



GeoAI for Security

Enhancing Copernicus Security Services - EU governmental crisis management hub for forced population displacement

Newsletter N° 2 – July 2026 From Innovation to Operational Impact

Welcome to the second issue of the THEIA Newsletter!

We are excited to launch this series of updates, where we will share key project milestones, events, progress, and insights from the consortium. THEIA aims to enhance Copernicus Security Services and deliver an EU governmental crisis-management hub dedicated to supporting forced population displacement scenarios. Through these newsletters, we look forward to keeping stakeholders and the wider community informed throughout the journey.

Project start: December 2024

Project duration: 30 months

Expected end: May 2027

This project has received funding from the European Union's Horizon Europe research and innovation programme under GA 101190051. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.



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GeoAI for Security

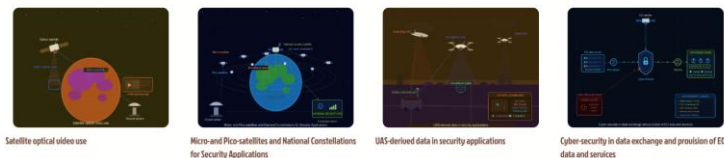
New THEIA Website



A redesigned platform for communication and stakeholder engagement

✓ Home page

✓ News page



Latest From Our Blog
The latest news of the THEIA project.

A4COPSEC-THEIA Workshop on 'Next-Generation Solutions for Border Security & Crisis Response'

May 12, 2026
We are pleased to invite you to the joint A4COPSEC-THEIA online workshop on "Next-Generation Solutions for Border Security and Crisis Response" taking place on 12 May 2026 from 10:00-11:00 CET. This workshop will bring together key stakeholders from the fields of border security, crisis management, Earth Observation, and Artificial Intelligence to explore how next-generation technologies...

First Join A4COPSEC & THEIA workshop

May 12, 2026
We are pleased to see the successful completion of the first joint A4COPSEC & THEIA workshop, bringing together experts, researchers, policymakers, and operational stakeholders to discuss the future of AI-powered maritime safety and crisis response. The workshop, "Next-Generation Solutions for Maritime Safety and Crisis Response", highlighted how A4COPSEC, GeoAI, Earth Observation, and data fusion technologies...

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New collaboration: COLOSSUS

July 16, 2026
We are pleased to announce a new collaboration between THEIA EU Project and COLOSSUS Project, two Horizon Europe initiatives working towards enhancing security, resilience, and operational decision-making through advanced artificial intelligence and Earth Observation technologies. By bringing together complementary expertise, THEIA and COLOSSUS will promote knowledge exchange, while exploring opportunities for future collaboration in areas...

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New collaboration: CROSSMARE

June 26, 2026
From the beginning of the THEIA and CROSSMARE projects, both consortia have recognised the importance of building strong synergies with other Horizon Europe initiatives addressing European security, maritime surveillance, and Earth Observation. In this context, THEIA and CROSSMARE have initiated a structured collaboration to exchange knowledge, share technical developments, explore common research challenges, and...

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News



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New collaboration: BorderForce

June 22, 2026
From the beginning of both THEIA EU Project and BorderForce projects, strong emphasis has been placed on building synergies with other EU-funded initiatives operating in related domains. [Read more](#)



THEIA at BEYOND Expo 2026

June 17, 2026
We are delighted to share that the THEIA EU Project was showcased at the BEYOND Expo 2026, one of the leading technology and innovation events in Southern Europe. During the...

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Key improvements include:

- ◆ A modern and intuitive interface with improved navigation.
- ◆ Regular project news and communication updates.
- ◆ Dedicated sections for publications, public deliverables, and dissemination material.
- ◆ New Use Cases presenting the practical applications of THEIA technologies.



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Coordinator: Geosystem Hellas S.A
Mrs. Liza Panagiotopoulou



GeoAI for Security

Dissemination Activities



✓ Events

The THEIA consortium participated in several workshops ... some pictures of the events:



Fig. 1: THEIA on HaDea Showcase

On 19 January 2026, the THEIA project will be featured at the HaDEA Showcase Event 2026, organised by the European Health and Digital Executive Agency (HaDEA) in Brussels.



