



# Anticipating new drug futures arising from digital technological developments

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~M Barratt, A Stevens, O Enghoff~

Speculative Addictions  
Lisbon Addictions 2019  
23-25 October 2019

# Speculating about change connected to...

Prevalence

Repertoires

Harms

Benefits

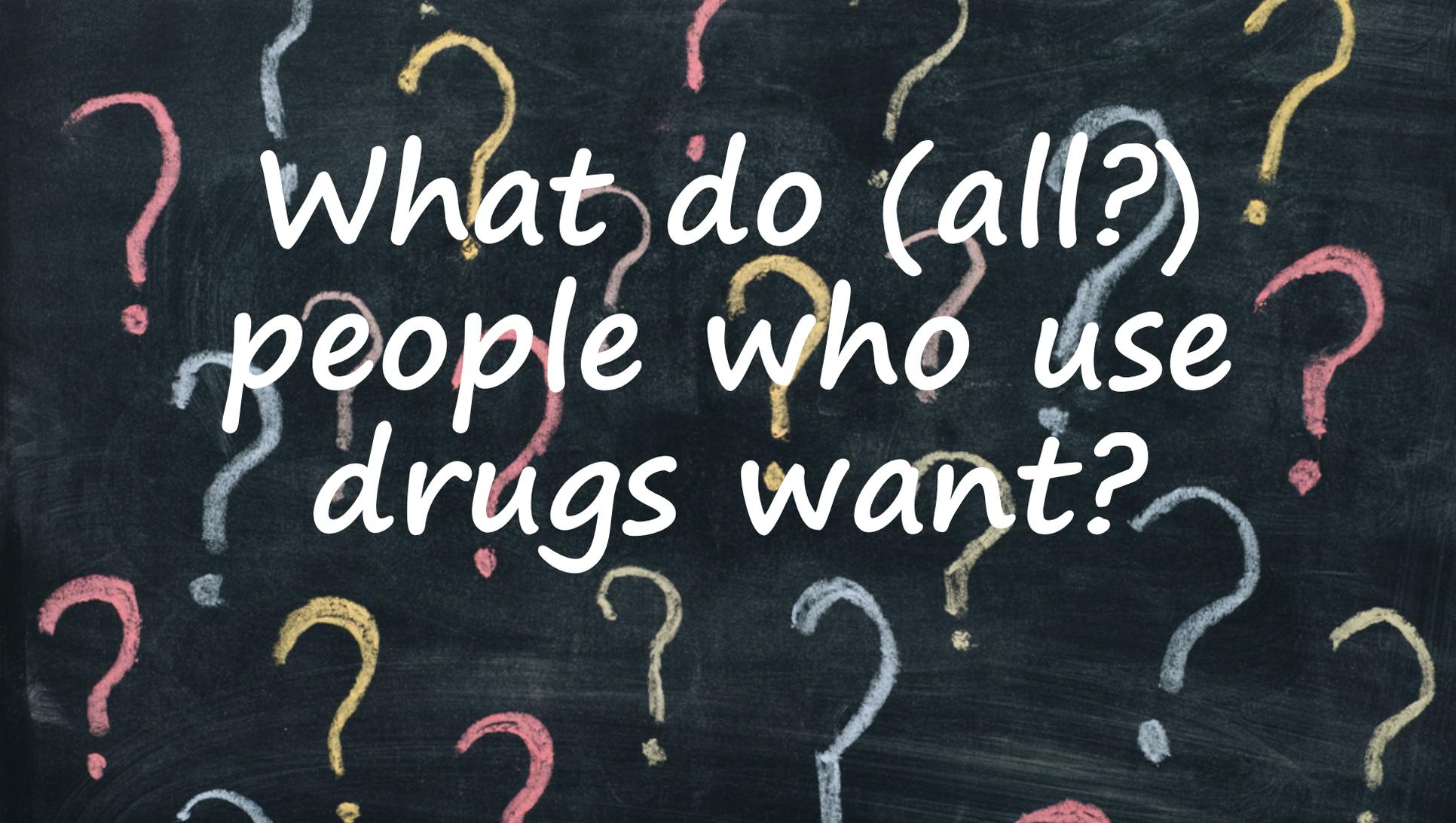
Stigma

Drug policy  
reform

Drug market  
organisation

Law  
enforcement

Substance  
innovation



What do (all?)  
people who use  
drugs want?

