

Attracting Investors to Cydonis Heavy Industries C.H.I. LTD: A Strategic Plan

1. Executive Summary

Cydonis Heavy Industries C.H.I. LTD, a newly incorporated private company limited by guarantee focused on research and experimental development in natural sciences and engineering, faces the inherent challenge of attracting investors at its early stage. This report provides a strategic plan to address this challenge by analyzing the company's current profile based on publicly available information, examining the broader UK investment landscape for science and engineering ventures, understanding investor priorities, exploring successful strategies of comparable companies, identifying potential investor types, guiding the creation of compelling investment materials, and outlining the relevant legal and regulatory framework for fundraising in the UK. Key findings indicate the necessity for the company to clearly define its specific value proposition beyond its broad SIC code, to recognize the priorities of investors within the science and engineering sector, and to understand the unique considerations for a company limited by guarantee when seeking funding. The primary recommendations emphasize the development of a targeted pitch deck and business plan, focusing on relevant investors such as angel investors and potentially early-stage venture capitalists specializing in deep technology or specific applications of the company's research, and actively exploring government funding opportunities to support their endeavors.

2. Company Analysis: Cydonis Heavy Industries C.H.I. LTD

Registered Details and Nature of Business

Cydonis Heavy Industries C.H.I. LTD is officially registered in the UK with the company number 15297344.¹ Its registered office is located at 68 Dacre Avenue, Wakefield, England, WF2 8AN.¹ The company was incorporated on 20 November 2023 and is classified as a private company limited by guarantee without share capital.¹ The primary nature of its business falls under the Standard Industrial Classification (SIC) code 72190, which denotes "Other research and experimental development on natural sciences and engineering".¹ The first accounts for the company are due by 20 August 2025, and the next confirmation statement is required by 3 December 2025.¹

The broad nature of the SIC code assigned to Cydonis Heavy Industries C.H.I. LTD suggests that while the company is engaged in research and development within the natural sciences and engineering fields, its specific area of focus is not immediately apparent.¹ For prospective investors, this lack of specificity can be a point of concern. Investors typically prefer

companies that have a clearly defined niche and a comprehensive understanding of their target market. Without this clarity, it becomes difficult for investors to assess the company's potential for success and its competitive landscape. Therefore, it is crucial for Cydonis Heavy Industries C.H.I. LTD to articulate its specific area of research and its intended applications to potential investors.

Publicly Available Information

The Endole profile for Cydonis Heavy Industries C.H.I. LTD is currently inaccessible ², limiting the availability of potentially valuable aggregated financial history and other company data that this platform might offer. However, other online sources provide some insights into the company's activities and aspirations.

The company maintains a website hosted on Neocities.³ The website's tagline, "Tackling life's toughest problems; with science!" suggests an ambitious and potentially impactful research agenda. While the website is currently under construction, the navigation bar indicates the presence of sections dedicated to "About," "Services," and, importantly, "For Investors".³ The inclusion of a "For Investors" section, even in an early stage of website development, demonstrates the company's intention to seek external funding. However, the current lack of substantial content within this section implies that the company is still in the initial phases of preparing its investor-facing materials. Investors will require detailed information regarding the company's vision, the specific technologies or research areas it is pursuing, and a clear articulation of its market opportunity, none of which is currently available on the website.

Amanda Hariette Scott is listed as an active director of the company, with the occupation of Engineer.⁴ Further investigation reveals a forum post by Amanda Hariette-Scott, identifying as the Director and Lead Developer of Cydonis Heavy Industries (C.H.I.) Ltd., seeking a QT Creator license to "help solve an extinction-level event".⁵ This statement, while informal, hints at the potentially significant and high-stakes nature of the company's research endeavors. However, for early-stage investors, such a broad and ambitious goal might raise questions about the practicality and immediate market viability of the company's focus. Investors often look for more focused and achievable objectives with clearly defined market applications in the initial stages of investment.

