



 **EUROPOL**

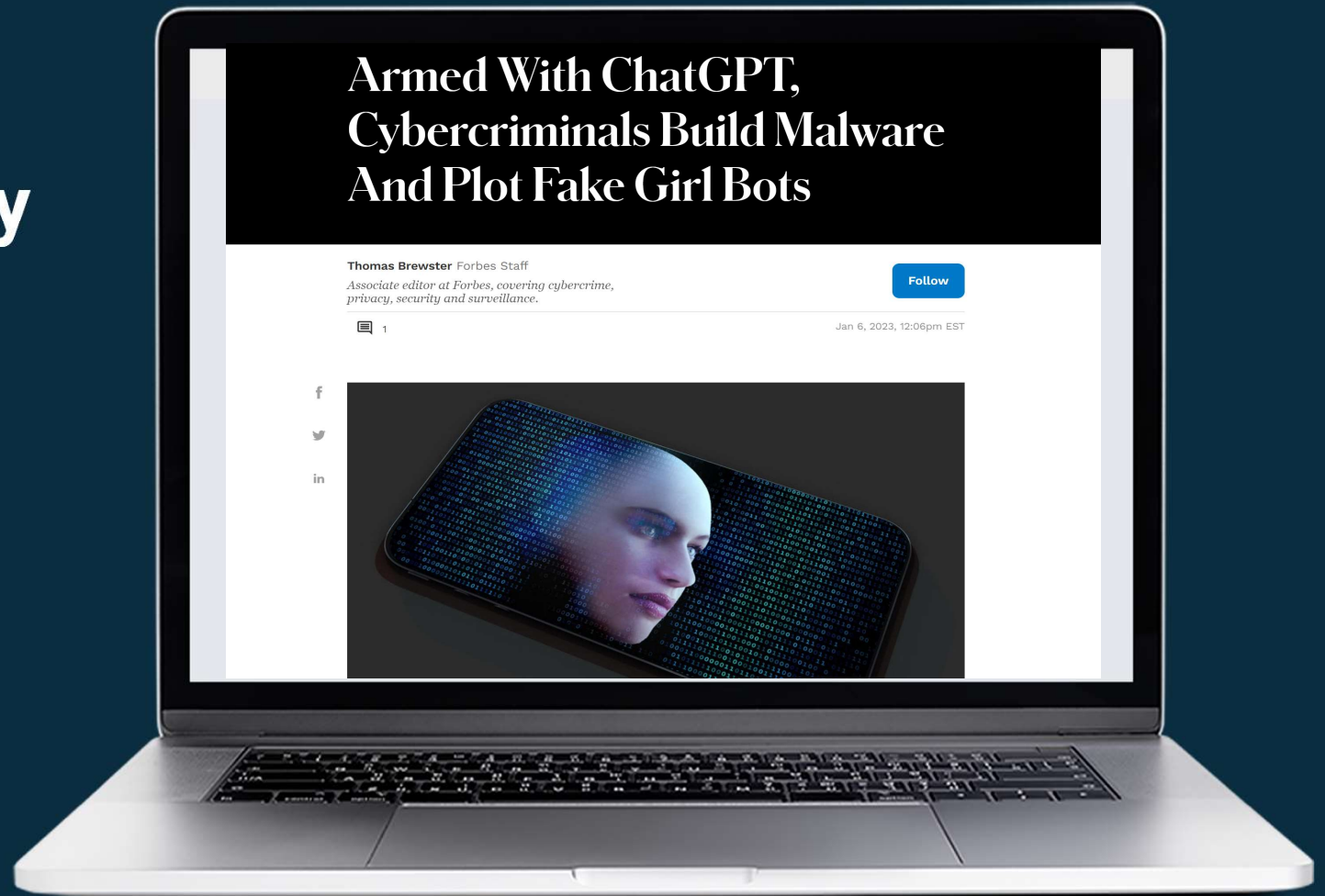

INNOVATION LAB


***A Strengthened role for Europol in the
EU Security Research and Innovation
Ecosystem***

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Europol Unclassified – Basic Protection Level.

Criminals are early technology adopters



But so are Law Enforcement Agencies



READY FOR A gpt CHATATHON?

The Innovation Lab is organising a workshop on ChatGPT-3, the latest language model developed by OpenAI. Join us to explore the full potential of the tool and speculate on how it can be used for criminal purposes.

Bring your best role-playing skills, for a highly interactive session!

WHEN? 16 February 2023 | 14:00

WHERE? Innovation Room

I WANT TO SIGN UP! The workshop will be limited to a maximum of 20 participants. Apply by sending an email to innovation-lab@europol.europa.eu mentioning your expertise and what you hope to gain from your participation.

