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PENTION

PENTION is an **EU co-funded project** developing a next-generation vapour detector based on Differential Mobility Analysis and Mass Spectrometry for the rapid and accurate detection of synthetic drugs and their precursors.

By generating precise chemical fingerprints, the project enables the identification of trace-level and emerging substances, strengthening Europe's ability to combat synthetic drug production and trafficking with advanced, non-invasive tools.

Designed for maximum operational flexibility, PENTION will be developed in two versions:



A stationary unit designed for detection in warehouses and cargo storage areas.



A mobile version integrated in a van, capable of detecting vapours directly in open areas and clandestine production zones.

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**Co-funded by
the European Union**

This project has received co-funding from the European Union under Grant Agreement No 101225765. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.