

SAMPLE CASE · FROM OUR PUBLIC DEMO

LEO Earth observation.

One topic. Seven tabs. Three moves.

How a commercialization read comes together — the actual sample dashboard published at airesearchpartner.com/demo. Open to anyone. No login, no email gate.

 Market

 Funding

 IP landscape

 White space

 Universities

 Priority

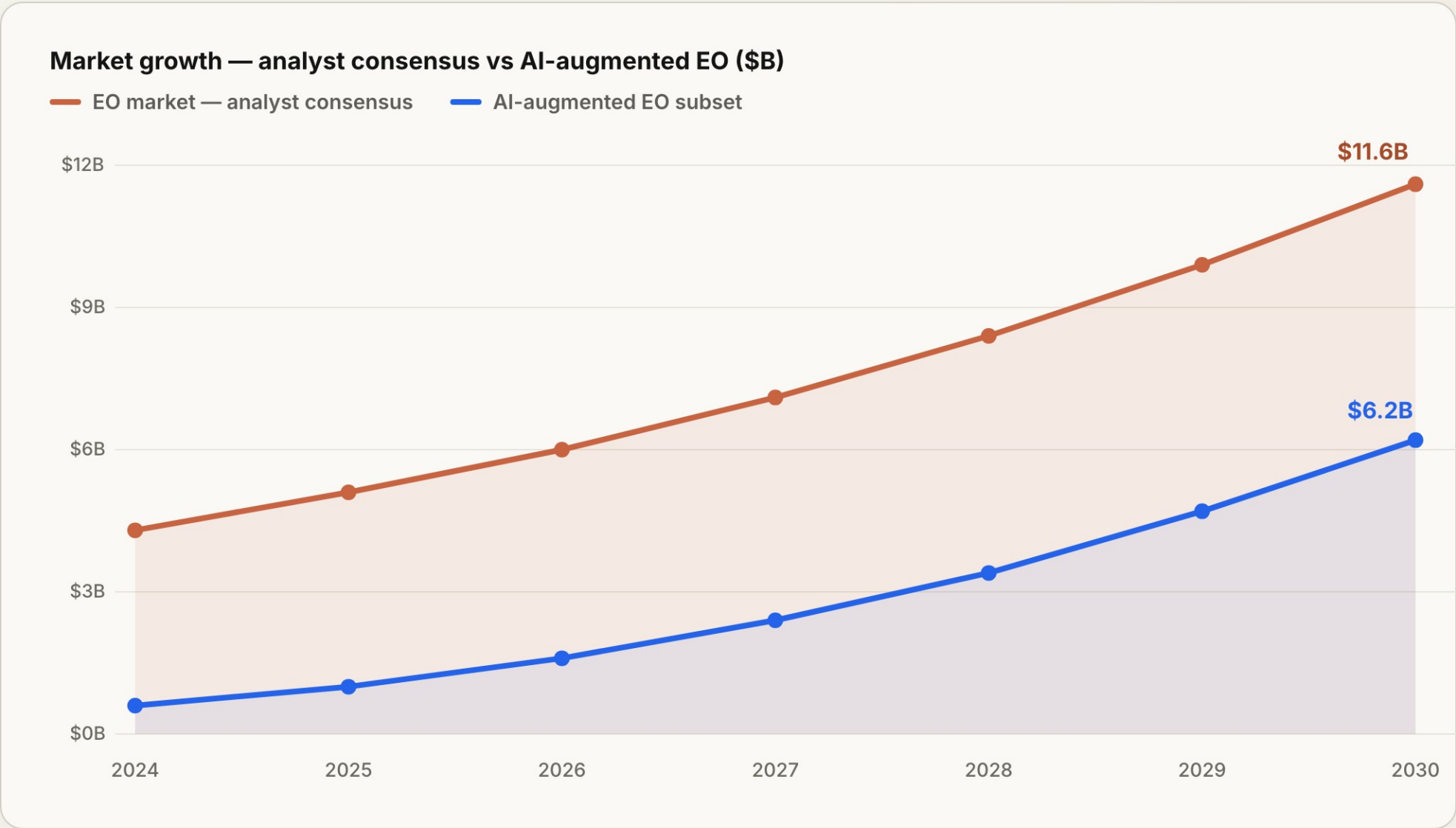
 159 sources

● Representative sample — synthetic data in the exact shape the product generates

See the read



The fast slice inside *the fast market.*



*The AI-augmented slice compounds from **\$0.6B to \$6.2B** — from roughly **14% of the market to over half** by 2030.*

Consensus track: **\$11.6B by 2030**

The AI slice carved out — not averaged in

The fast slice has *an empty patent shelf.*

WHITE-SPACE THEME	IP DENSITY	NOTABLE HOLDERS	OPPORTUNITY
On-board edge AI TRL 4-6	Very low	NVIDIA (1 family)	★★★★★
SAR + hyperspectral fusion	Low	Capella, ICEYE (sparse)	★★★★★
Real-time anomaly detection	Low	Planet Labs (sparse)	★★★★☆
Adaptive imaging optimization	Medium	Maxar, Airbus DS	★★★☆☆
Optical / SAR baseline	High	Maxar, Planet, Airbus	★☆☆☆☆

*The theme riding the steepest growth — **on-board edge AI** — scores **92/100 on IP white space**, while the imaging baselines sit crowded at one star.*

Six-axis score, edge AI: market growth **88** · white space **92** · funding **75** · maturity **38** · path **70** · defense pull **85**

Seven ways to de-risk it *without dilution.*



A **seven-program non-dilutive ladder** — *award ranges and durations side by side, deadlines on the cards.*

Awards: **\$150K – \$5M** Durations: **2 – 5 yr** NASA · NSF · DARPA · DOE · NIH · NOAA · EU

Who to partner with — *and how reachable they are.*

	WS-1 On-board edge AI	WS-2 SAR-optical fusion	WS-3 Anomaly detection	WS-4 Adaptive tasking	Fit
● Stanford US	LEAD				8
● MIT US		LEAD			8
● Caltech US				LEAD	8
● ETH Zürich CH			LEAD		7
● TU Delft NL					7
● KTH SE					5

Partnership access: ● excellent ● good ● limited

Stanford leads the edge-AI white space — *partnership access: excellent. In the live product, one click ranks every lab by the white space you care about.*

The tab that earns *the seven minutes.*

1

File the provisional — edge-AI on-board processing

Very low IP density. Two related IPC classes, no granted patents.

→ Draft within 6 weeks · target IPC G06N 3/04 × G06T 7/00

2

Apply to NASA ROSES-25 EO+AI

Active solicitation. ~\$500K–\$1M, 3-year window — aligns with the edge-AI thesis.

→ Register on NSPIRES this week · LOI due Feb 14

3

Email the Stanford EO PI

Five papers in the last 12 months, no industry sponsor — a fast partnership lane.

→ One-page summary first · the live product names the PI, with citations

Browse the full sample — no login, no email gate.

Or skip ahead: send us a topic and we'll send back a real dashboard on live sources, every claim cited. Usually within 24 hours. Free.

airesearchpartner.com/demo

Representative sample — the product's real chart code on synthetic data, in the exact shape a live run generates.