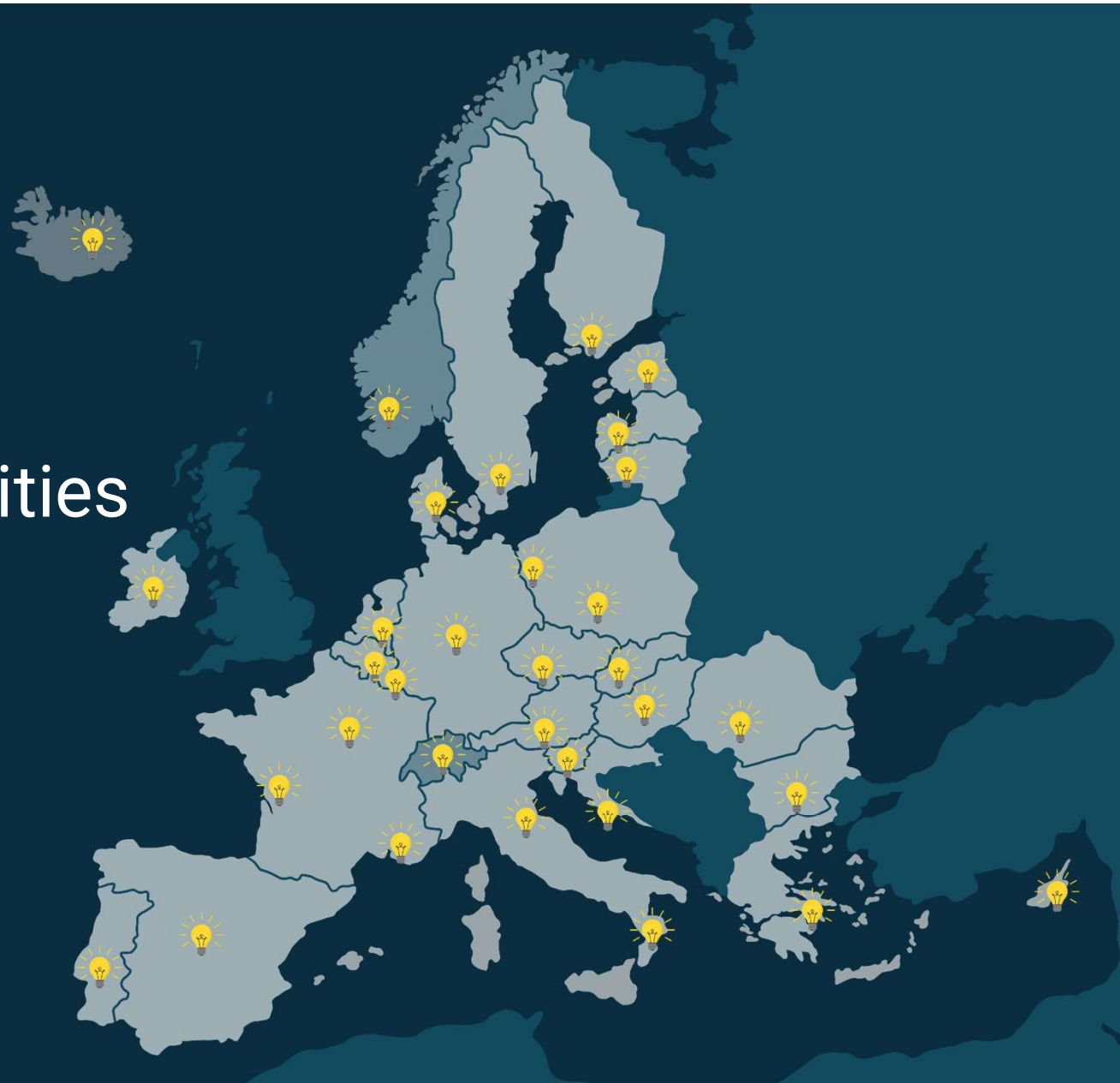


**Criminal abuse
of ChatGPT**
threat assessment

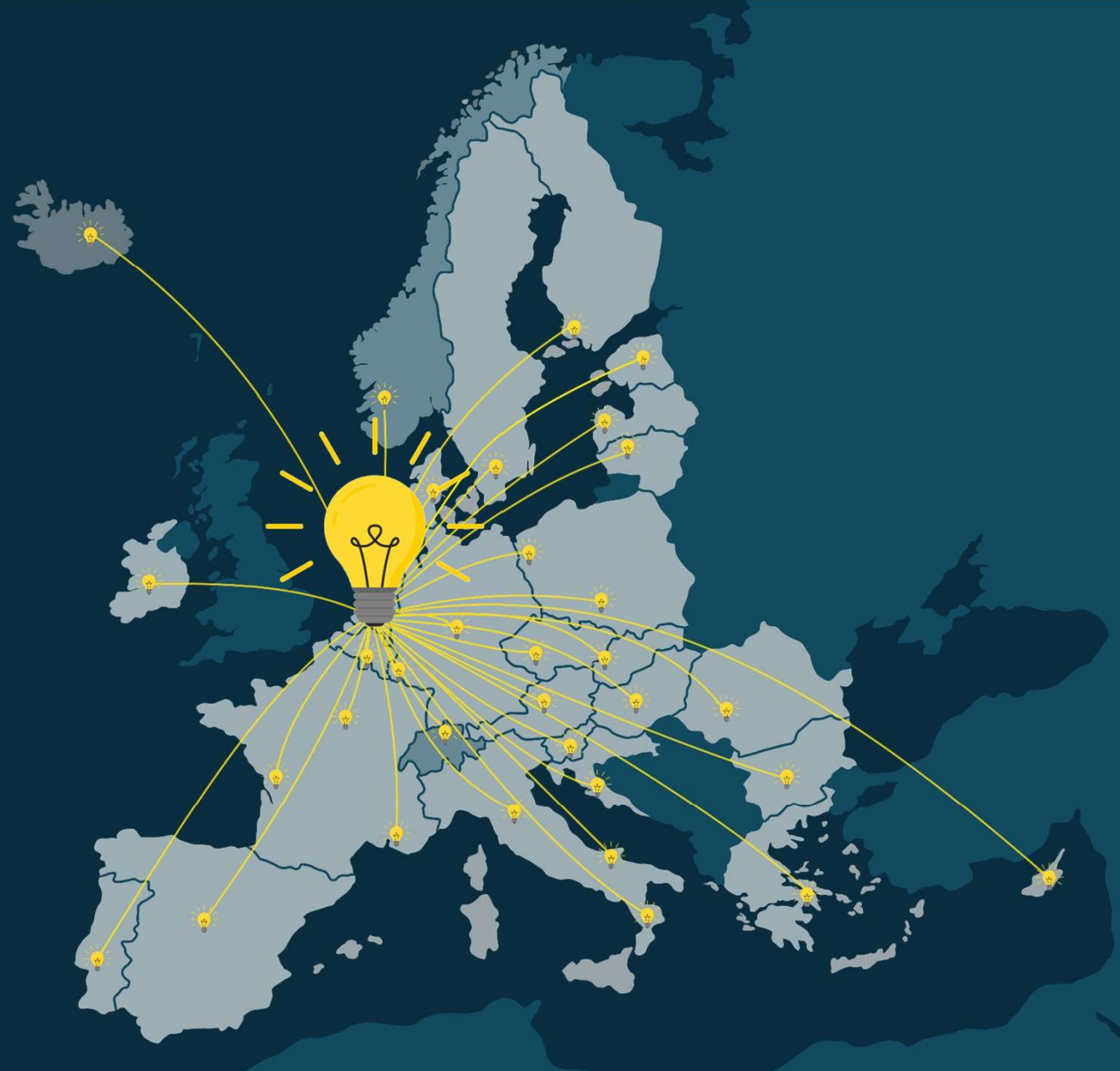
EUROPOL

INNOVATION LAB

- + Duplication
- + Competition
- + Missed opportunities



a place to help
EU Countries to
work together and
embrace innovation



 **EUROPOL**

 **INNOVATION LAB**

What do we do?

We enable Law Enforcement Officers (LEAs) to make the most of the opportunities offered by **new technologies**.

How do we do it?

By co-creating innovative solutions to help them do their job more **efficiently and effectively**.

We offer a structure and a set of services to:

- **anticipate**
- **avoid duplication**
- **create synergies**
- **pool resources**

**POLICY &
NETWORKS**

*academia, industry and
practitioners networks*

*coordinate innovation across
the internal security sector*



**PROJECTS
& TOOLS**

*co-creating innovative
tools and methods*

OBSERVATORY

*foresight and technology
monitoring*

Innovation Lab **OBSERVATORY**

*foresight and technology
monitoring*

- + Quantum computing
- + Multi-party Computing
- + Homomorphic encryption
- + Biometric vulnerabilities
- + Metaverse for investigators
- + AI Generative models





