



Structured Session: Implementing Methamphetamine Prevention Strategies into Action (IMPRESA)

# The RE-AIM framework for evaluating implementation processes and public health impact

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Lisbon Addictions 2022  
November 2022

Gefördert durch:



aufgrund eines Beschlusses  
des Deutschen Bundestages



Co-funded by the European  
Union's Justice Programme –  
Drugs Policy Initiatives

## What's the problem? – The Research-Practice-Gap in the Public Health Sector

**It takes 17  
years for  
research to  
reach practice.**

**Only 14% of  
research  
reaches a  
target  
recipient.**

**Only 18% of  
administrators and  
practitioners  
report using  
evidence-based  
practices  
frequently.**

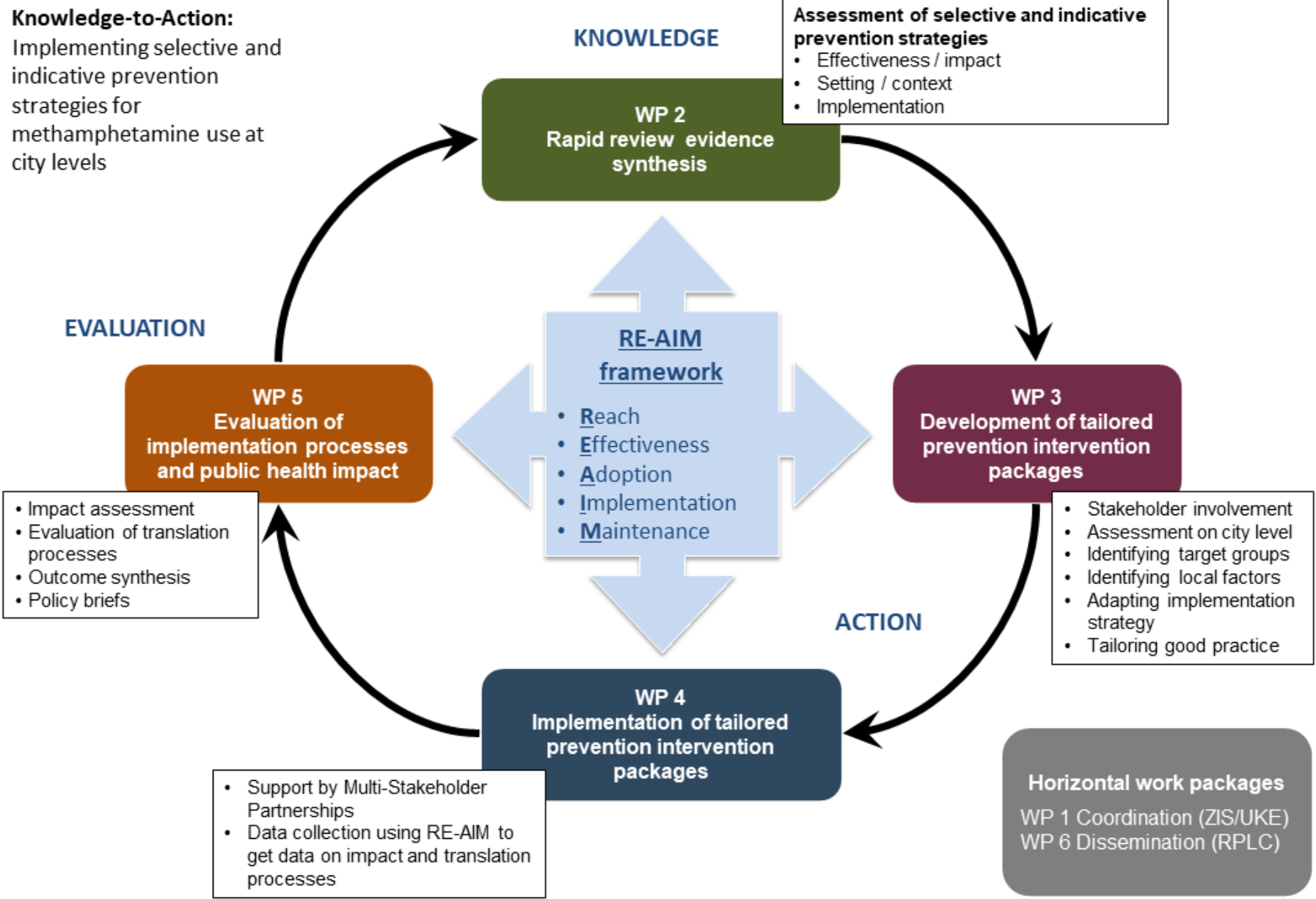
## Impact in “real world settings”: a function of 5 RE-AIM dimensions