Further online activity under the username @CydOn1a on Ko-fi reveals that Amanda Hariette-Scott identifies as a Computational Astrophysicist, Lead Developer, Engineer, and Director of Cydonis Heavy Industries (C.H.I) Ltd..⁶ On this platform, she is seeking donations to accelerate the development of a "[redacted] project," mentioning the need for bulk metals and PCB components.⁶ This provides more specific clues about the company's potential activities, suggesting involvement in hardware development and advanced technology possibly related to computational astrophysics or engineering. The reliance on donations at this stage indicates a current lack of substantial funding through traditional investment channels.

The director also maintains a profile on GitHub under the username CydOn1a ⁷, associated with Cydonis Heavy Industries (C.H.I), Ltd. This presence on a platform commonly used by developers to share and collaborate on code suggests a strong technical foundation within

the company and the potential for software components or open-source contributions related to their research. For technically inclined investors, a GitHub profile can serve as a valuable indicator of the company's technical capabilities and the progress of its development efforts. Notably, the provided snippets do not contain any news articles or press releases that specifically mention Cydonis Heavy Industries C.H.I. LTD. This suggests that the company has not yet generated significant public attention or media coverage, which is understandable given its recent incorporation.

Company Structure

A critical aspect of Cydonis Heavy Industries C.H.I. LTD is its registration as a private company limited by guarantee without share capital.¹ This legal structure has significant implications for how the company can raise capital and its potential eligibility for charitable status.⁸ Unlike a company limited by shares, this structure prevents the company from raising capital through the traditional method of selling equity stakes. Instead, fundraising efforts will likely need to focus on alternative avenues such as grants, debt financing, or innovative models that do not involve the exchange of shares. Furthermore, this structure opens the possibility of the company registering as a charity if its primary objectives are centered around social good, as companies limited by guarantee are commonly used for non-profit purposes. Understanding the nuances of this structure is essential for crafting an effective investor attraction strategy.

3. The UK Science and Engineering R&D Investment Landscape

Current Trends in UK R&D

The UK government has demonstrated a strong commitment to fostering research and development (R&D), evidenced by the allocation of record levels of funding for the fiscal year 2025/2026.¹² This commitment signals a generally supportive environment for companies engaged in research-intensive activities. Public investment in R&D is considered a crucial driver of long-term economic growth, with estimations suggesting that every pound of public R&D investment can leverage, on average, two pounds of private R&D investment in the long run.¹² This leveraging effect underscores the importance of government initiatives in stimulating private sector investment in innovation.

Specific sectors like life sciences, green energy, space exploration, and artificial intelligence (AI) are currently receiving significant attention and substantial funding from the government.¹³ These areas align with national priorities and are viewed as having high potential for future growth and societal impact. Additionally, data indicates that business R&D investment in the UK has been on an upward trend, with notable growth in sectors such as computer programming and information service activities, chemicals and pharmaceuticals, and electrical machinery.¹⁵

While the term "heavy industries" might traditionally evoke images of manufacturing and traditional industrial sectors, the SIC code of Cydonis Heavy Industries C.H.I. LTD, along with

the broader trends in R&D investment, suggests that the company should focus on engaging with investors who are specifically interested in deep technology, advanced materials, or particular applications within high-growth sectors such as space, energy, or potentially even healthcare, especially considering the director's mention of addressing an "extinction-level event".⁵ The government's overarching goal is to increase total R&D spending to 2.4% of GDP by 2027, with a longer-term aspiration of reaching 3%.¹⁴ This ambitious target further reinforces the positive outlook for companies operating within the R&D space in the UK.