EUROPEAN
CLEARING BOARD



27 MEMBER
STATES +
SCHENGEN

GOVERNANCE
BOARD



NETWORK OF
INNOVATORS

INNOVATION LAB



REQUESTS FOR
INFORMATION





EUROPEAN CLEARING BOARD

Core Groups

- Secure Communications  
- Facial Recognition Technologies  
- Satellite Imagery  
- Forensic of Fraudulent Documents  
- Darknet Monitoring 
- Speech to Text analysis  
- Virtual Reality  
- Online Policing  
- Illegal trafficking in cultural goods 



Strategic Groups:

- Artificial Intelligence  
- Technologies and Ethics  
- Horizon Scanning and Foresight  



Maintaining the network of **Innovators**



EUROPOL INNOVATION AWARDS



INNOVATION DEMO SERIES

europol
tool wiki



Wiki to access expert knowledge and assessments on existing tools used elsewhere.

europol
innovation grants



Targeted financial support for co-creation of innovative tools

europol
code repository



A secure collaborative development environment to facilitate LEA co-creation.

research & innovation
sandbox



Develop and train algorithms on operational datasets

Article 33a ER
Coming up in 2023

europol
tool repository



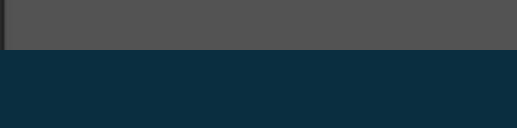
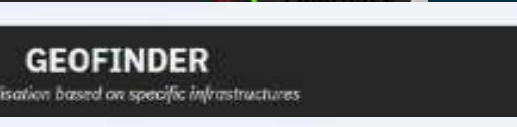
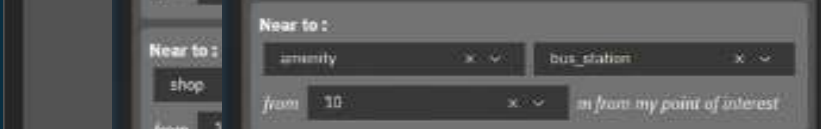
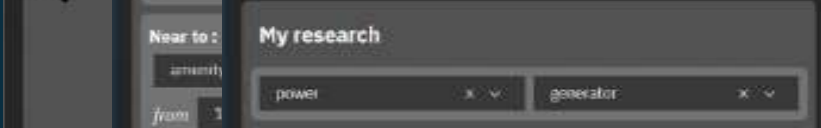
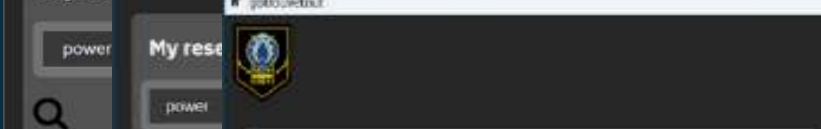
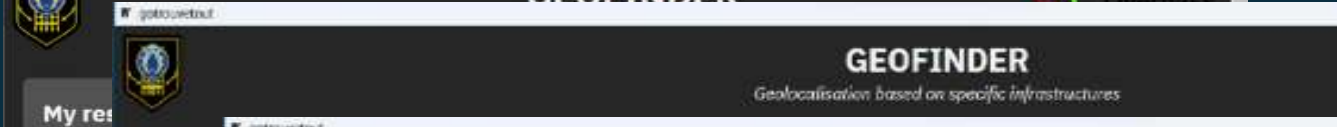
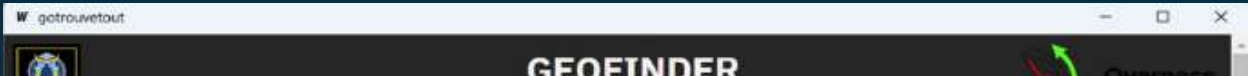
License-free tools ready for download. Share yours with other EU LEAs.

