

Advanced Early Warning System Research

# Thanks for your attention



ADVANCED  
Early Warning System  
RESEARCH

Claudia Rimondo

EU project I-SEE - NPS EWS system