Investor Interest in Early-Stage Science and Engineering Startups

Recognizing the transformative potential of deep technology, several initiatives have been launched in the UK to encourage greater venture capital investment in this sector.¹⁷ Deep tech companies, which are developing novel technologies with the potential to significantly impact areas like manufacturing and materials, robotics, hardware and chips, networks, healthcare, energy, and AI and computing, are increasingly viewed as crucial for the UK's future technological capabilities and global competitiveness.¹⁷

Investment in the deep tech sector in the UK has been strong over the past decade, often characterized by higher deal values and pre-money valuations compared to the broader venture capital landscape.¹⁷ Since 2020, the UK deep tech sector has attracted over £5 billion in annual venture capital funding.¹⁷ However, the year 2024 presented certain challenges for startups seeking funding due to factors such as rising interest rates, post-pandemic inflation, and slower productivity growth, leading to increased risk aversion among investors.¹⁷ Despite this more cautious climate, late-stage deep tech companies have generally been more successful in securing larger investment deals, with AI startups being a notable exception to this trend.¹⁷

Interestingly, non-domestic investment into UK-based deep tech companies remains at a high level, with firms from outside the UK participating in over 300 deals annually since 2021.¹⁷ Furthermore, mutual funds, family offices, and sovereign wealth funds have been increasing their investment activity in UK deep tech, participating in over 500 deals since 2021.¹⁷ In recent years, private equity firms have also shown a growing interest in making minority-stake investments in deep tech companies.¹⁷ This sustained interest from both domestic and international investors suggests that despite potential economic headwinds, significant capital remains available for promising deep tech and science-driven startups in the UK.

Regional Considerations (Wakefield, England)

The provided research material does not offer specific insights into the investment landscape for heavy industries or science and engineering companies specifically within Wakefield, England, where Cydonis Heavy Industries C.H.I. LTD is registered. To gain a comprehensive understanding of the regional investment opportunities, further research would be necessary to identify any local angel networks, regional development funds, or initiatives that specifically focus on supporting technology or advanced engineering ventures in the Wakefield or the broader Yorkshire region. Understanding the local ecosystem could potentially reveal valuable

resources and connections for Cydonis as they seek investment.

4. Investor Priorities in Science and Engineering

Common Criteria for Angel Investors

Angel investors play a vital role in providing crucial early-stage capital to startups, often contributing not only financial resources but also valuable mentorship and strategic guidance.¹⁸ While individual angel investors or syndicates may have their own unique investment preferences, several common factors are frequently considered when evaluating a startup.¹⁸

One of the most critical aspects that angel investors assess is the level of commercial traction the startup has achieved.¹⁸ Investors want to see evidence that there is a genuine market demand for the product or service being offered, ideally supported by metrics such as revenue generation, user engagement, or other relevant key performance indicators. Some established angel syndicates prioritize commercial traction even over the potential of groundbreaking new technology.¹⁸

For angel investors who focus on deep-tech and science-driven businesses, the presence of strong intellectual property (IP) and proprietary technology is often a primary consideration.¹⁸ These investors, such as Ascension Syndicate and Cambridge Capital Group, prioritize startups where IP, in the form of patents, proprietary algorithms, or unique technological advancements, forms a fundamental part of the company's value proposition and can provide a long-term competitive advantage.¹⁸

Beyond the business model and the technology itself, angel investors place a significant emphasis on the quality of the founding team and its leadership.¹⁸ The belief is that even the most innovative idea requires a capable, experienced, and resilient team to execute it successfully. Investors look for entrepreneurs who possess the necessary skills, expertise, and determination to build a thriving company. For instance, Angel Academe specifically focuses on supporting female-founded technology startups, highlighting the importance of founder diversity and expertise.¹⁸ SFC Angel SEIS also emphasizes the need for founders who are ambitious and capable, but also adaptable and receptive to feedback from investors.¹⁸

Many angel investors and syndicates also have specific geographic or sector focuses.¹⁸ For example, Cambridge Capital Group concentrates on startups within the UK's "Golden Triangle" of Cambridge, Oxford, and London, while Angels in MedCity focuses on life sciences startups in London.¹⁸ Similarly, some investors specialize in particular industries, such as Galvanise Capital in MarTech and AdTech, Green Angel Syndicate in cleantech and sustainability, and Cambridge Angels in science and engineering, with a particular emphasis on healthcare tools and technology.¹⁸

Increasingly, angel investors are also prioritizing startups that demonstrate a commitment to delivering positive social or environmental impact.¹⁸ Groups like Green Angel Syndicate specifically invest in sustainability and cleantech businesses, supporting ventures that contribute to reducing carbon emissions, improving energy efficiency, or addressing other

critical environmental concerns.¹⁸

Given that Cydonis Heavy Industries C.H.I. LTD is in its early stages and likely lacks significant commercial traction, its strategy for attracting angel investors should focus on highlighting the strength and expertise of the founding team, particularly the director's background in computational astrophysics and engineering. Emphasizing the potential for generating defensible intellectual property from their research and clearly articulating any potential social or environmental benefits that could arise from their work will be crucial in capturing the interest of angel investors who are aligned with their research area and values.

