



Cody Genetics is committed to becoming a leader in the farm animal gene-editing industry through their next generation gene-editing technology to benefit animal farming. Cody Genetics is developing the next generation genetic tools that increase profitability, improve sustainability, and reduce inhumane practices.

Overview

- Cody Genetics is a service start-up company (B2B) providing gene editing services to animal breeding companies.
- Cody uses modern genome engineering approaches to create GMO breeders in which the offspring is sex-biased non-GMO animals and focuses on using gene-editing tools to develop breeders in which their sperm will ejaculate single-sex gametes, enabling the animal husbandry industry to produce allergy-free meat and dairy.
- Being able to bias the sex of the offspring can have massive benefits in livestock breeding.
- Strong team of seasoned scientists in the field of genetics, genomics, transgenics and cell line development.

Technology & Business Model

- Cody Genetics apply distinct gene-editing technology to benefit animal farming.
- Their approach is to edit out the inefficiencies to create animals that produce sex-biased semen.
- Essentially, Cody's solution is to produce pre-programmed males that produce the desired sex.
- The offspring do not carry edited genes or foreign DNA.
- Ability to work with any breeding company genetics. Cody's products are part of the global trend to transform livestock farming into a more sustainable industry.

Business Model: Revenue Generation

- Business model is similar to the technologies Cody are replacing in cattle – royalties on semen straws. **Efficient Royalty based business model.**
- Cody generates royalties from thousands of animals without any further expense on themselves.
- Cody will generate hundreds of millions of dollars in royalties by providing gene-editing services to breeding companies assisting them to create thousands of high-value bulls and boars.

Key Takeaway

Increases Profitability

- Quadruples semen yield, lower costs 20x + increases successful insemination.

Decreases Production Waste & Environmental Impact

- Eliminates culling of 3.5 billion male chicks and reduces breeding hens by 50%.

Reduces Inhumane Practices

- Eliminates swine castration and improves efficiency of production.

Cody can earn 10x more per bull

- Cody can increase the earning of the breeding company from \$166-330k to \$2.5M/bull during its reproductive lifetime.
- Cody can earn \$870,000/bull during its reproductive lifetime.

	Conventional breeding + current semen sexing method	Conventional breeding + Cody's method
Sperms are sorted by a machine at the cost of \$5-10/straw (in cattle). Most of the semen is discharged in the process	Yes, at \$200-400 for each ejaculate at the expense of the breeding company	Cost eliminated
How many straws can be obtained?	20 to 40 straws/ejaculate	300 straws/ejaculate
How much the breeding company earn:		
1. From each sorted ejaculate	\$400-800/ejaculate	\$6,000/ejaculate
2. During a bull reproductive lifetime of a bull	\$1660,000 -332,000/lifetime	\$2,500,000/lifetime
How much the sorting technology company can earn?		
1. From each sorted ejaculate	\$140-280/ejaculate	\$2,100/ejaculate
2. During a bull reproductive lifetime of a bull	\$60,000-120,000/lifetime	\$870,000/lifetime

Team

Dr Yaniv Dolev (DMV, MBA)

Founder & CEO. Entrepreneur and veterinarian with 12 years experience founding start-ups for translational novel medical technologies. Excels in both processing and maturing complex innovative ideas to define effective products answering market needs.

Glen Illing (MBA, MloD)

Commercial Director. Experienced venture builder in animal biotechnology and genetics companies. Founder of Roslin Tech and director on several disruptive technology companies.

Fundraising

- Cody Genetics is seeking US\$2.5 to 3m for its seed round investment.
- Key investors include VikingGenetics & Sion.
- Partnered by industry leaders: Tel Aviv University, Roslin Technologies & Sion.

Impact



About Milltrust International

With its mantra of “Sustainable Prosperity”, Milltrust International Group is a global investment organisation making sustainable impact investments in the biggest themes of our generation: climate change, the demand for food and protein, the future of medical technology, and the rise of the developing world.

Over the past decade, Milltrust has assembled a highly experienced team of leading industry professionals focused exclusively on providing investment management expertise on both public and private markets.

Milltrust’s private investments consist of a plethora of science-backed early-stage disruptive companies in the space of climate impact, healthcare, and agriculture. By drawing on the experience of investment bankers, asset managers, healthcare professionals, and agronomists, our diversified assets have pioneered breakthrough technology in environmental management, medical diagnostics, and animal genetics and welfare with the aim of delivering sustainable solutions an ever-growing and increasingly ageing global population.

About The British Innovation Fund II

The British Innovation Fund II follows on from the success of The British Innovation Fund I, investing into high potential companies with a focus on agri-tech, the future of healthcare, climate impact, and alternative protein, where incontrovertible science is at the core of the commercial proposition.

More Information

Milltrust International UK

6 Stratton Street
London W1J 8LD
United Kingdom

+44 (0)20 8123 8316

info@milltrust.com

Milltrust International Singapore

77B Tras Steet
Singapore 079016
Singapore

+65 6225 3052

info@milltrust.com

Signatory of:



Disclaimer

For professional investors only. This document is strictly private and confidential and is meant as guidance and information only. It is issued by Milltrust International LLP which is authorised and regulated by the Financial Conduct Authority in the United Kingdom. Milltrust International LLP has its registered office at 5 Market Yard Mews, 194-204 Bermondsey Street, London, SE1 3TQ, United Kingdom and is a subsidiary of Milltrust International Group (Singapore) Pte Ltd. Milltrust Ventures Pte Ltd is a subsidiary of Milltrust International Group (Singapore) Pte. Ltd and is registered with the Monetary Authority of Singapore as a Venture Capital Fund Management Company (VCFM). The content in this document is for informational purposes only and does not constitute legal, tax, investment, financial, or other advice. Nothing contained in this document constitutes a solicitation, recommendation, endorsement, or offer by Milltrust International LLP or any of its affiliates to buy or sell any securities or other financial instruments. No such solicitation or offer is made in this or in any other jurisdiction in which such solicitation or offer would be unlawful under the securities laws of such jurisdiction. All content in this document is information of a general nature and does not address the circumstances of any particular individual or entity. Nothing in the document constitutes professional and/or financial advice, nor does any information on the document constitute a comprehensive or complete statement of the matters discussed or the law relating thereto. It should therefore not be used as the sole basis for any investment or other decision. The use of or access to this document or content by any person does not create a fiduciary relationship between such person and Milltrust International LLP. The sole responsibility of evaluating the merits and risks associated with the use of any information or other content on this document before making any decisions based on such information or other content rests with the user and their professional advisers. Notice to US investors: The shares of Milltrust International Managed Investments ICAV have not been registered under the 1933 Securities Act or under the 1940 Act; however, the company takes advantage of the 3(c)7 exemption and shares are available to 3(C)(1) US “qualified purchasers” and those qualifying under Reg D. Distribution activity in the US is undertaken by Silverleaf Partners LLC, a registered broker-dealer based in New York. Beyond providing initial capital for the companies we invest in, Milltrust may also leverage its extensive network to support our portfolio companies on a commercial basis with additional capital raises as they grow. Whether through introductions to potential investors, strategic partnerships, or other value-add services, we are committed to helping our portfolio companies succeed. Milltrust may receive compensation for services rendered to this company.