

Technological advances are rapidly and radically changing human society, with 'smart' sensors and gadgets penetrating almost all facets of daily life. Developments in the fields of data availability and Artificial Intelligence technologies present great challenges for law enforcement and policing, with criminals potentially exploiting these technologies more quickly than law enforcement can bring new techniques to bear. At the same time, the technology that enables these new crime patterns also offers the possibility of a step-change in law enforcement.

## ABOUT ALIGNER

ALIGNER is a European Commission-funded Coordination and Support Action that aims to bring together European actors concerned with Artificial Intelligence, Law Enforcement, and Policing to collectively identify and discuss needs for paving the way for a more secure Europe in which Artificial Intelligence supports law enforcement agencies while simultaneously empowering, benefiting, and protecting the public.

To achieve this, ALIGNER will establish a forum for exchange between practitioners from law enforcement and policing, civil society, policymaking, research, and industry to design an AI research and policy roadmap meeting the operational, cooperative, and collaborative needs of police and Law Enforcement. The workshops will be supported by an AI technology watch process as well as ethical and legal assessments.

Duration: 36 months (01/10/2021 – 30/09/2024)

Website: [www.aligner-h2020.eu](http://www.aligner-h2020.eu)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 101020574.

# THE ALIGNER TEAM

ALIGNER's interdisciplinary team includes three European law enforcement agencies and research scientists and industry experts with focus on Artificial Intelligence, Ethics, and Law. The project is co-ordinated by Fraunhofer IAIS.



The logo for KU Leuven, consisting of a dark blue rectangular box with the text "KU LEUVEN" in white, bold, sans-serif capital letters.



The logo for Polizeipräsidium München, featuring the text "Polizeipräsidium München" in a blue sans-serif font, with a stylized sunburst graphic to the right.

## ALIGNER'S SISTER PROJECTS

ALIGNER is not alone in its project activities. Together with two other EU-funding projects, it builds an Artificial Intelligence cluster that closely collaborates.

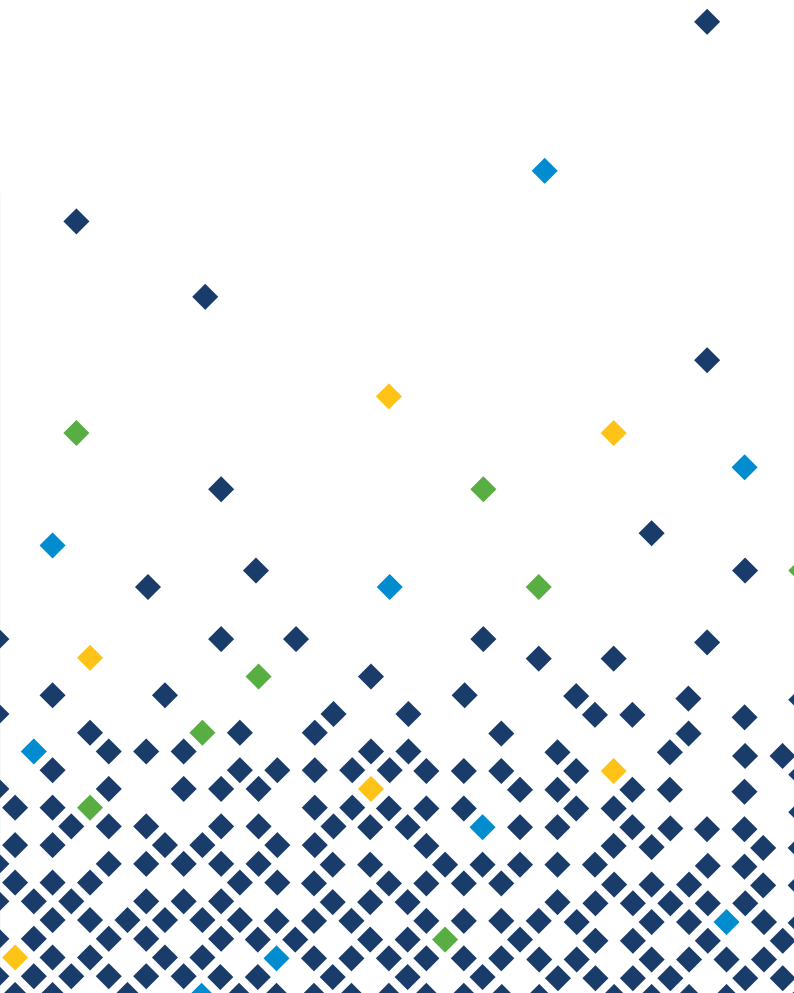
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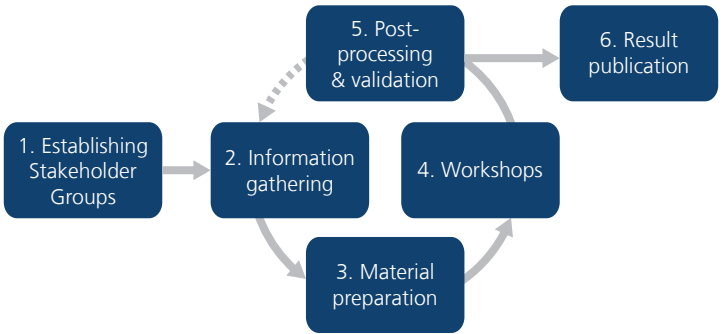
**popAI** - [www.pop-ai.eu](http://www.pop-ai.eu)