Even if 100% effective, impact depends on:

- (1) Adoption
- (2) Training
- (3) Fidelity (Implementation)
- (4) Access (Reach)
- (5) Sustainability (Maintenance)

50% threshold for each step=  
 $.5 * .5 * .5 * .5 * .5 =$   
 3% benefit



# Project Overview

## Technical Definition

The absolute number, proportion, and representativeness of individuals willing to participate in a given initiative, and the reasons why (qualitative).



REACH

## Pragmatic Use

**WHO** is intended to benefit and who actually participates or is exposed to the initiative?

## REACH: Interim results of a brief Intervention approach combining motivational interviewing and a cognitive behavioral strategy (2 or 4 sessions) for ATS users in Jelenia Gora (Poland)

### **Implementation progress:**

- 47 individuals who use ATS recruited out of 120 (completed: 4, dropped out: 5)

### **Demographic characteristics:**

- Age 25-42
- single mothers living in shelters, factory workers, truck drivers, and individuals who lost their jobs due to substance use

## Technical Definition

The impact of an initiative on outcomes, including potential negative effects, heterogeneity, quality of life, and economic outcomes as well as the reasons why (qualitative).



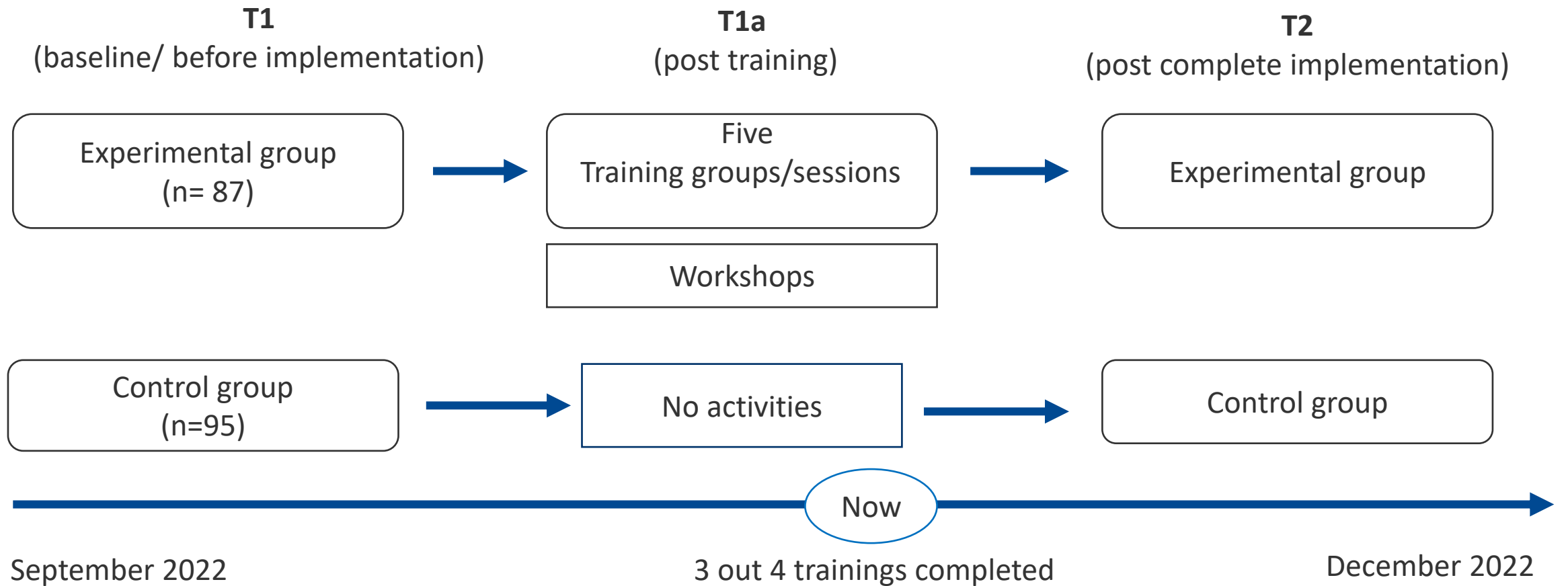
EFFECTIVENESS

