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against Crime Programme of the European Union

NOVE PSIHOAKTIVNE SUBSTANCE - PRIMERI IZ PRAKSE, VLOGA NFL IN IZZIVI ZA RAZLIČNE DELEŽNIKE (POLICIJA, FORENZIKI, CARINA, TOŽILSTVO, SODSTVO, JAVNO ZDRAVJE..)



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VLOGA RAZLIČNIH DELEŽNIKOV V POVEZAVI Z NPS

- ▶ Policija (vključno z NFL)
 - ▶ Odkrivanje KD, **identifikacija** NPS v NFL in obveščanje drugih deležnikov, preventiva in varovanje zdravja
- ▶ Carinski laboratorij
 - ▶ **Identifikacija** snovi, obveščanje, uvrščanje blaga v carinsko tarifo (pobiranje dajatev) & varstvo potrošnikov, varovanje zdravja
- ▶ Inštitut za sodno medicino in centri za zastupitve
 - ▶ **Identifikacija** snovi - toksikološke preiskave, obveščanje
- ▶ NIJZ (zbiranje podatkov in poročanje, obveščanje javnosti)
- ▶ MZ (predlaga zakonodajne spremembe – za področje drog)
- ▶ Tožilstvo – pregon KD
- ▶ Sodstvo – presoja dokazov v smislu KD
- ▶ NGO – zmanjševanje škode med uporabniki NPS

Primer iz prakse

UPORABNIKI pričakujejo, da bo NFL (oz drugi laboratorij) snov identificiral in nedvoumno povedal ali je snov prepovedana ali ne, ali se zaseže ali ne, gre za utemeljen sum KD ali ne....

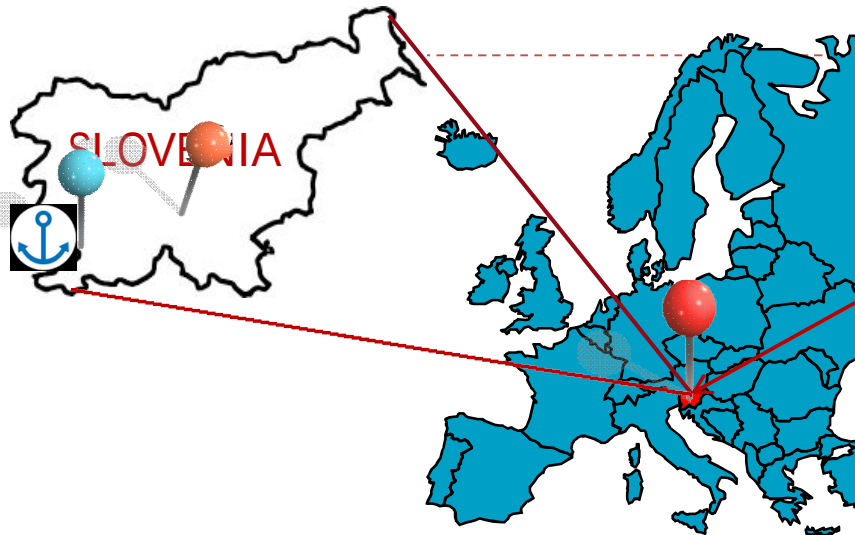
To pa ni vedno preprosto! Kam razvrstiti snovi:

- prepovedane droge
- snovi prepovedane v športu

... ali bi za NPS potrebovali še kaj tretjega...?

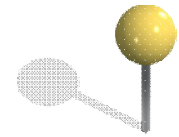


Primer iz prakse

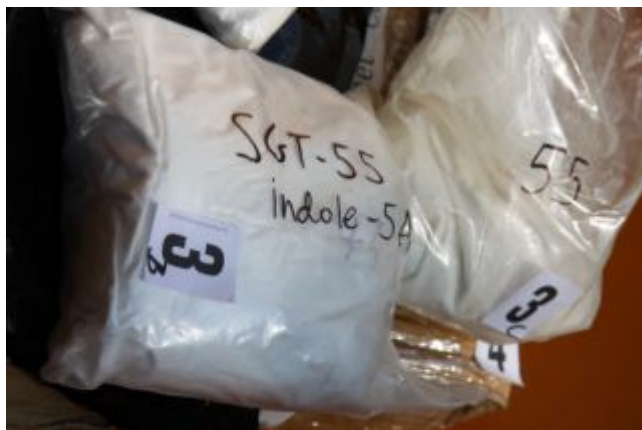
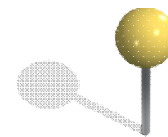


