GeoAI for Security

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

Newsletter N° 1 – November 2025

Welcome to the first issue of the THEIA Newsletter!

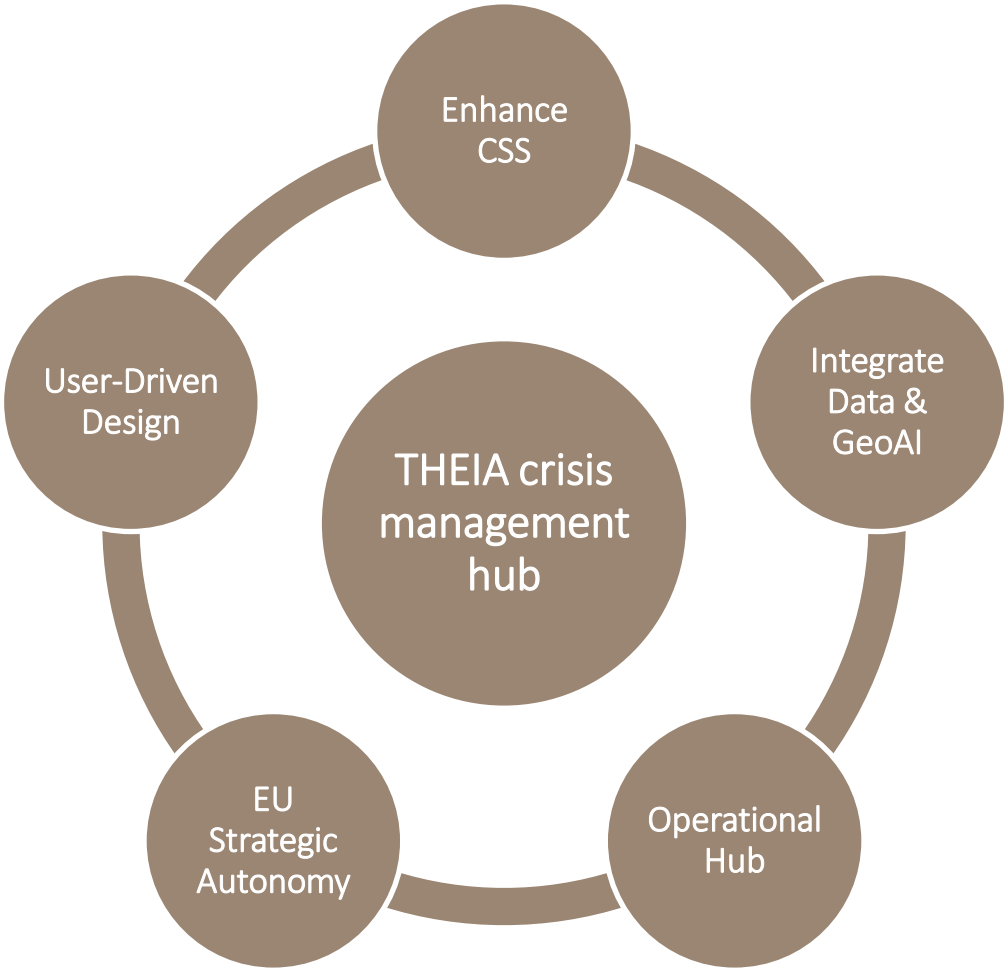
We are excited to launch this series of updates, where we will share key project milestones, events, progress, and insights from the consortium. THEIA aims to enhance Copernicus Security Services and deliver an EU governmental crisis-management hub dedicated to supporting forced population displacement 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.

Funded by the European Union

THEIA
Mission and Objectives



THEIA Mission

THEIA aims to enhance Copernicus Security Services (CSS) by developing an integrated EU governmental crisis-management hub dedicated to supporting forced population displacement scenarios. Leveraging multi-temporal Earth Observation data, advanced data fusion, GeoAI, and machine-learning–based analytics, THEIA strengthens situational awareness and early detection capabilities across Europe.

www.theia-project.eu
Coordinator: Geosystem Hellas S.A
Mrs. Liza Panagiotopoulou

THEIA
Meetings

The **THEIA kick-off** meeting was hosted on the 3rd and 4th December 2025 in Athens (Greece). All partners attended the event. This event officially launching our collaborative efforts toward Enhancing Copernicus Security Services and provide an EU governmental crisis management hub for forced population displacement.

