



AITHENA 2nd Practitioners Online Workshop

26 February 2025
10:00 - 11:45 Brussels time

About the Althena project:

The AITHENA project proposes the definition of a common and harmonized methodology for AI-based CCAM solutions (perception, situational awareness, decision-making and traffic management) development and testing focusing on the trustworthy AI pillars (accuracy, explainability, accountability, privacy, ethics) to serve the diverse end user types: vehicle drivers, function developers, and certification/legal bodies. AITHENA will work and advance on three AI aspects: DATA, AI MODELS development and TESTING and Validation approaches.

<https://aithena.eu/>

Agenda

10:00 – 10:10 - Welcome and introduction

- Welcome and opening remarks.
- Overview of the workshop objectives.
- Brief introduction to the Althena project and key updates since the last workshop.

10:10 – 10:30 - Presentation: “Building a Trustworthy AI Methodology in Althena”

- Introduction to the Althena methodology for ensuring trustworthy AI.
- Exploration of real-world applications of the methodology in Connected, Cooperative and Automated Mobility (CCAM) systems.

10:30 – 10:50 - Presentation: “Data Anonymisation Pipelines and GDPR Compliance”

- Overview of GDPR principles and their implication for data processing.
- Explanation of data anonymisation pipelines and characterisation techniques in AI workflows.

10:50 – 11:30 - Interactive session and demonstration: “Addressing Real-World Challenges with the Althena Approach”

- Part 1: Interactive discussion
 - Participants share their experiences and challenges in implementing trustworthy AI practices.
 - Discussion topics:
 - Application of the Althena methodology to specific use cases.
 - Key challenges and opportunities for improvement.
- Part 2: Practical demonstration and discussion
 - Walkthrough Althena Use Cases 1 and 3 to demonstrate:
 - Application of data anonymisation pipelines.
 - Integration of the trustworthy AI methodology into the use cases.
- Part 3: Open discussion with participants on lessons learned and potential enhancements.

11:30 – 11:45 - Closing remarks and next steps

- Summary of workshop highlights and key takeaways.
- Information on upcoming Althena activities.
- Closing remarks.