A reliable and  
low risk source  
for the drugs  
they seek

## ACCURATION INFORMATION

on how to  
maximise the  
benefits and  
minimise the  
harms or  
unwanted  
effects of their  
drug use



Stigma  
Illegality

# Before the internet...

Access to **information about drugs** and to  
**drugs themselves**



at 211 + Free Range Lamb

NOVITAS

Small text on a woven basket containing packaged goods.

Free to the 12 Olives or Choice Mix and Match £3.95

Galore Galore  
Small text on product packaging on the right side of the counter.

FRESH OLIVE COMPANY  
Small text on olive containers in the bottom left corner.



↑	⊖	↓	⚠	☠	✖
Low Risk & Synergy	Low Risk & No Synergy	Low Risk & Decrease	Caution	Unsafe	Dangerous

	LSD	Mushrooms	DMT	Mescaline	DOx	NBOMes	2C-x	2C-T-x	5-MeO-xxT	Cannabis	Ketamine	MXE	DXM	Nitrous	Amphetamines	MDMA	Cocaine	Caffeine	Alcohol	GHB/GBL	Opioids	Tramadol	Benzodiazepines	MAOIs	SSRIs		
LSD	↑	↑	↑	↑	↑	↑	↑	↑	↑	⚠	↑	↑	↑	↑	⚠	↑	⚠	⊖	↓	↓	⊖	☠	↓	↓	↓	↓	LSD
Mushrooms	↑	↑	↑	↑	↑	↑	↑	↑	↑	⚠	↑	↑	↑	↑	⚠	↑	⚠	⊖	↓	↓	⊖	☠	↓	↓	↓	↓	Mushrooms
DMT	↑	↑	↑	↑	↑	↑	↑	↑	↑	⚠	↑	↑	↑	↑	⚠	↑	⚠	⊖	↓	↓	⊖	☠	↓	↓	↓	↓	DMT
Mescaline	↑	↑	↑	↑	⚠	⚠	⚠	⚠	⚠	⚠	↑	↑	↑	↑	⚠	↑	⚠	⊖	↓	↓	⊖	☠	↓	⚠	↓	↓	Mescaline
DOx	↑	↑	↑	⚠	⚠	⚠	⚠	⚠	⚠	⚠	↑	⚠	☠	↑	☠	⚠	☠	⚠	↓	↓	⊖	☠	↓	⚠	↓	↓	DOx
NBOMes	↑	↑	↑	⚠	⚠	⚠	⚠	⚠	⚠	⚠	↑	⚠	☠	↑	☠	⚠	☠	⚠	↓	↓	⊖	☠	↓	⚠	↓	↓	NBOMes
2C-x	↑	↑	↑	⚠	⚠	⚠	⚠	⚠	⚠	⚠	↑	↑	↑	↑	⚠	↑	⚠	⊖	↓	↓	⊖	☠	↓	⚠	↓	↓	2C-x
2C-T-x	↑	↑	↑	⚠	⚠	⚠	⚠	⚠	⚠	⚠	↑	⚠	☠	↑	☠	⚠	☠	⊖	↓	↓	⊖	☠	↓	⚠	↓	↓	2C-T-x
5-MeO-xxT	↑	↑	↑	⚠	⚠	⚠	⚠	⚠	⚠	⚠	↑	↑	☠	↑	☠	⚠	☠	⊖	↓	↓	⊖	☠	↓	⚠	↓	↓	5-MeO-xxT
Cannabis	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠	↑	↑	↑	↑	⚠	↑	⚠	⊖	↓	↓	↑	↑	↓	↑	⊖	↓	Cannabis
Ketamine	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	⊖	⊖	↑	⚠	↑	⚠	⊖	×	×	×	×	⚠	⚠	⊖	⊖	Ketamine
MXE	↑	↑	↑	↑	⚠	⚠	↑	⚠	↑	↑	↑	⊖	⊖	↑	⚠	⚠	⚠	⊖	×	×	×	×	⚠	☠	⚠	⚠	MXE
DXM	↑	↑	↑	↑	☠	☠	↑	☠	☠	↑	⊖	⊖	⊖	↑	⚠	×	☠	⊖	×	×	×	×	⚠	⚠	⚠	⚠	DXM