The first THEIA Plenary Meeting was hosted on 23rd and 24th June 2025 (M7) in Vienna (Austria), where Austrian Institute of Technology (AIT) is based. All partners attended this meeting. During the event, the THEIA consortium reviewed the progress, shared insights, and aligned on the next steps toward delivering cutting-edge Earth Observation tools and more.

Fig.1 THEIA kick-off meeting

Fig.2 THEIA first plenary meeting

Planned events:

✓ The next THEIA consortium meeting (M15) will take place in Luxemburg, Luxemburg.

Dissemination Activities

✓ Events

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

Fig.3: Workshop on Research for Security Applications

This workshop was held on October 22. The THEIA project was presented by Betty Charalampopoulou, CEO and President of Geosystems Hellas, which is the Coordinator of the project.

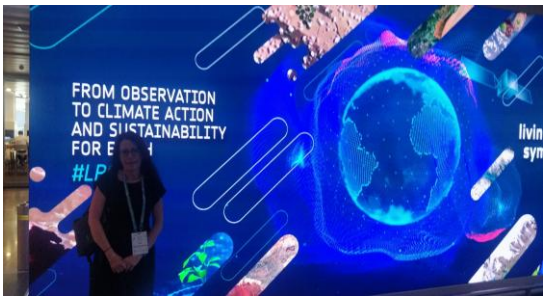


Fig.5 LPS25 - X5 poster area

THEIA was presented with a poster in Session D.02.05: "EO-based solutions to address civil security-related scenarios" on June 25, from 17:45 to 19:00 (CEST) in the X5 Poster Area.

Fig.4 Living Planet Symposium

THEIA was featured with an e-poster at the Living Planet Symposium 2025 in Vienna, June 23–29. DG DEFIS stand explored HaDEA's Earth Observation projects, including ours.

Fig.6 10 years of Copernicus at Frontex

THEIA took part in the celebration of 10 years of Copernicus at Frontex in September 2025. An inspiring event highlighting the evolution of Copernicus services and their role in supporting border security, resilience, and innovation across Europe.

Printed Materials

✓ Conference Posters

The THEIA consortium created several posters for the events.

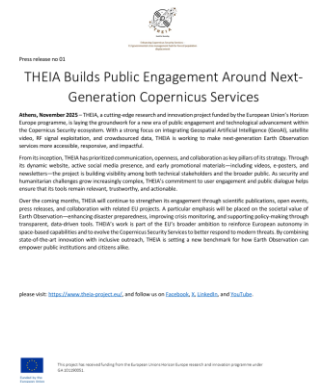
GEO Global Forum 2025

LP25 Defis Stand

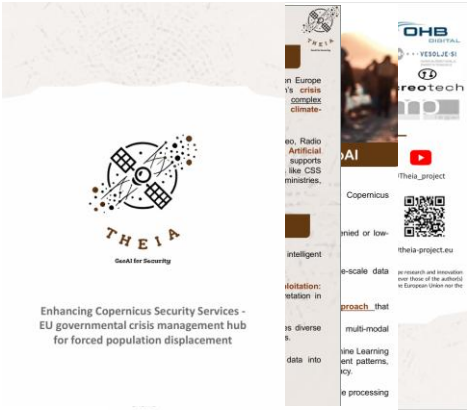
LP25 Session Poster

✓ Dissemination Materials

The THEIA consortium has created several dissemination materials



Press release



Leaflet

Brochure

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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 – Spring Issue

Our next Spring issue will explore:

🌿 THEIA requirements engineering work
📊 Key findings from the first reporting period
🔍 Updates from technical development and user engagement

Stay tuned!