**STARLIGHT** - [www.starlight-h2020.eu](http://www.starlight-h2020.eu)

# ALIGNER

Towards a more secure Europe





## THE ALIGNER APPROACH

ALIGNER starts with connecting European and international experts in stakeholder groups. These stakeholder groups assist the project team in gathering information and steer the project activities to ensure all project outcomes are applicable and relevant.

In addition to input from its stakeholder groups, ALIGNER will establish an AI technology watch process to identify technologies with potential to support law enforcement agencies, but also trends in the criminal use of AI. The AI technologies will be assessed according to their potential impact on police work and associated risks. This process is underpinned by an ethical, legal, and societal assessment process to ensure an ethics-by-design approach.

The collected information will be presented and discussed with ALIGNER's stakeholder groups and other EU projects in a series of workshops to expand and validate ALIGNER's findings.

The validated findings will then be published in dedicated project outcomes as well as an extensive research and policy roadmap.


## PROJECT OUTPUTS

The main outcome of ALIGNER is the AI research and policy roadmap. In addition, ALIGNER will produce a number of supporting documents and results, among them:

- ◆ Yearly policy recommendations
- ◆ Archetypical future scenarios on the use and misuse of AI
- ◆ A taxonomy of AI-supported crime as a warning system
- ◆ Methods and guidelines for AI technology impact assessments
- ◆ Methods and guidelines for ethical & legal assessment of AI technologies

## THE AI RESEARCH AND POLICY ROADMAP

Starting in September 2022, the input from ALIGNER's stakeholder groups and the results of its project activities will be compiled and published as an evolving roadmap document aimed at Law Enforcement Agencies, policymakers, and researchers. This document will be updated with new developments and insights every six months. Some of the topics this roadmap document might cover include:

- ◆ Scenarios & capabilities
  - ◆ AI solutions
  - ◆ Ethical, societal & legal aspects
  - ◆ Challenges & unintended consequences/threats
  - ◆ Cybersecurity requirements
  - ◆ Policy & research recommendations
  - ◆ Projects & initiatives mapping
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## GETTING INVOLVED

To allow broad participation of practitioners, researchers, industry professionals, policymakers and members of civil society, ALIGNER makes use of its Law Enforcement Agency Advisory Board and its Scientific, Industrial and Ethics Advisory Board. Members of these advisory boards can participate in project workshops, provide feedback and guidance on activities and outcomes of the project, and will act as information conduits between the project and other stakeholders.

Individual experts can become members of ALIGNER's advisory boards by declaring interest via the project website.

### **Law Enforcement Advisory Board (LEAAB)**

The LEAAB gathers professionals from policing and law enforcement, security professionals, customs agencies, and other law enforcement agencies. Its members provide ALIGNER with information on capacity enhancement needs and other requirements for the use of AI in law enforcement.

### **Scientific, Industrial and Ethics Advisory Board (SIEAB)**

The SIEAB consists of researchers, industry professionals, ethicists and civil society representatives, and academia. Its members provides ALIGNER with input on current developments from industry and research.