1. **Airport Ljubljana:** investigation of “dietary supplements-shipment” for a company **A** in Ljubljana. Shipment was from Hong Kong // NFL findings: pure forms of new synthetic cannabinoids; // NFL requested supporting documentation - MSDS issued by the New Zealand’s company “STARGATE OPERATIONS LTD”. / summer 2014/
2. **Ljubljana:** investigation of the production site in Ljubljana– company **A (+ B)**. Investigations & analyses revealed production of “herbal highs and C-liquids” and inferred on links: China, New Zealand, Australia, Slovenia...) / autumn 2014/
3. **Koper port:** Sizure of **herbal incenses – preparations** (cca **1500 kg**) for the company “**A+B**”. Shipment from China, invoice and cargo list from “STARGATE OPERATIONS LTD”, NZ /2014-2015/
4. **Airport Ljubljana:** Controls (customs) of 2 successive shipments (**12kg**) from China for company “**A +B**” – **pure form** of new synthetic cannabinoid /REQUEST for identification and structure confiramation from Customs lab./2014-2015/

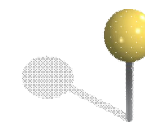
Zaseg na letališču v Ljubljani



Vzorčenje se nadaljuje



Letališče Ljubljana -rezultati



Zasežene substance				
Concentrates (pure substances)	Description	Quantity	Unit	Additional remarks
CUMYL-BICA	white powder	1645	g	3x packages (plastic bags), label: "indole-5a"
CUMYL-PICA	white powder	1269	g	2x packages (plastic bags); label: "STG-56, Indole-5b"
CUMYL-PINACA	yellowish liquid	11150	ml	13 x one-liter bottle; label: "SGT-24"
CUMYL-5F-PICA	white powder	1160	g	4x packages (plastic bags); label: "49"
CUMYL-THPINACA	white powder	3257	g	7x packages (plastic bags); label: "5F"
ADB-CHMICA	light brown	916	g	2x packages (plastic bags), label: "L-SW"
PB-22	pale white	93	g	1x package (plastic bag); label "PB22"
Pills	Description	Quantity	Unit	Additional remarks
CUMYL-THPINACA	white	651	piece	 no logo or labels 217 blisters; 3 pills/blister diameter : 10.2 mm thickness: 6.1 mm

Proizvodni prostori v Ljubljani





Non processed herbal material, aromas, colourants..

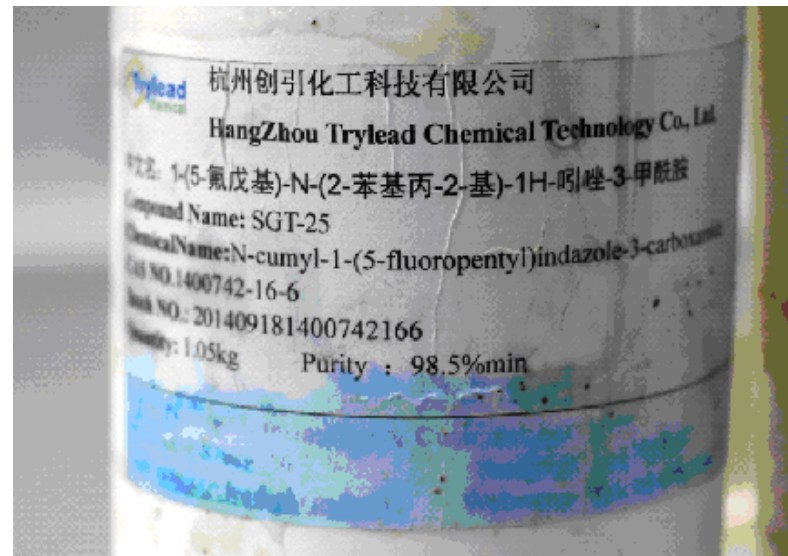


Mixing machine: raw plant material + synthetic cannabinoid dissolved in acetone is mixed until acetone is evaporated (some preparations can be sprayed with aromas and colourants can be added as well).