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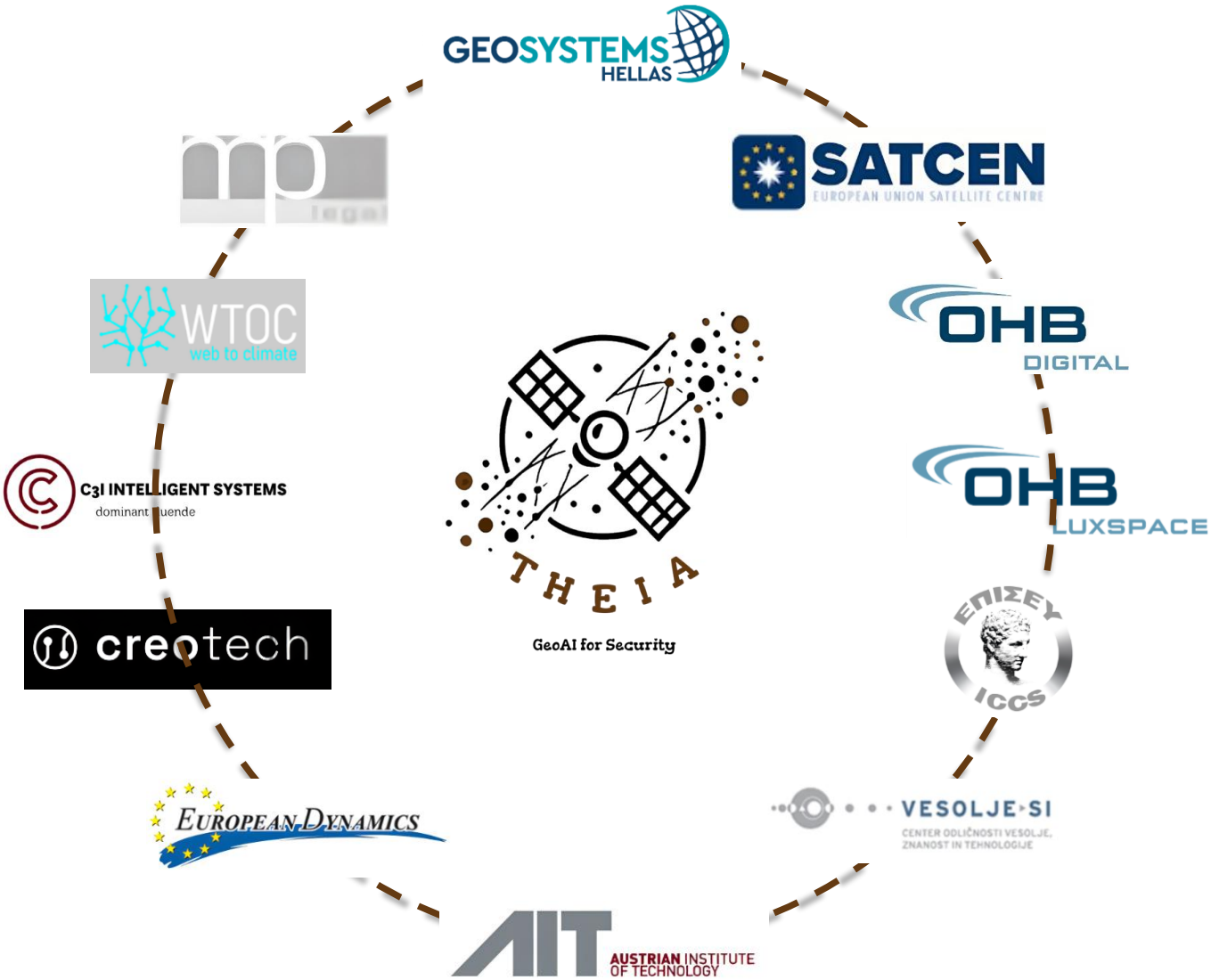
THEIA Consortium



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