Nitrous	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	⊖	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⊖	Nitrous
Amphetamines	⚠	⚠	⚠	⚠	☠	☠	⚠	☠	☠	⚠	⚠	⚠	☠	↑	↑	↑	↑	⊖	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⊖	Amphetamine
MDMA	↑	↑	↑	↑	⚠	⚠	↑	⚠	⚠	↑	↑	⚠	×	↑	↑	↑	⚠	⚠	⚠	⚠	⊖	×	↓	×	↓	↓	MDMA
Cocaine	⚠	⚠	⚠	⚠	☠	☠	⚠	☠	☠	⚠	⚠	⚠	☠	↑	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠	×	×	⚠	⊖	Cocaine
Caffeine	⊖	⊖	⊖	⊖	⚠	⚠	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⚠	⚠	⚠	⚠	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	Caffeine
Alcohol	↓	↓	↓	↓	↓	↓	↓	↓	↓	↑	×	×	×	⚠	⚠	⚠	⚠	⊖	⚠	⚠	×	×	×	×	⊖	⚠	Alcohol
GHB/GBL	↓	↓	↓	↓	↓	↓	↓	↓	↑	↑	×	×	×	⚠	⚠	⚠	⚠	⊖	×	⚠	⚠	⚠	⚠	⚠	⚠	⊖	GHB/GBL
Opioids	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	↑	×	×	×	⚠	⚠	⊖	×	⊖	×	×	⚠	⚠	⚠	⚠	⚠	⊖	Opioids
Tramadol	☠	☠	☠	☠	☠	☠	☠	☠	☠	↑	×	×	×	⚠	×	×	×	⚠	×	×	×	×	×	×	×	×	Tramadol
Benzodiazepines	↓	↓	↓	↓	↓	↓	↓	↓	↓	↑	⚠	⚠	⚠	↓	↓	↓	↓	↓	×	×	×	×	×	×	×	⊖	Benzodiazepine
MAOIs	↓	↑	↑	⚠	⚠	⚠	⚠	⚠	×	↑	☠	×	×	⊖	×	×	×	⊖	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠	MAOIs
SSRIs	↓	↓	↓	↓	↓	↓	↓	↓	↓	⊖	⊖	⚠	×	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	SSRIs
	LSD	Mushrooms	DMT	Mescaline	DOx	NBOMes	2C-x	2C-T-x	5-MeO-xxT	Cannabis	Ketamine	MXE	DXM	Nitrous	Amphetamines	MDMA	Cocaine	Caffeine	Alcohol	GHB/GBL	Opioids	Tramadol	Benzodiazepines	MAOIs	SSRIs		

This information has been researched to the best ability by the TripSit team, and the greatest effort has been made not to include incorrect or misleading information though some information may never be 100% accurate.

This chart is meant as a quick reference guide and additional research must always be done. It is not sufficient to only consult this chart when considering a combination. Use at your own risk and please try to be safe.

When mixing drugs keep potentiation in mind and start with lower doses of each substance.