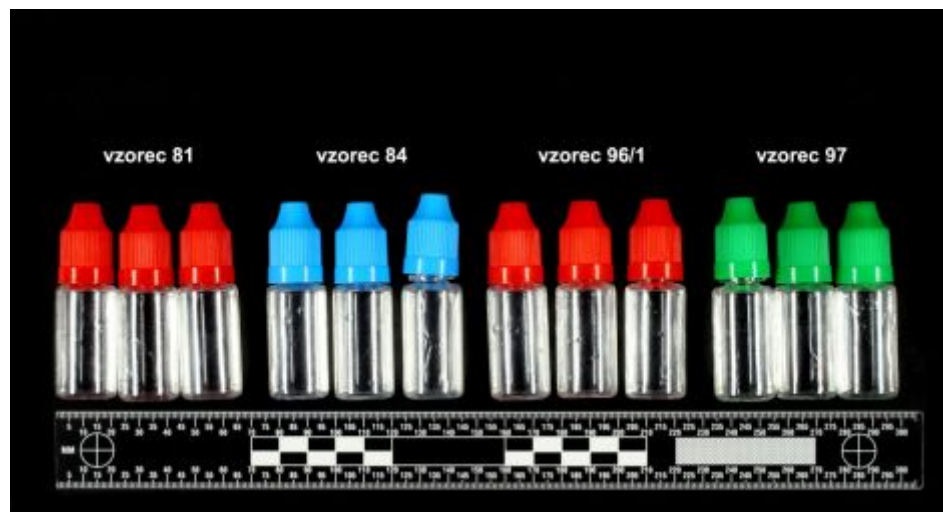
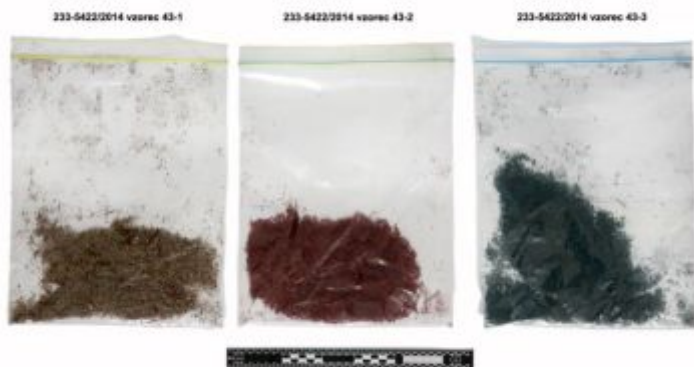


Herbal preparations

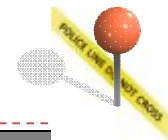








Proizvodnja v Ljubljani- rezultati



SUBSTANCES SEIZED AT THE PRODUCTION SITE				
Concentrates of cannabinoids	Description	Quantity	Unit	Additional remarks
5F-ABICA	white powder	15	g	
AB-CHMINACA	white powder	4	g	
AB-FUBINACA	white powder	25	g	
ADAMANTYL-THPINACA	white	746	g	
ADB-CHMICA	light brown	2447	g	4 packages
AKB 48 + 5F-PB22	light brownish	15	g	
FUB-AKB48, AKB48 N-(4-fluorobenzyl) analogue	yellowish	101	g	
THJ 2201	white	15	g	
CUMYL-5F-PINACA	yellowish liquid	215	ml	3 plastic bottles (all opened previously) - originally labeled: 1-(5-fluoropentyl)-N-(2-phenylpropane-2-yl)-1H-indazole-3-carboxamide (SGT-25)
Liquid preparations (C-liquids)		volume (ml)		
CUMYL-5F-PINACA (preparation)	no colour, clear	2774*	ml	* laboratory sample + around 10000 x 3 ml=30l (bottles on the spot)
Herbal highs – active ingredients	Description	Quantity	Unit	Additional remarks
CUMYL-5F-PINACA (SGT-25)		15729	g	+ herbal incenses (active ingredient SGT-25) in small bags - estimated number approximately 7000 to 10000 pckg. (of different net weighs declared: 3.5g or 2g or 1.5g)
ADB-CHMICA		6680	g	
ADAMANTYL-THPINACA		2009	g	
FUB-AKB48, AKB48 N-(4-fluorobenzyl) analogue		101	g	
CUMYL-5F-PINACA+ ADB CHMICA + ADAMANTYL-THPINACA		2068	g	
CUMYL-5F-PINACA + ADB-CHMICA		2121	g	
CUMYL-5F-PINACA + ADAMANTYL-THPINACA		49	g	

Pristanišče Koper



Seizure in Koper port (customs terminal)				
Herbal highs (active ingredients)	Description	Quantity	Unit	Additional remarks
CUMYL-PINACA	different colours and aromas	761415	g	32x packages (aluminum-plastic bags), label: "GIG" 28x packages (aluminum-plastic bags); label: "GIGGLE" 115x packages (aluminum-plastic bags); label: "Social Tonic, SGT-24" 152x packages (aluminum-plastic bags; label "DIABLO" 59x packages (aluminum-plastic bags); label: "ST"
PB-22		699829	g	155x packages (aluminum-plastic bags); label: "RED X" 195x packages (aluminum-plastic bag); label: "RAD"

IZZIVI – SNOVI SO IDENTIFICIRANA KAJ PA ZDAJ?

