

Kavanah / MATBG

Research into manufacturing and using advanced materials for computing.

Exploratory research · Filing not verified

Buyer need

Two-dimensional materials laboratories need reproducible assembly and measurement.

Available evidence

A concept dossier exists; no physical implementation was observed.

What remains to be demonstrated

Feasibility, reproducibility and access to a laboratory partner.

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Market and alternatives

Cao et al. demonstrated magic-angle graphene physics in 2018. Bruker sells tools for twist-angle metrology.

Potential buyers

Materials laboratories and specialist manufacturers

Next fundable milestone

Obtain an independent scientific review and a costed experimental protocol.

Decision criterion

Proceed with scientific review. Do not make industrial performance commitments.



Proposed decision path; no stage is assumed to be complete.

Targeted, non-exhaustive research. Commercial conclusions are hypotheses. These sources establish no acquisition interest in DreamNova.

Validation budget

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\$5,701 – \$17,105

30 to 60 days, initial feasibility

Planning assumptions, not quotations or valuations. The bounds are two spending scenarios, not a statistical confidence interval. Further investment depends on milestone results.

Engineering

Low scenario	\$3,421
High scenario	\$10,263

Computing, hardware or external laboratory

Low scenario	\$1,425
High scenario	\$4,276

Preliminary IP review

Low scenario	\$855
High scenario	\$2,566

Planning assumption, not a quotation or an asset valuation. Includes preliminary IP review; excludes drafting and filing, a full freedom-to-operate assessment, tax, industrialisation and regulatory studies. Deduct any services that overlap with a future filing quotation.

Public sources

[Cao et al. — magic-angle graphene. 2018](#)

[Bruker — Dimension 2D AFM](#)

Planning amounts are expressed in US dollars using the ECB reference rates dated 25 September 2026. These are indicative conversions, not bank transaction rates or supplier quotations.

Contact · admin@holyrentals.com