Fig. 2: THEIA on EU Space

THEIA participated in the HaDEA-organised workshop “Artificial Intelligence and Earth Observation: From Innovation to Services”, which brought together key stakeholders from across the European space and research ecosystem



Fig. 3: THEIA on RISE-SD 2026

THEIA Project was successfully presented at the Research and Innovation Symposium for European Security and Defense (RISE-SD 2026) in Varna, Bulgaria. Our coordinator, Liza Panagiotopoulou, presented THEIA’s vision and progress, highlighting how Artificial Intelligence and Earth Observation can enhance Copernicus Security Services.



Fig. 4: THEIA at BEYOND Expo 2026

We are delighted to share that the THEIA EU Project was showcased at the BEYOND Expo 2026, one of the leading technology and innovation events in Southeast Europe. During the exhibition, our Project Coordinator, Liza Panagiotopoulou, represented THEIA and engaged with researchers, industry leaders, policymakers, and technology experts to discuss how GeoAI, Earth Observation, and multi-source data fusion can enhance Copernicus Security Services.

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Coordinator: Geosystem Hellas S.A
Mrs. Liza Panagiotopoulou



Meet our partner series



✓ GEOSYSTEMS HELLAS



We are pleased to introduce the project coordinator of THEIA:

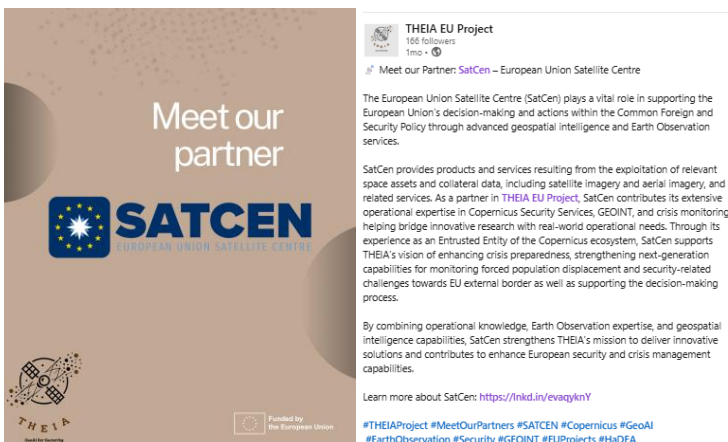
GEOSYSTEMS HELLAS S.A. is a leading provider of geospatial solutions, Earth Observation technologies, and data analytics services. With extensive experience in space technologies, environmental monitoring, and geospatial intelligence, the company plays a key role in delivering innovative solutions that support informed decision-making.

As the coordinator of **THEIA EU Project**, **GEOSYSTEMS HELLAS S.A.** leads the overall project management and strategic direction, along with the development of the THEIA platform and the processing of satellite imagery using Machine Learning techniques for object detection. It also ensures strong collaboration across the consortium and alignment with the objectives of the Copernicus Security Services.

Learn more: <https://lnkd.in/dGwzsrpG>

#THEIAProject #EarthObservation #GeoAI #Copernicus #Innovation #HaDEA

✓ SATCEN



Meet our Partner: **SatCen** – European Union Satellite Centre

The European Union Satellite Centre (SatCen) plays a vital role in supporting the European Union's decision-making and actions within the Common Foreign and Security Policy through advanced geospatial intelligence and Earth Observation services.

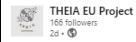
SatCen provides products and services resulting from the exploitation of relevant space assets and collateral data, including satellite imagery and aerial imagery, and related services. As a partner in **THEIA EU Project**, SatCen contributes its extensive operational expertise in Copernicus Security Services, GEINT, and crisis monitoring, helping bridge innovative research with real-world operational needs. Through its experience as an Entrusted Entity of the Copernicus ecosystem, SatCen supports THEIA's vision of enhancing crisis preparedness, strengthening next-generation capabilities for monitoring forced population displacement and security-related challenges towards EU external border as well as supporting the decision-making process.

By combining operational knowledge, Earth Observation expertise, and geospatial intelligence capabilities, SatCen strengthens THEIA's mission to deliver innovative solutions and contributes to enhance European security and crisis management capabilities.