Kazenski zakonik RS v členu 186 sicer opredeljuje kaznivo dejanje "Neupravičena proizvodnja in promet s **prepovedanimi drogami, nedovoljenimi snovmi v športu** in predhodnimi sestavinami za izdelavo prepovedanih drog.

Prepovedane droge so poimensko navedene v prilogi k "Uredbi o razvrstitvi prepovedanih drog".

Za "nedovoljene snovi v športu" poimenski seznam (ali kakšen drugačen seznam - npr. generična opredelitev snovi na osnovi kemijske strukture) na nivoju RS ni na voljo.

URED BA

Seri kimia senyawa	Representasi kimia	Komposisi kimia
1.	12-AMINO-2-PROPIL-1-BIS(2-FENILAMINO) (APB), Isomere 4, 5 (n 5)	1-benzilamin-4, 5 ad 8-propion-2-amin $C_{24}H_{26}N_2O$ $M_r = 376,2$
2.	1-4-DIMETIL-1,3-pentil-trisido-3-aminatol	p-aminatol-1-(3)1-pentil 1H-indol-3-aminatol $C_{24}H_{28}N_2O$ $M_r = 360,5$
3.	25C-NBOMe	2,5-dimetoksi-3-dimetoksi-N-(2-metiloksibenzil)-2-fenilamin $C_{24}H_{28}NO_3$ $M_r = 394,5$
4.	25i-NBOMe	4-pentil-2,5-dimetoksi-N-(2-metiloksibenzil)-2-fenilamin $C_{29}H_{34}NO_3$ $M_r = 434,6$
5.	25C-E	2,5-dimetoksi-4-etil-2-fenilamin $C_{24}H_{28}NO_2$ $M_r = 362,5$
6.	25C-I	2,5-dimetoksi-4-isopropil-2-fenilamin $C_{26}H_{30}NO_2$ $M_r = 390,5$
7.	25C-L2	2,5-dimetoksi-4-(1-metoksibenzil)-2-fenilamin $C_{28}H_{30}NO_3$ $M_r = 430,5$
8.	25C-L1	2,5-dimetoksi-4-isopropil-2-fenilamin $C_{26}H_{30}NO_2$ $M_r = 390,5$
9.	3,4-METILENDIOKSI-3-PROPILOKSI-1-AMIN	1-3-metoksi-1-(3-metoksi-5-4)-2-propil-1-pentil-1-amin $M_r = 280,4$



Snovi prepovedane v športu?

Nekatere NPS lahko "stlačimo" med snovi prepovedane v športu.

Kanabinoidi in sintetični kanabinoidi:

S8

KANABINOIDI

Prepovedani so:

- Naravni, n.pr. kanabis, hašiš in marihuana, ali sintetični Δ^9 -tetrahidrokanabinol (THC).
- Kanabimimetiki, n.pr. "Spice", JWH-018, JWH-073, HU-210

Vprašanje?

Ali je lista prepovedanih snovi in postopkov WADA, ki je "Priloga" k Zakonu o ratifikaciji mednarodne konvencije proti uporabi nedovoljenih snovi v športu (MKUNSS) ustrezen dokument?