Considerations for Venture Capital

Venture capital (VC) firms typically come into play at later stages of a startup's development compared to angel investors, generally focusing on companies that have demonstrated proven market demand, established sustainable revenue streams, and exhibit clear potential for significant growth. Series A funding, for instance, often marks the first major institutional investment in startups that have reached this level of validation.¹⁹

For companies seeking seed funding, which might be a more relevant stage for Cydonis Heavy Industries C.H.I. LTD, venture capitalists will typically look for a validated product or service that has already garnered some level of customer interest.¹⁹ At this stage, having a clear understanding of the target market and a well-defined path to scalability are also important considerations for VCs.

Securing seed investment from venture capital firms also necessitates attention to key legal elements. Founders must have clear and well-documented company ownership structures, along with a comprehensively drafted shareholders' agreement that outlines the roles, responsibilities, and equity stakes of the various stakeholders.¹⁹

Considering that Cydonis Heavy Industries C.H.I. LTD is registered as a company limited by guarantee without share capital, directly targeting traditional venture capital investment in the initial stages might present challenges. The conventional VC model relies on taking equity stakes in exchange for funding, which is not directly compatible with Cydonis's current structure. However, it might be worthwhile to explore venture capital firms that have a specific focus on investing in grant-funded research or companies with a strong social or environmental impact mission, as their investment models might be more adaptable to non-traditional company structures. In such cases, the company would need to clearly articulate a unique business model or a well-defined pathway to commercialization or significant societal benefit that does not solely rely on equity-based returns.

5. Successful Investment Strategies of UK Startups

Examples of Successful UK Science and Engineering Startups

Examining the investment journeys of successful UK startups in the science and engineering sectors can provide valuable insights for Cydonis Heavy Industries C.H.I. LTD. Several UK-based biotech and deep tech companies have successfully raised substantial amounts of funding at both seed and later stages.²⁰ Examples include Grey Wolf Therapeutics, a biotech

company valued at £98.0 million after a recent funding round²⁰; Resolution Therapeutics, a University of Edinburgh spinout focused on cell therapies, which has raised £115 million²⁰; and Purespring Therapeutics, a biotech specializing in gene therapies for kidney diseases, founded as a spinout from the University of Bristol.²⁰ In the realm of deep tech, KETS Quantum Security secured a £1.7 million contract to further develop its quantum key distribution technology.²¹

A common thread among these successful startups is often a strong connection to academic institutions (many are university spinouts) or a clear focus on addressing significant global challenges in areas like healthcare or sustainability.²⁰ They frequently attract investment from specialized venture capital funds that focus on their specific sector, as well as from angel syndicates and government-backed initiatives such as the British Business Bank's Future Fund.²⁰

Cydonis Heavy Industries C.H.I. LTD should conduct thorough research into the investor profiles of these and other similar successful startups, particularly those operating in fields related to their own research interests. This research can help identify potential target investors who have a track record of investing in comparable ventures. Furthermore, if Cydonis has any connections to academic institutions or if its research has the potential to address significant societal problems, highlighting these aspects in their investor communications could prove highly beneficial.

Importance of Proof of Concept and MVP

For startups seeking pre-seed funding, a critical requirement is the ability to demonstrate a clear proof of concept for their idea.¹⁹ This often involves developing a minimum viable product (MVP) or gathering preliminary data that indicates market interest and the potential for scalability. Investors at this early stage need to see tangible evidence that the company's core technology or research has the potential to be translated into a viable product or service. A well-defined proof of concept significantly reduces the perceived risk for investors and increases their confidence in the venture's potential.