## Pragmatic Use

**WHAT** is the most important benefit you are trying to achieve and what is the likelihood of negative outcomes?

# EFFECTIVENESS: Interim results of a 3 day SDT-based methamphetamine use prevention program among first year bachelor students in Košice (Slovakia)

## Implementation progress:





## EFFECTIVENESS: Interim results of a 3 day SDT-based methamphetamine use prevention program among first year bachelor students in Košice (Slovakia)

**No direct changes measured post trainings (T1a)** regarding

- personal motivation not to use methamphetamine (Treatment Self-Regulation Questionnaire (TSRQ)) and
- normative motivation why others use methamphetamine (APSN adaption of Basic psychological needs satisfaction and frustration scale)

**Further analysis** will be focusing on:

- effects of the intervention on protective social psychological characteristics in relation to actual and normative aspects (including motivation) in relation to stimulant (meth) use measured at T2

## Technical Definition

The absolute number, proportion, and representativeness of settings and agents willing to initiate a program, and the reasons why (qualitative).



ADOPTION

## Pragmatic Use

**WHERE** is the program applied and  
applied and  
**WHO** applied it?

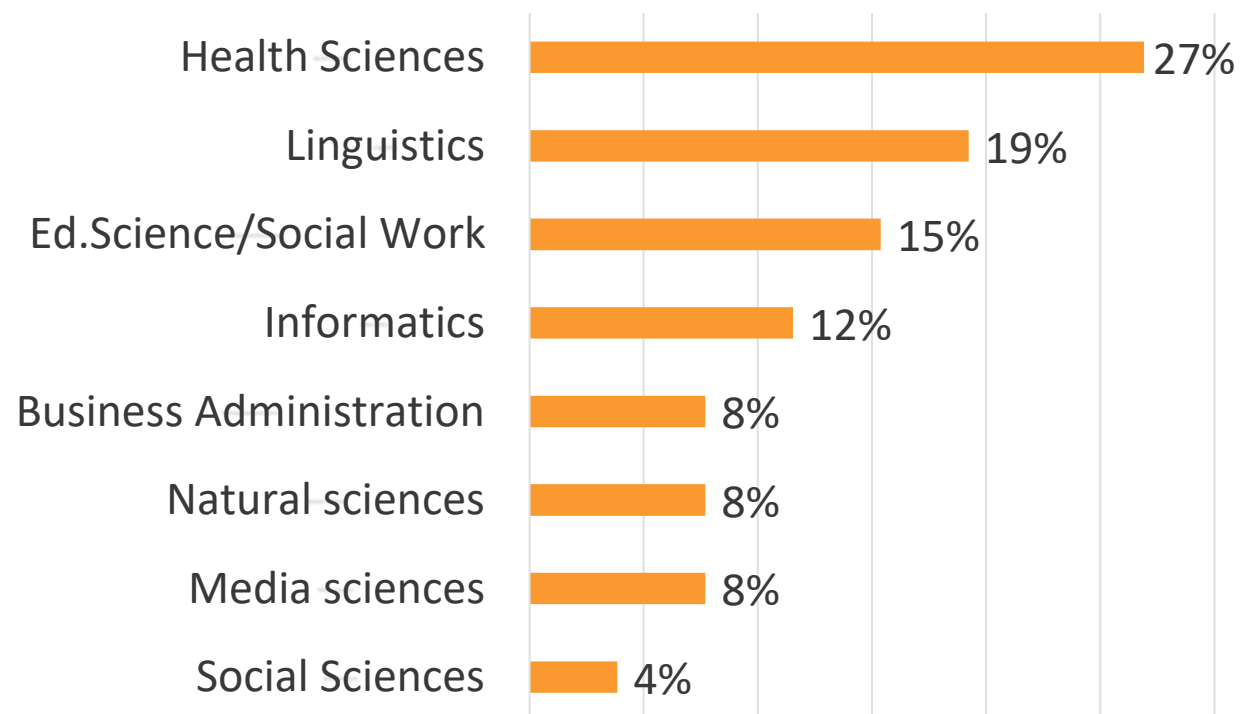
## ADOPTION: Interim results of activities promoting safer nightlife among clubs and partygoers in Chemnitz (Germany)