Operational impact of **Innovation**



europol
**tool
repository**





Results

Map Request Result Datable

356

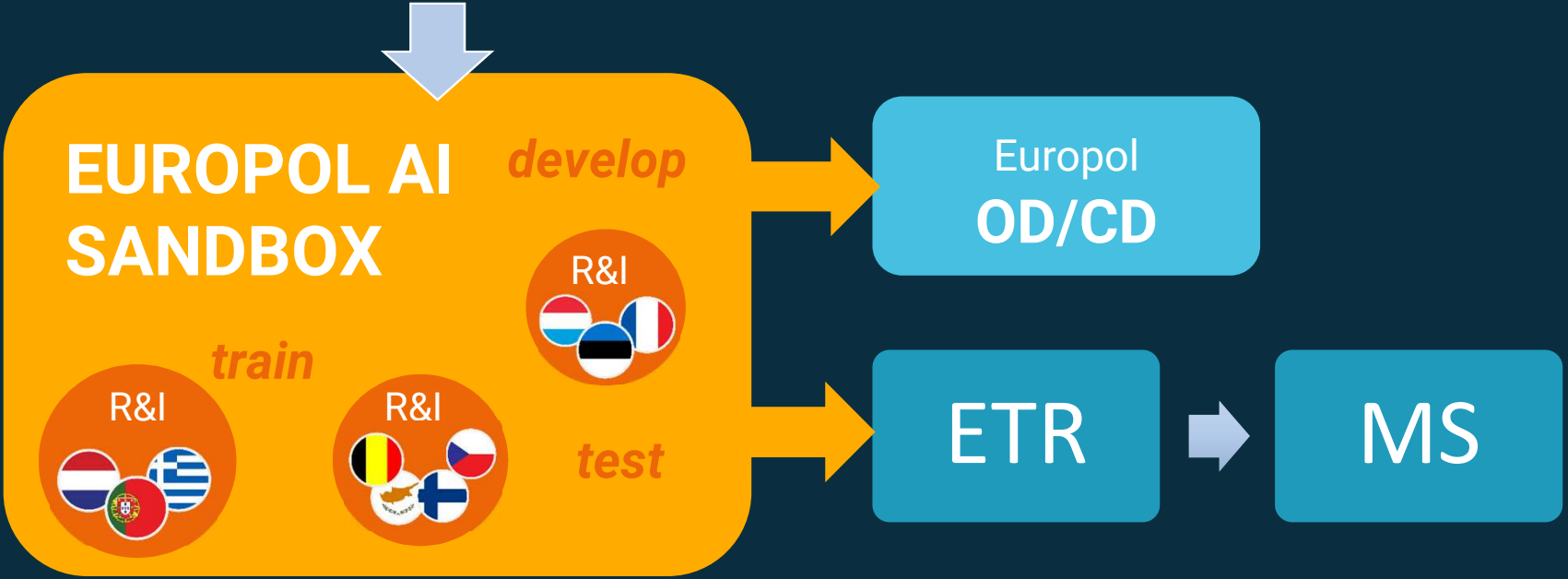
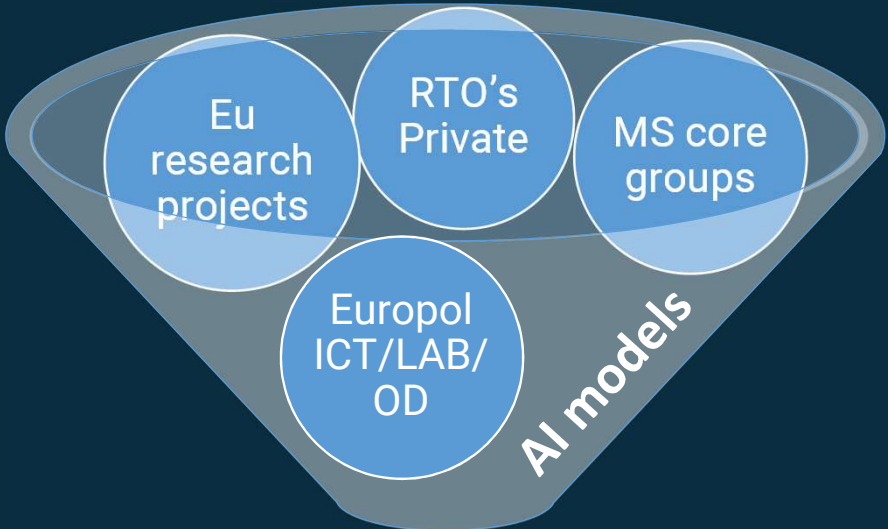
Overpass Turbo 1 results

Google Maps

1!

1 result

research & innovation **sandbox**



Europol IN HORIZON 2020

Europol was able to participate as consortium partner in project proposals



STARLIGHT



 EUROPOL

 INNOVATION LAB

Europol IN HORIZON EUROPE

Art. 4a of Europol's amended Regulation:

- Drafting Horizon Europe Work Programmes;
- Evaluating proposals in FCT calls;
- Monitoring and supporting funded projects of interest;
- No participation as beneficiary.

Europol IN HORIZON EUROPE

Our role in funded projects:

- De facto advisors, e.g. participate in meetings, workshops, pilots;
- Opinion on subject matter, “senior LE user”, reach out to more LEAs than in your project;
- No obligation on either side: win-win opportunities. However...




INNOVATION LAB

THANK YOU
for your attention

Innovation-Lab@europol.europa.eu