Given that Cydonis Heavy Industries C.H.I. LTD is seeking funding for its "[redacted] project," as indicated on its Ko-fi page⁶, a key priority should be to develop a clear and compelling proof of concept or an MVP that showcases the potential of their research. This will provide tangible evidence to potential investors that their scientific endeavors have practical applications and a pathway towards future development and impact.

6. Targeting the Right Investors

Types of Investors

When seeking investment, Cydonis Heavy Industries C.H.I. LTD should consider the different types of investors available and tailor its approach accordingly.

Angel Investors: These individuals or groups provide early-stage capital to startups, often accompanied by mentorship and industry-specific advice.¹⁸ The UK boasts a vibrant angel

investment ecosystem with numerous networks and syndicates, many of which have specific sector or regional focuses.¹⁸ For a science and engineering-focused company like Cydonis, relevant examples include Cambridge Angels, which invests in science and engineering startups¹⁸; Green Angel Syndicate, which focuses on businesses in the cleantech and sustainability sectors¹⁸; and Angel Academe, which supports female founders in technology.¹⁸ Given the early stage of Cydonis, angel investors, particularly those with an interest in deep technology, advanced materials, or the specific applications of their research (potentially space, energy, or other complex challenges), are likely to be the most appropriate target in the initial phase of fundraising. Angel investors are generally more willing to invest in very early-stage companies that demonstrate strong potential, and their expertise and mentorship can be particularly valuable for a new startup.

Venture Capital Firms: Venture capital firms typically invest in startups with significant growth potential, generally at the seed stage and in subsequent funding rounds.¹⁹ While traditional VC investment might be challenging for Cydonis in its current structure as a company limited by guarantee, exploring VC firms that have a specific focus on pre-seed or seed funding for deep tech or impact-driven companies could be a viable option. Some London-based VC firms that invest in deep tech and science-driven businesses include Seedcamp, which invests across various sectors at the pre-seed, seed, and Series A stages²⁵; Index Ventures, which invests across all sectors from seed through growth²⁵; Balderton Capital, which focuses on early-stage tech companies with global ambitions²⁵; and Octopus Ventures, which invests in tech companies across health, fintech, deep tech, consumer, and B2B software.²⁵ It is important to research the specific investment theses of these and other VC firms to identify those whose focus aligns with Cydonis's research area and potential impact.

Government Grants and Funds: A significant source of non-dilutive funding for research and development comes from government grants and funds.²⁸ For a research-oriented company limited by guarantee, government grants should be a primary focus. Initiatives such as Innovate UK Smart Grants support disruptive and innovative projects across various sectors²⁸, while the UK Innovation and Science Seed Fund (UKI2S) specifically aims to build and grow technology companies originating from the UK's research base.³³ UKI2S, although a venture capital fund, focuses on early-stage businesses and spinouts from publicly funded research, making it a potentially relevant resource to understand the investment landscape for companies like Cydonis. Actively exploring grant opportunities from Innovate UK and UKRI that are relevant to Cydonis's specific field of natural sciences and engineering research could provide crucial early-stage financial support without requiring the company to offer equity.

Strategies for Identifying and Approaching Investors

To effectively target potential investors, Cydonis Heavy Industries C.H.I. LTD should employ several key strategies.

Research Investor Databases and Networks: Utilize online platforms such as AngelList, Beauhurst, and Crunchbase to identify angel investors and venture capital firms whose investment criteria and past portfolios align with the company's sector and stage. These

platforms often provide detailed information about investors' focus areas, investment ranges, and previous investments.

Attend Industry Events and Networking Opportunities: Participating in industry-specific conferences, workshops, and networking events can provide valuable opportunities to connect directly with potential investors. These events often attract both angel investors and venture capitalists who are actively seeking new investment opportunities in relevant fields.

Leverage Connections: Explore and leverage any existing connections within the science and engineering community, including relationships with academic institutions, industry experts, or other entrepreneurs. Personal introductions can often be more effective than cold outreach when approaching potential investors.