**Implementation progress:** 31 peers trained; 3 of 12 peer-led activities implemented in clubs

Social demographics of peers (N=26)

Social demographics		
Gender	Male	35%
	Female	42%
	Other	19%
Age	M (SD)	26.4 (5.8)
Professional qualification (multiple response)	University qualification	36%
	Vocational qualification	16%
	Current University student	60%
	Other	12%

Subject area of peers (graduates & current students (N=20)



## ADOPTION: Interim results of activities promoting safer nightlife among clubs and partygoers in Chemnitz (Germany)

### Training evaluation and prior participation in safer nightlife activities (N=25)

Training and experience		%
I received new information during training	Completely agree or rather agree	80%
All my questions were resolved during training	Completely agree or rather agree	80%
I have previously participated in safer nightlife activities	Yes	44%

### Reasons for participation in safer nightlife activities (N=22)

Open answers (summarized)	N
To make drug use and/or nightlife safer	7
Because of my specific interest and/or experiences	6
Because it is meaningful and/or necessary work	5
To support peers	4
Because I support the safer nightlife approach	3
Because it is fun	2
Because I get payed	1
To support research	1

## Technical Definition

Fidelity to the intervention protocol, and including adaptations, time, and cost as well as the reasons why (qualitative).



# IMPLEMENTATION

## Pragmatic Use

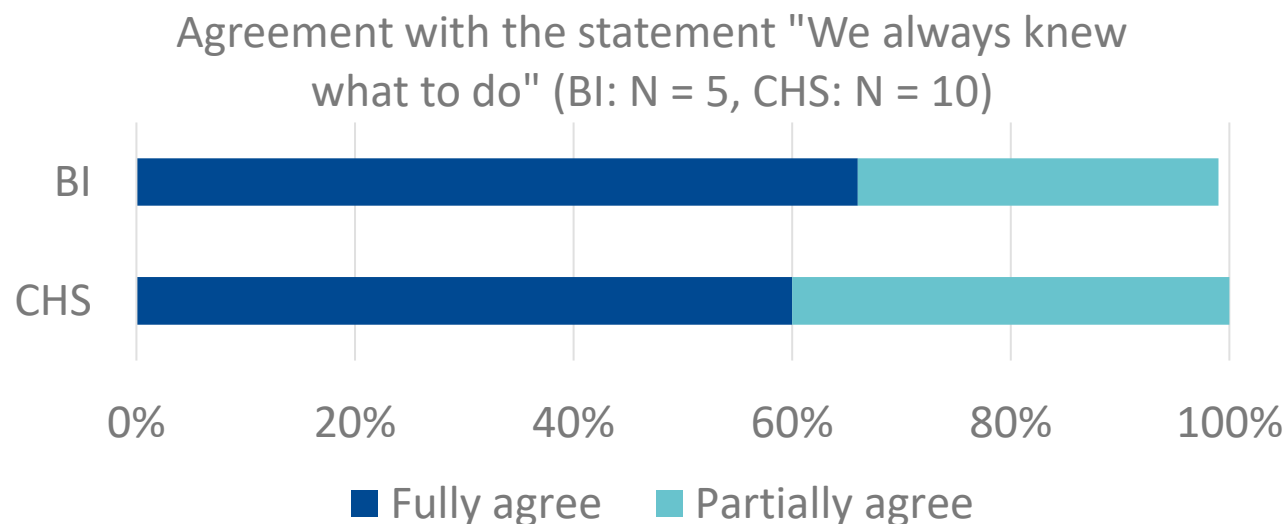
**HOW** consistently was the program delivered, how was it adapted, how much did it cost, and **WHY** did the results come about?

