50 ACRES TO CHANGE THE WORLD

SWEET FARM

SWEET FARM TECHNOLOGY PROGRAM

IMPACT REPORT SPRING 2024

"SWEET FARM CONNECTS THE DOTS BETWEEN REGENERATIVE AGRICULTURE, FARM ANIMAL RESCUE, AND DISRUPTIVE CLIMATE TECHNOLOGY"

WHO WE ARE

Regenerative Farm & Climate Sanctuary
Sweet Farm is unique in its approach to growing flowers and vegetables, using regenerative practices to feed and inspire. Our climate sanctuary is the first of its kind.

Tech Innovation
We have a new approach to farming, blending startup tech innovation and regenerative farming, with consumer, investor, and youth education around food systems.

Rescued Farm Animals
Our heart lies in 120 rescued farm "Animal Ambassadors" that charm and engage our visitors and fans. They represent an unheard voice in our complex food system.

Sustainability
We are optimists. We believe that there are practical solutions out there that will help sustain us. We aim to amplify and leverage those solutions through our platform.

Education & Inspiration
We are also a a place where you meet amazing animals, attend educational and inspirational events, and where you have access to amazing sustainably grown produce.

SWEET FARM
50 ACRES TO CHANGE THE WORLD

OUR MISSION STATEMENT

Sweet Farm is the world's first nonprofit sanctuary to address the devastating impact that factory farming has on climate change from the perspective of animals, plants, and the planet. We must first understand how these pieces are connected within our complicated food web before we can tackle climate change at its core. By joining climate education, regenerative agriculture, farm animal rescue, and the sustainable technology that is disrupting agriculture and food production, Sweet Farm is redefining sanctuary.

Welcome to our Climate Sanctuary.

SWEET FARM was founded as a 501(c)3 non-profit in 2015 with a core principle of moving the planet in a positive direction. Since then, we've had the support of amazing champions, businesses, volunteers, and dedicated team members whose efforts day in and day out result in a global impact that outweighs traditional organizations of its size.

Our impact covers a wide range, from grass roots efforts to global initiatives. As one of our most impactful programs, Sweet Farm's Technology Program bridges this range, enabling innovations that will positively transform the footprint of everyone from individual consumers up to multinational corporations.

For Sweet Farm, a 50-acre land-based non-profit in New York, this is no small feat. The Sweet Farm Technology Program leverages deep-rooted expertise, network, and land to support innovative startups in the food, agriculture, sustainability, and climate technology sectors, providing them with a diverse range of support, including access to funding, mentorship, product showcases, and promotion.

Sweet Farm attracts some of the brightest and most innovative minds in climate technology. We take the time to work with entrepreneurs to identify opportunities to help them take their company from just an idea to something that might help save the planet.

Whether it is a company teaching plants how to talk to farmers so they can drastically reduce chemical use, companies creating eggs, dairy, and meat without the need for a single chicken or cow, or a company cleaning up forever chemicals from municipal waste and sequestering carbon in the process, Sweet Farm's Technology Program is helping transformative technologies see the light of day.

We are proud to say that the majority of companies we've supported have become emerging sector and technology leaders. To date, the companies that partnered with the Sweet Farm Technology Program have gone on to raise over $600M in follow-on funding, and have established partnerships from some of the most prominent businesses in the world.

Please take a moment to read this report as it details some of our favorite success stories and highlights the impact Sweet Farm Foundation's work is having in bringing global solutions to market.

Anna Sweet & Nate Salpeter

Sweet Farm Foundation Co-Founders

Founded in the San Francisco Bay Area, Sweet Farm started receiving outreach from incredible climate technology companies. They were looking for partners who were mission-aligned and able to support them in their growth. As one of the few non-profits in the area with available farm land, an in-house technical team, and a focus on the climate, the Sweet Farm Technology Program was an obvious next step. Since 2017, we've supported companies with technology development, space for field trials, assistance in finding investment and strategic partnerships, and advisor services as their companies and technologies scale. Sweet Farm Climate Tech Partners have now raised over $600M in investment toward a climate-positive future.

With extensive experience building startups, as well as supporting promising new companies across food, agriculture, waste, materials, and energy, the Sweet Farm Ecosystem is ideally situated to support start-ups, companies, and founders across multiple stages. Some of the many ways we provide support include:

- Space for field trials
- Technical advising and validation
- Experienced grant support
- Access to advisors and mentors
- Connections to a global investor network
- Marketing support
- Company and product features within events/panels/interviews/media
- Access to on-the-farm event space

For investors of all sizes, Sweet Farm offers early looks at some of the most innovative and interesting companies and founders from their earliest stages. With regular virtual and on-the-farm networking events, Sweet Farm brings together scientists, investors, entrepreneurs, animal caregivers and farmers - leveraging knowledge, skills, and global networks to help change the world. For our corporate and investment partners, we provide:

- Quarterly reviews of emerging companies and technologies
- Invitations to our exclusive networking events
- Access to early look investment opportunities
- Virtual education programs designed for corporate engagement

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

2 | Zero Hunger
By improving crop yields and reducing crop loss through early disease detection.