Learn more about SatCen: <https://lnkd.in/evagynY>

#THEIAProject #MeetOurPartners #SATCEN #Copernicus #GeoAI #EarthObservation #Security #GEINT #EUProjects #HaDEA

✓ OHB



Meet our Partner: **OHB Digital Services GmbH**

Today, we are pleased to introduce **OHB Digital Services GmbH** (OHB DS), one of the partners of the **THEIA EU Project**.

Based in Bremen, Germany, OHB DS is part of the OHB Group, one of Europe's leading space and technology companies. OHB DS transforms Earth Observation data into operational Geospatial Intelligence. Their cutting-edge digital services combine satellite imagery, GeoAI, data fusion, geospatial analytics, and software engineering to power security operations, environmental monitoring, infrastructure oversight, and smarter decision-making.

As part of THEIA, OHBDS is helping build next-gen Copernicus Security Services - integrating Earth Observation data, advanced geospatial analytics, and AI-powered tools to elevate mission-critical insights. Together with the THEIA consortium, OHB DS helps build innovative solutions that strengthen situational awareness, improve operational decision-making, and enhance Europe's capabilities for crisis management and security applications. These efforts directly support THEIA's mission to deliver a GeoAI-powered crisis management hub that integrates multi-source data for security authorities and end users.

We are proud to collaborate with OHB DS and look forward to the innovations and expertise they continue to bring to the THEIA project.

Learn more: <https://www.ohb-ds.de/en/>

#THEIAProject #MeetOurPartners #OHBDigitalServices #Copernicus #EarthObservation #GeoAI #ArtificialIntelligence #Security #Innovation #HorizonEurope #EUProjects

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Synergies

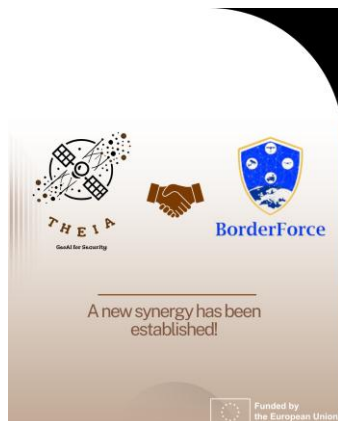


- ✓ **AI4COPSEC**
- ✓ THEIA and AI4COPSEC Workshop.



✓ BorderForce

✓ CROSSMARE





THEIA

Ethics, Data Protection & AI Compliance

THEIA is firmly committed to the highest ethical standards, robust data protection practices, and responsible AI development.

Throughout the project, we acknowledge that challenges related to security, privacy, sensitive data, AI transparency, and operational risk may arise. THEIA addresses these proactively through:

- **Strict adherence to EU ethical and legal frameworks**, including GDPR and Horizon Europe ethics requirements.
- **Responsible use of Artificial Intelligence**, ensuring transparency, accountability, and human oversight.
- **Robust data governance**, including protection of sensitive information, secure data handling, and controlled access aligned with operational needs.
- **Regular internal reviews and risk monitoring** to ensure compliance and ethical integrity throughout the project's lifecycle.