For more information on specific drugs visit <http://drugs.tripsit.me>

Up-to-date information, details, explanations and references will be published on <http://combo.tripsit.me>



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What changes did the  
internet usher in?

(And related digital technological innovations)

# Supply side developments

Arising from digital technological innovations



co



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Pain Relief  
**Dihydrocodeine**

From  
**£40.95**

[View More](#)



Pain Relief  
**Codeine**

From  
**£34.99**

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Pain Relief  
**Co-codamol**

From  
**£49.99**

[View More](#)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30  
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60  
61 62 63 64 65 66 67 68 69 70 71 72 73

## Categories

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[How long after taking \*\*Co-codamol\*\* can I drink alcohol?](#)

## Conditions

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[Can you take Paracetamol with \*\*Codeine\*\* together?](#)

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Home | [Xanax \(Generic\)](#)



### Xanax (Generic)

★★★★★ 325 Review(s) | [Add Your Review](#)

Xanax belongs to the benzodiazepine family which works to slow down the movement of chemicals in the brain that results in reduction of anxiety.

Synonyms:  
Alprazolam

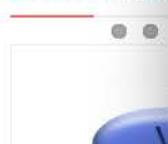
#### Xanax (Generic) 1mg

Package	Price	Per Pill	Savings	Order
30 pill x 1mg	\$165.00	\$5.50 per pill		<span>+</span> ADD TO CART
45 pill x 1mg	\$225.90	\$5.02 per pill	\$21.49	<span>+</span> ADD TO CART
60 pill x 1mg <span>BEST SELLER</span>	\$275.40	\$4.59 per pill	\$54.65	<span>+</span> ADD TO CART
90 pill x 1mg	\$378.00	\$4.20 per pill	\$116.74	<span>+</span> ADD TO CART
120 pill x 1mg	\$451.20	\$3.76 per pill	\$208.91	<span>+</span> ADD TO CART

#### RELATED PRODUCTS



#### BESTSELLERS ED



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# Research Chemicals

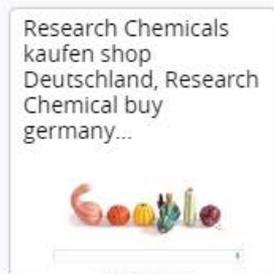


m0rphin March 27, 2013 27 items 111.6K views 8 subscribers 1 comment

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## Drugs & Chemicals



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  - Benzos 2881
  - Cannabis & Hashish 11310
  - Dissociatives 1844
  - Ecstasy 5008
  - Opioids 3109
  - Prescription 2078
  - Steroids 1626
  - Stimulants 6463
  - Tobacco 51
  - Weight Loss 57
  - Other 106
  - Paraphernalia 134

Sort: Price Low to High - Price High to Low



**[sticky] 10 X LSD 200ug Genesha (self-laid, 99%+ pure California Needlepoint) " BULK-DISCOUNT"**  
 Item # 90243 - Psychedelics / LSD - AlexGrey (1463)  
 Views: 6063 / Sales: 211  
 Quantity left: Unlimited

**Buy Price**  
 USD 27.55  
 (0.003297 BTC)



**[sticky] Oxycodone (Brand name) 40mg \$37.50-\$50 each (depending on quantity).**  
 Item # 58266 - Opioids / OxyCodone - purepharm (869)  
 Views: 3336 / Sales: 135  
 Quantity left: Unlimited

**Buy Price**  
 USD 50.00  
 (0.005983 BTC)



**[sticky] (1g) 92% PERUVIAN COCAINE + FREE EXTRA 1G STRAIGHT OFF THE BRICK**  
 Item # 110522 - Stimulants / Cocaine - EITioPuro (13)  
 Views: 427 / Sales: 22  
 Quantity left: Unlimited

**Buy Price**  
 USD 90.00  
 (0.010770 BTC)



**[sticky] 3.5g. Pure Peruvian Cocaine Flake**  
 Item # 35792 - Stimulants / Cocaine - TheCircuit (485)  
 Views: 2710 / Sales: 91  
 Quantity left: Unlimited