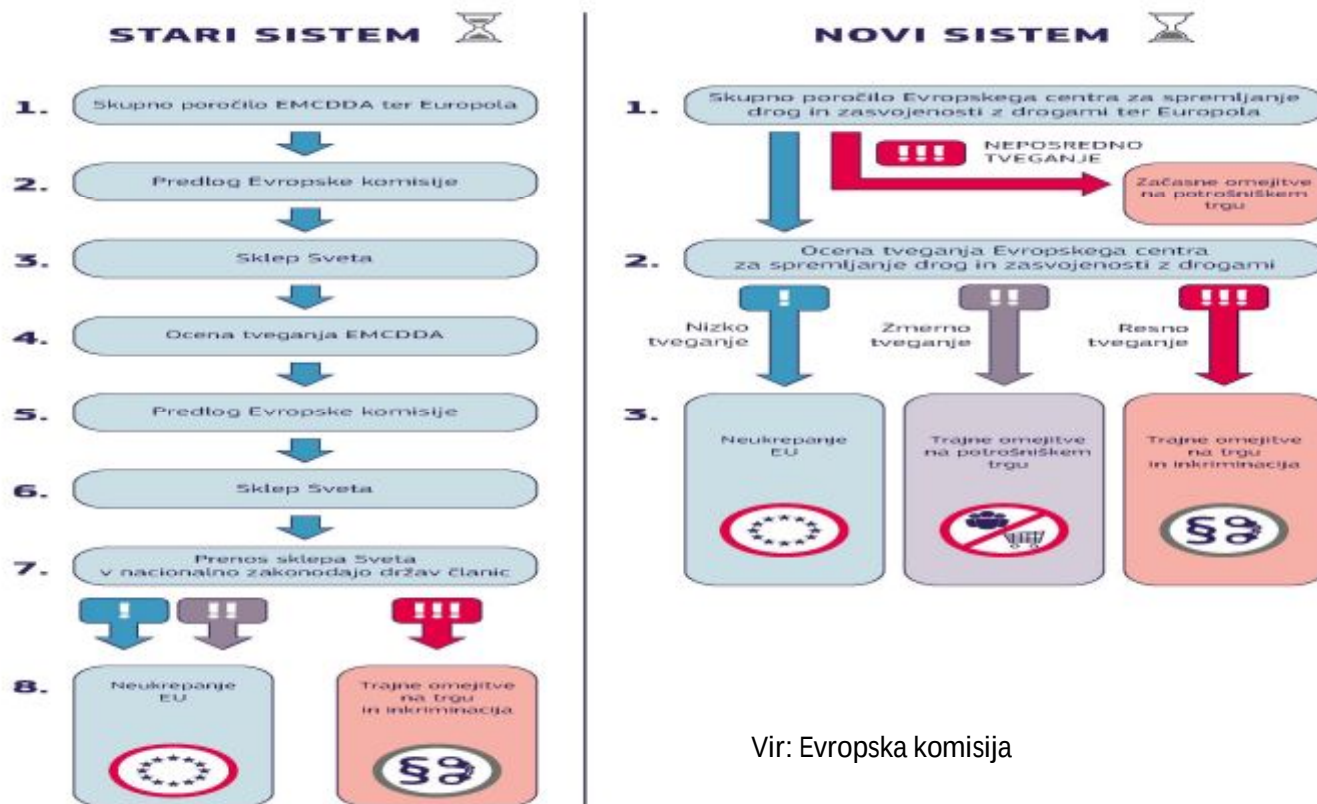
- ▶ Na WADA listi so številne snovi, ki so v športu sicer prepovedane (nekatero samo na športnih tekmovanjih in nekatere samo v določenih panogah), sicer pa je njihova uporaba in trgovanje z njimi povsem legalno in so na voljo tudi v običajnih trgovinah ali lekarnah.



Ocena ogroženosti in psihoaktivnih učinkov in EU?

- ▶ Na podlagi strukturne podobnosti
- ▶ Študije in aktivnosti na nivoju EU prepočasne

Nove psihoaktivne snovi – predlog Uredbe/Direktive EU – september 2013



Vir: Evropska komisija

Inovativni pristopi v nekaterih državah

New psychoactive substances in Europe: Innovative legal responses
EMCDDA, Lisbon, June 2015

Publication type: [Ad hoc publication](#)

Summary:

This short report provides an overview of how European countries are developing innovative legal responses to the challenges presented to public health and drug policy by the rapidly evolving market for new psychoactive substances.

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Table of contents

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- The challenge
- The legal responses
- Innovative legal responses
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- Conclusion
- References
- Resources



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Kako se bomo odločili pri nas?



<http://www.emcdda.europa.eu/publications/ad-hoc-publication/new-psychoactive-substances-europe-innovative-legal-responses>



Zahvala



Del aktivnosti, ki jih na področju novih psihoaktivni substanc izvaja NFL je sofinanciran iz sredstev programa Preprečevanje in boj proti kriminalu Evropske unije (projekt »RESPONSE« - AG JUST/2013/ISEC/DRUGS/AG/4000006413). Vsebina te prezentacije je izključna odgovornost avtorja in ne odraža stališč EU komisije.

Partnerji in pridruženi partnerji projekta

[University of Ljubljana, Faculty of Chemistry and Chemical Technology \(FKKT\), Slovenia](#)

[Ministry of the Interior, National Forensic Institute \(INPS\), France](#)

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