## IMPLEMENTATION: Interim results of brief interventions for partygoers (BI) and chemsex harm reduction (CHS) in nightlife settings in Prague (Czech Republic)

### Implementation progress:

Type of intervention	No. of events	No. of persons reached
Brief Intervention (BI)	5 out of 10 smaller events	5 provided with BI
Chemsex Harm Reduction (CHS)	3 out of 4 festivals	206 (data from Prague Pride)

### Quality assesement by providers:



## IMPLEMENTATION: Interim results of brief interventions for partygoers (BI) and chemsex harm reduction (CHS) in nightlife settings in Prague (Czech Republic)

### Quality assesement by target group:

#### Chemsex Harm Reduction (CHS):

- 90 % (N=175) found about new risks of chemsex
- 97 % (N=188) will be more attentive to the risks of chemsex

#### Brief Intervention (BI):

- 5 out of 5 agreed with statement „I would recommend this to someone else“
- 2 out of 5 declared they received new information about risks of stimulants

### Cost assesement:

#### Chemsex Harm Reduction (CHS):

about 1.000 Euro per festival day

#### Brief Intervention (BI):

about 700 Euro per smaller event

## Technical Definition

The extent to which a program becomes institutionalized at the setting level or sustained at an individual level as well as the reasons why (qualitative).



MAINTENANCE

## Pragmatic Use

**WHEN** was the program operational and how long are the results sustained?



## MAINTENANCE: Interim results of education and harm reduction among recreational psychoactive substance users in Lithuania

### Implementation progress:

Type of intervention	No. of events	No. of persons reached
Educational lecture on safer chemsex	3 out of 3 events	85
Drug checking services	5 out of 5 festivals	400 drug testing kits distributed

### Potential for further implementation of services:

#### Educational lecture on safer chemsex:

- Intervention can be delivered outside of the IMPRESA project
- Focus on smaller targeted events instead of large festivals

#### Drug checking services:

- Planned be continued next festival season
- Could be expanded to day parties at larger clubs in Vilnius where harm reduction services are available

## MAINTENANCE: Interim results of education and harm reduction among recreational psychoactive substance users in Lithuania

### Barriers and facilitators for further implementation of services:

<b>Educational lecture on safer chemsex</b>	<b>Barriers</b>	<ul style="list-style-type: none"> <li>• Difficulty of finding appropriate settings for reaching the target group</li> <li>• Lack of stakeholders working with MSM in health and drug care sector</li> <li>• Lack of financing</li> </ul>
	<b>Facilitators</b>	<ul style="list-style-type: none"> <li>• Importance of safer chemsex practices and safer drug use for MSM</li> </ul>
<b>Drug checking services</b>	<b>Barriers</b>	<ul style="list-style-type: none"> <li>• Lack of financing and of human resources</li> <li>• Fear of prosecution among people who use drugs</li> <li>• Unwillingness of festival and party organizers to invite drug checking services</li> </ul>
	<b>Facilitators</b>	<ul style="list-style-type: none"> <li>• Relatively inexpensive and easy to implement</li> <li>• Increasing awareness, expectations and popularity among people who use drugs</li> </ul>

# Thank you very much for your attention!

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