**Buy Price**  
 USD 125.00  
 (0.014959 BTC)



### 3.5g. Pure Peruvian Cocaine Flake

We now are in stock of Peruvian Flake coke at the lowest price on the market

Sold by **TheCircuit** - 91 sold since April 21, 2019

Vendor Level 6

Trust level 6

	Features		Features
<b>Product Class</b>	Physical Package	<b>Origin Country</b>	United States
<b>Quantity Left</b>	<b>Unlimited</b>	<b>Ships to</b>	United States
<b>Ends In</b>	Never	<b>Payment</b>	Escrow

USPS Priority Shipping - 3 days - USD + 15.00 / order

Purchase price: **USD 125.00**

Qty:

Buy Now

Queue

0.014991 BTC

Description Feedback Refund policy

Total Feedback: 67 - Positive: 59 - Negative: 2 - Neutral: 6

Feedback	Buyer	Date
<b>ok stuff good for the price</b> 3.5g. Pure Peruvian Cocaine Flake	b*****y USD 140.00	Oct 08, 2019
<b>No feedback comment</b> 3.5g. Pure Peruvian Cocaine Flake	s*****y USD 140.00	Sep 30, 2019
<b>thx for shipping quickly -- I'll be back for more shortly!</b> 3.5g. Pure Peruvian Cocaine Flake	h*****g USD 132.50	Sep 28, 2019
<b>No feedback comment</b> 3.5g. Pure Peruvian Cocaine Flake	t*****m USD 140.00	Sep 27, 2019
<b>heat for the price i will be back thanks for good stealth and timely deliver</b>	f*****j	Sep 24, 2019



# Mechanisms driving change

Facilitate (a return to) OPEN market sales

Diffuse (otherwise locally unavailable) substances into new locales

Psychedelics! NPS, medications



Enable those without social networks to source for use

Enable those without existing wholesale contacts to source for resale



# Predicted effects (population level)

1. Increased overall prevalence
2. Widening drug using repertoires
3. Increased drug harms
4. Increased drug benefits
5. Increased numbers of retail drug suppliers