7. Crafting a Compelling Investment Proposition

Key Elements of an Investor Pitch Deck

A well-crafted investor pitch deck is essential for capturing the attention of potential investors and securing further discussions.³⁵ For Cydonis Heavy Industries C.H.I. LTD, the pitch deck should be tailored to its unique structure and the priorities of the target investors (primarily angel investors and potentially grant-giving bodies). Key elements to include are:

Problem: Clearly define the specific problem that the company's research aims to solve. Given the company's tagline, this should focus on one of the "toughest problems" they are addressing.³⁷

Solution: Articulate the company's proposed solution or research approach to the identified problem. This should highlight the innovative aspects of their work and its potential impact.³⁷

Value Proposition: Clearly state the unique value that Cydonis Heavy Industries C.H.I. LTD offers. For a company limited by guarantee focused on research, this might emphasize the potential for significant scientific advancement, the development of groundbreaking technology, or the ability to address critical global challenges.³⁶

Market Opportunity: Provide an overview of the potential market for the company's research or its applications. Even if the immediate focus is on basic research, outlining potential future applications and their market size can be beneficial.³⁵

Team: Introduce the core team, highlighting their relevant expertise and experience. For Cydonis, it is crucial to emphasize Amanda Harlette Scott's background in computational astrophysics and engineering.³⁵

Traction: Showcase any progress or milestones achieved to date, even if the company is in its early stages. This could include preliminary research findings, prototype development, or any collaborations or partnerships formed.³⁶

Financial Projections (and Funding Ask): Outline the company's financial needs and how the requested investment will be used. For a company limited by guarantee, this section might focus on research and development milestones, the costs associated with developing a specific product or service, or the resources required to achieve key scientific objectives. Clearly state the amount of funding being sought and the intended allocation of these

funds.³⁵

Impact (Instead of Traditional Exit Strategy): Given the company's structure, a traditional exit strategy focused on acquisition or IPO might not be the primary focus. Instead, the pitch deck should emphasize the potential societal or scientific impact of their research, the potential for licensing intellectual property, or the long-term vision for the company's contribution to its field.³⁷

The pitch deck should be concise, visually appealing, and focused on conveying the key information that will intrigue investors and prompt them to request a follow-up meeting.³⁵ It should be tailored to the specific audience, whether angel investors or grant-giving bodies, highlighting the aspects that are most relevant to their investment criteria.

Developing a Comprehensive Business Plan

A detailed business plan serves as a companion document to the pitch deck, providing a more in-depth analysis of the company's market, competitive landscape, strategy, and financial forecasts.³⁷ For Cydonis Heavy Industries C.H.I. LTD, the business plan should clearly articulate the company's research agenda, the specific methodologies being employed, the expected outcomes of the research, and any potential pathways to commercialization or broader societal impact. It should also include a detailed breakdown of the company's operational plan and how it intends to achieve its research and development goals.

Tailoring the Message to the Audience

It is crucial to remember that different types of investors will have different priorities. When communicating with angel investors, the focus might be on the strength of the team and the potential for disruptive innovation. When applying for government grants, the emphasis should be on the research merit, the potential for significant societal or economic impact, and the alignment with the funding body's objectives. Tailoring the investment proposition and the communication style to the specific audience will significantly increase the chances of attracting the right kind of support.

8. Navigating Legal and Regulatory Requirements for Fundraising

Companies Limited by Guarantee

Companies limited by guarantee (CLGs) are subject to similar regulatory requirements as companies limited by shares (CLSs) in the UK.⁸ This includes registration with Companies House and the filing of annual accounts and confirmation statements.¹¹ CLGs are commonly used by non-profit organizations, charities, and social enterprises because they do not have shareholders or issue shares; instead, they have members who act as guarantors, agreeing to contribute a nominal sum (typically £1 to £10) if the company becomes insolvent.⁸