Coming Next – Winter Issue

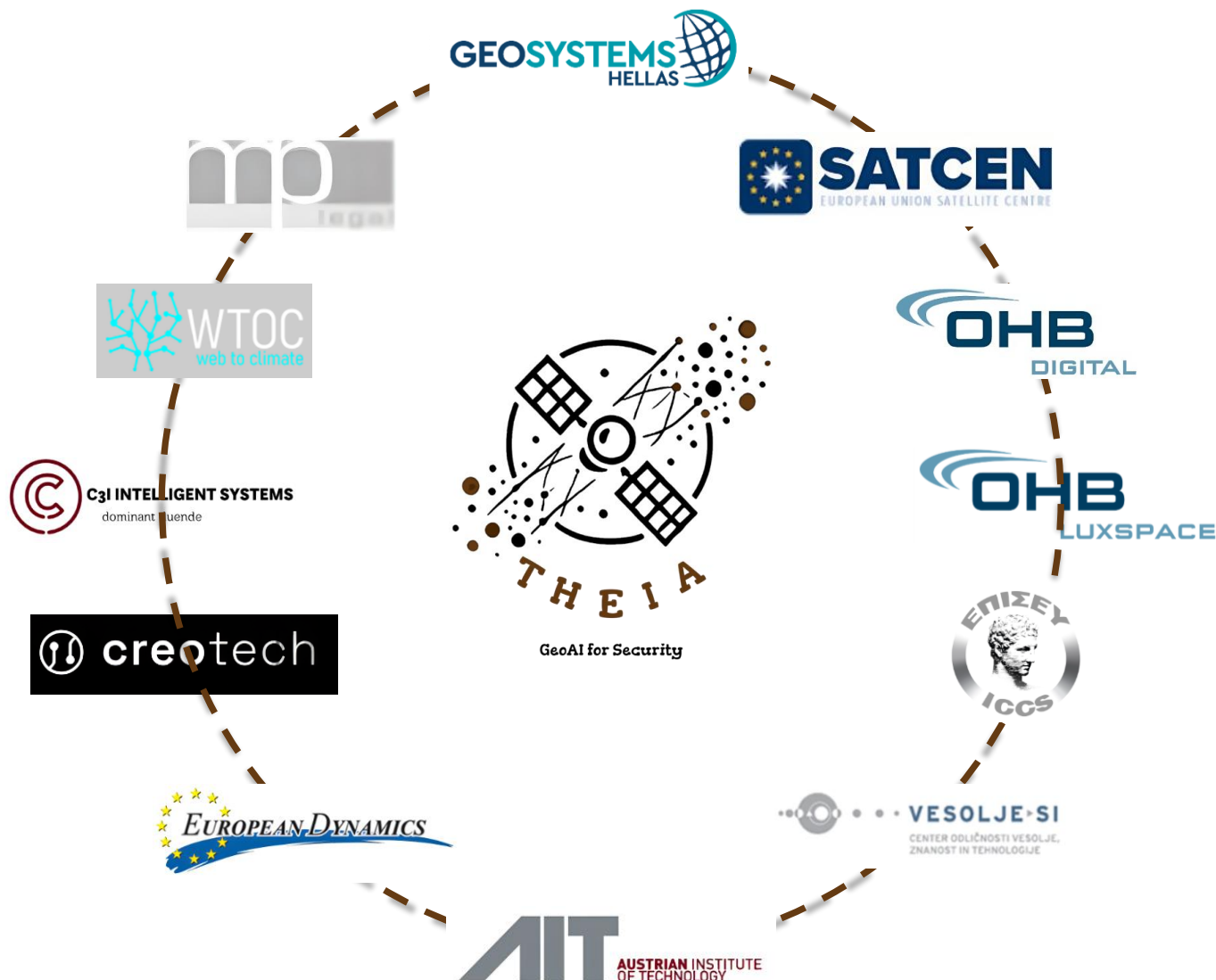
Our next **Winter issue** will explore:

- 🚀 **THEIA Demonstrators**
- 📖 **New scientific publications**
- 👥 **More meet our partners posts**
- 💡 **More synergies**

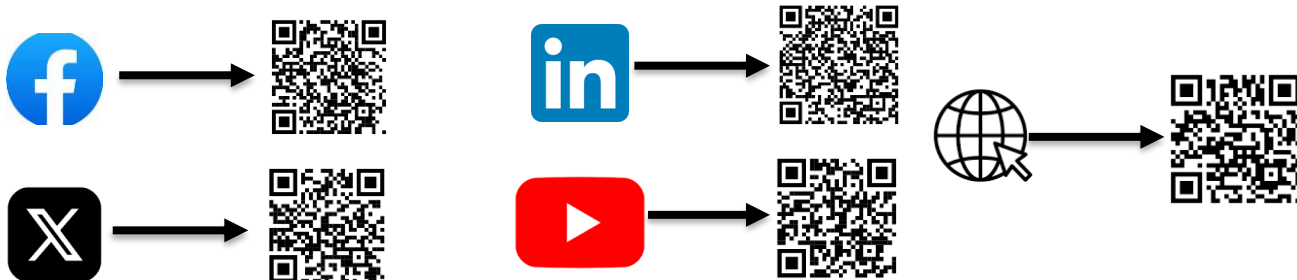
Stay tuned!

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THEIA Consortium



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