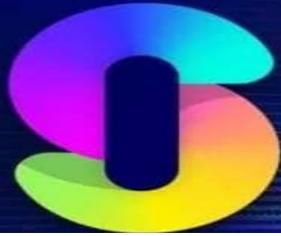


# Demand side developments

Arising from digital technological innovations





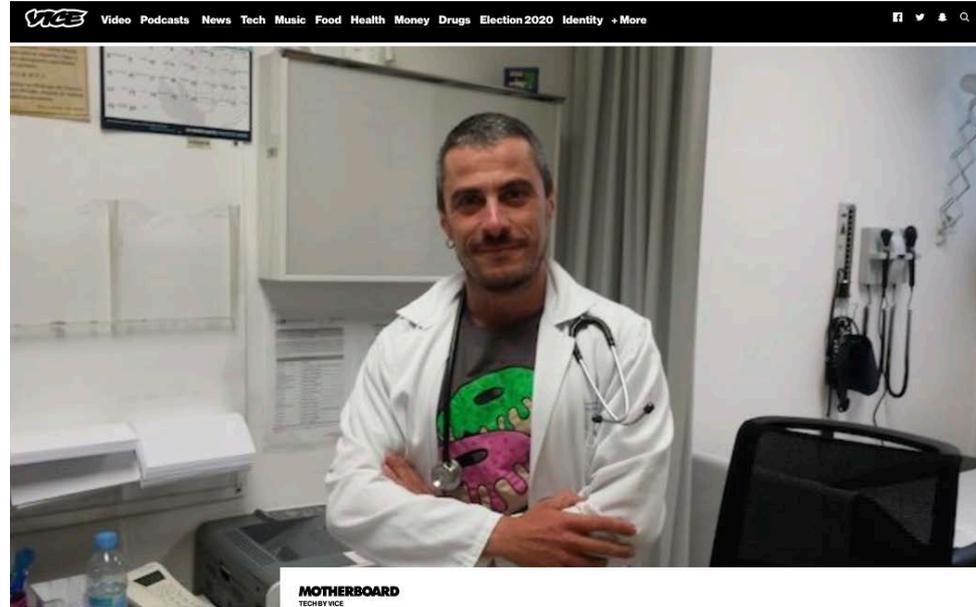


**Sesh Safety**  
A Harm Reduction Community

As Featured on 

“Test results: purpose to black. But the MDMA from one batch smokes a little, and the other doesn’t. What does this mean?”

# Cryptomarket discussion forums



## **The Dark Net's Drug Counselor**

A family doctor who moonlights as DoctorX on deep web forums has



INTRO TO MARXISM | HISTORY | THEORY | ISSUES

# EDUCATION

*For activists*

# Mechanisms driving effects

Larger communities of PWUD than possible in meatspace

Availability of desired/required information on use

Enable those without social networks to obtain information

Community support for safer use/cessation

Reducing the damaging effects of stigma on individual behaviour

Educative function for drug policy reform

Increased  
population  
prevalence

Widening  
repertoires

Increased  
population  
harm

Reduced per-  
capita harm

Increased pop  
& per-capita  
drug benefits

Reduced  
stigma

Politicisation  
for drug policy  
reform

# THIS HIDDEN SITE HAS BEEN SEIZED

Since July 4, 2017

as a part of a law enforcement operation by the Federal Bureau of Investigation, the Drug Enforcement Administration,  
and European law enforcement agencies acting through Europol

in accordance with the law of European Union member states and obtained pursuant to a forfeiture order by the United  
States Attorney's Office for the Eastern District of California and the U.S. Department of Justice's Computer Crime &  
Intellectual Property Section.



# What about where supply-side law enforcement is lax?



⋮ ✉ 🔔 **Following**

**Patrick Shortis**  
@Patrick\_Shortis Follows you

PhD Candidate @CriminologyUoM. Researching cryptomarkets (#darknet markets) and covert networks. RTs not endorsements.

📍 Manchester, England 🔗 [keybase.io/patrickshortis](https://keybase.io/patrickshortis) 📅 Joined April 2008

1,635 Following 1,074 Followers

 Followed by Nicolae Craciunescu, Criminology Open, and 79 others you follow



75,000+ transactions



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## Jobs

*Consider the candidacy of a professional kladmen for small wholesale and transportation.*

*With a good guarantee, experience and a head on his shoulders, and most importantly a great desire to work and make good money.*

*On our part, increased wages (in the future up to 3 million rubles per month), career growth and any amount of work.*

*As well as bonuses, bonuses, discounts on goods, enhancements and other pleasures of life with the maximum return on your part.*

*If you are interested in working in our team, approach this responsibly, create a correspondence marked "WORK", in which answer the points below and you can add something from yourself.*

1. Age?
2. The presence of a car?
3. Family status?
4. Availability of space for packing?
5. Are there any criminal records?
6. Do you use anything, if so, in what quantities?
7. Work experience as a clutch man or in another shadow sphere?
8. What collateral do you have?
9. How many hours are you willing to devote to work as a treasure trove?
10. City and area in which you plan to work

If you arrange everything as it should, your chances of finding a job will increase.

*PS: Please consider that we are a wholesale store, and we physically cannot give you a job with a deposit of 10 thousand rubles.*

# Concluding thoughts

Online developments should be understood as challenging global drug prohibition

But will by no means inevitably usher in progressive policy developments, particularly where harshly punitive state responses are effective

Bolstering organised criminal groups involved in drug supply can be facilitated by both harshly punitive supply side responses as well as by lax responses

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@JudithAAldridge