While CLGs are often associated with non-profit objectives, they are not inherently prohibited from making a profit.⁸ However, it is commonplace for their articles of association to restrict

the distribution of profits, requiring any surplus income to be reinvested to further the organization's objectives.⁸ If a CLG intends to operate as a charity, it must register with the Charity Commission in addition to Companies House and adhere to charity law, which typically requires a prohibition on profit distribution to members.⁸ Distributing profits could jeopardize the company's ability to obtain or maintain charitable status and any associated tax benefits.⁸

Cydonis Heavy Industries C.H.I. LTD needs to clearly define its objectives regarding profit distribution. If the company intends to operate as a for-profit entity while maintaining its structure as a company limited by guarantee, it needs to fully understand the implications of this structure on attracting investment, as traditional equity investment will not be possible. If the company's goals are primarily focused on social good and align with the criteria for charitable purposes, pursuing registration as a charity could open up additional funding avenues from philanthropic organizations and impact investors who are specifically looking to support non-profit entities.

Fundraising Regulations in the UK

Offering investment opportunities in the UK is governed by various legal and regulatory requirements aimed at protecting investors. Companies seeking funding must comply with the Companies Act and other relevant legislation, including regulations related to financial promotions, which restrict how investment opportunities can be advertised to the public. Depending on the type of investment being offered and the investors being targeted, there may be specific disclosure requirements and limitations on who can be solicited for investment.

If Cydonis Heavy Industries C.H.I. LTD decides to pursue charitable status, it will need to register with the Charity Commission and comply with the regulations set forth in charity law.⁸ This involves adhering to specific reporting requirements, ensuring that the company's activities are in line with its charitable objectives, and managing its finances in accordance with charity law principles.

Given the complexities of fundraising regulations and the specific considerations for a company limited by guarantee, Cydonis Heavy Industries C.H.I. LTD should seek professional legal advice to ensure full compliance with all applicable laws and regulations as it develops its investor attraction strategy. Understanding the legal framework will be crucial for navigating the fundraising process effectively and avoiding potential pitfalls.

9. Exploring Government Funding and Grants

Given its focus on research and experimental development, Cydonis Heavy Industries C.H.I. LTD should actively explore the various government funding and grant opportunities available to support innovative businesses in the UK.

Innovate UK, as the UK's innovation agency, offers a range of grants and loans designed to help businesses develop and commercialize innovative products and services with strong commercial potential.²⁸ Their Smart Grants program funds disruptive and innovative projects across all sectors of the economy.²⁸ Innovate UK also provides Innovation Loans for projects

that demonstrate strong commercial potential and can significantly improve the UK economy.³⁰ Cydonis should regularly review the Innovate UK website for grant competitions that align with its research focus in natural sciences and engineering.

UK Research and Innovation (UKRI) is an umbrella organization that brings together the seven disciplinary research councils, Research England, and Innovate UK.²⁹ UKRI offers a wide array of funding opportunities spanning various research areas and disciplines.³¹ Cydonis should explore the UKRI website for grants specifically targeted at early-stage research in natural sciences and engineering, as well as any opportunities that might align with the potential applications of their research.

The **UK Innovation and Science Seed Fund (UKI2S)**, while operating as an early-stage venture capital fund, has a specific mandate to invest in technology companies that originate from the UK's research base.³³ Although UKI2S typically takes equity stakes, understanding their investment criteria and the types of companies they support can provide valuable insights into the broader funding landscape for early-stage science and engineering ventures. Their focus on companies arising from publicly funded research institutions might be particularly relevant if Cydonis has any such connections.

Cydonis should dedicate resources to actively search for and apply to relevant government grant opportunities. These grants can provide crucial non-dilutive funding that can support the company's research and development activities, helping to advance its technology and increase its attractiveness to potential investors in the future.

10. Conclusion and Actionable Recommendations

Attracting investment to a newly formed company limited by guarantee focused on research and development requires a strategic and multifaceted approach. Cydonis Heavy Industries C.H.I. LTD faces the initial challenge of clearly defining its value proposition and navigating the fundraising landscape with a non-traditional company structure. However, the UK's strong commitment to R&D and the growing interest in deep tech provide a positive backdrop for companies with innovative ideas.

