

Greece's Hellenic Fire System — the World's First National Satellite Constellation Dedicated to Wildfire Detection

AI in the Public Sector · Good practice · Greece

Quality score: 67/100

Evidence strength: Descriptive / self-reported

Summary

Greece's Ministry of Digital Governance contracted OroraTech, with ESA and EU funding, to build a four-satellite constellation giving hourly thermal coverage and flagging fires as small as 4 metres; it launched in May 2026, but no fire-season performance data is yet public.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	3/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-01

Greek Ministry of Digital Governance and Hellenic Fire Brigade, with OroraTech and the European Space Agency — accessed 2026-08-01

ESA – Hellenic Fire System satellites launched for Greece — accessed 2026-08-01

Euronews – Greece is leading the world in wildfire prevention thanks to satellites and AI — accessed 2026-08-01

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