Based on the analysis presented in this report, the following actionable recommendations are provided to guide Cydonis Heavy Industries C.H.I. LTD in its efforts to attract investors:

- **Refine the Value Proposition:** Clearly and concisely articulate the company's specific research focus within natural sciences and engineering. Avoid broad statements and instead highlight the particular problem being addressed and the potential impact of the research.
- **Develop a Targeted Pitch Deck and Business Plan:** Create compelling investor materials that are tailored to the company's structure as a company limited by guarantee. Emphasize the expertise of the team, the potential for intellectual property generation, and the societal or scientific benefits of the research. For angel investors, focus on the disruptive potential, while for grant applications, highlight the research merit and alignment with funding objectives.
- **Focus on Relevant Investors:** Prioritize outreach to angel investors who have a specific interest in deep technology, advanced materials, or the potential applications of

the company's research. Research angel networks and syndicates with relevant sector focuses.

- **Actively Pursue Government Grants:** Dedicate significant effort to identifying and applying for grant opportunities from Innovate UK and UKRI that align with the company's research agenda. Non-dilutive funding will be particularly valuable given the company's structure.
- **Clarify Legal and Financial Structure:** Seek professional legal advice to fully understand the implications of being a company limited by guarantee for fundraising. Consider the potential benefits and requirements of pursuing charitable status if the company's objectives are primarily for social good.
- **Enhance Online Presence:** Develop the company website to provide clear and comprehensive information about its mission, technology, team, and any progress made. A professional and informative online presence is crucial for building credibility with potential investors.
- **Prioritize Proof of Concept:** Focus on developing a tangible proof of concept or a minimum viable product to demonstrate the potential of the company's research and increase investor confidence.

By implementing these recommendations, Cydonis Heavy Industries C.H.I. LTD can build a strong foundation for attracting the necessary investment to advance its research and achieve its ambitious goals.

Table 1: Potential Investor Types and Their Focus

Investor Type	Typical Investment Stage	Key Priorities	Examples of UK Investors/Funds
Angel Investors	Pre-Seed, Seed	Team expertise, disruptive potential, IP, market opportunity, social/environmental impact	Cambridge Angels ¹⁸ , Green Angel Syndicate ¹⁸ , Angel Academe ¹⁸
Venture Capital Firms	Seed, Series A	Validated product/service, customer interest, scalability, strong team, clear growth potential	Seedcamp ²⁵ , Index Ventures ²⁵ , Balderton Capital ²⁵ , Octopus Ventures ²⁵
Government Grants	Early-stage R&D	Research merit, innovation, societal/economic impact, alignment with grant objectives	Innovate UK ²⁹ , UK Research and Innovation (UKRI) ²⁹

Table 2: Key Components of an Investor Pitch Deck (Tailored for Cydonis)

Slide Title	Key Information to Include (Specific to Cydonis)	Tips for Effective Presentation
Problem	Clearly define the specific "toughest problem" being addressed by the research in natural sciences or engineering. ³⁷	Use compelling language and data to highlight the significance of the problem. ³⁷
Solution	Articulate the innovative research approach or technology being developed to solve the problem. ³⁷	Explain the solution clearly and concisely, emphasizing its uniqueness. ³⁵
Value Proposition	Highlight the potential for significant scientific advancement, groundbreaking technology, or addressing critical global challenges. ³⁶	Focus on the benefits and potential impact of the research. ³⁵
Team	Introduce Amanda Hariette Scott, emphasizing expertise in computational astrophysics and engineering. ³⁵	Showcase relevant experience and skills that demonstrate the team's ability to execute. ³⁵
Traction	Showcase any research findings, prototype development, collaborations, or milestones achieved. ³⁶	Use visuals and data to demonstrate progress. ³⁹
Impact	Describe the potential societal or scientific impact of the research, potential for IP licensing, or long-term vision. ³⁷	Focus on the broader significance and potential future applications. ³⁵
Funding Ask	Clearly state the amount of funding needed and how it will be used to advance the research and development goals. ³⁵	Provide a clear and justified breakdown of funding requirements. ³⁷

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