12 | Responsible Consumption and Production
Through the reduction of chemical use in agriculture.

13 | Climate Action
By reducing emissions associated with agricultural practices.

INNERPLANT

innerplant.com

Agriculture Sector

InnerPlant's technology directly impacts sustainable agriculture practices, promoting more efficient and environmentally friendly farming methods.

Imagine a world where plants can whisper their needs, where every leaf and root has a secret language that, if understood, could revolutionize how we grow our food. This isn't a fantasy; it's the reality InnerPlant is creating with their groundbreaking technology. Picture tiny sensors, not made of wires or steel, but of the very fabric of the plants themselves. These living sensors can tell a farmer when a plant is thirsty, sick, or under attack by fungus or pests, all within a blink of an eye. It's like having a superhero power for farming, where saving the day means saving crops, using less harmful chemicals, and producing more food for everyone.

CURRENT STAGE

InnerPlant has successfully raised $21.9M to date, including a significant $16M Series A funding round led by John Deere, marking a critical transition from early-stage development to scaling their technology for broader adoption.

TECH PROGRAM INVOLVEMENT

- Successfully conducted the first field trials of InnerPlant's technology, bringing it from lab to environment and demonstrating its effectiveness over two growing seasons.
- Enabled the scaling of trials to larger plots, critical for the technology's validation and subsequent Series A fundraising.
- Sweet Farm's support was pivotal in overcoming early biotech startup challenges, as highlighted by InnerPlant's CEO, Shely Aronov, praising Sweet Farm's partnership in field trial facilitation.

WHY WE ARE EXCITED

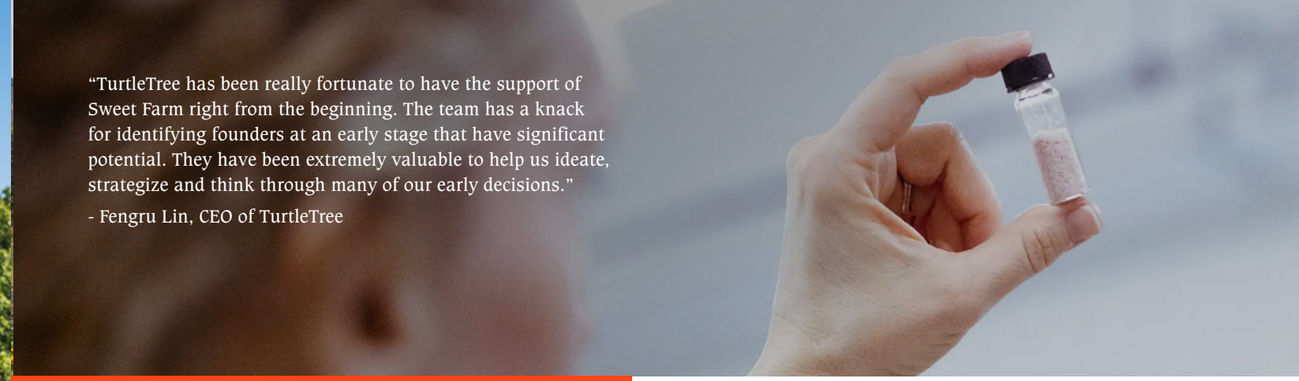
InnerPlant's technology stands to significantly reduce chemical usage in agriculture, leading to decreased emissions, less environmental damage, and higher revenues for farmers.

Sweet Farm offered InnerPlant a playground to test their superpowers. Right there in the soil of Sweet Farm, InnerPlant's sensors went from dream to reality. This partnership wasn't just about growing plants; it was about growing potential—the potential to change farming forever and for the better. And guess what? It worked wonders, leading to a mighty $16 million boost from big-time backers like John Deere, all ready to bring this superhero tech to farms across the globe.

This story isn't just cool; it's a beacon of hope, showing us how embracing innovative ideas can lead us to a healthier planet. It's about giving a voice to the silent, about turning the whispers of nature into a chorus of innovation and sustainability. And it's just the beginning.

"One of the biggest challenges for an early stage biotech company is trialing technology. Sweet Farm was the perfect partner. They professionally prepared a trial plot, were open to all the regulatory efforts needed to test biological solutions in the field, and did all of this at minimal cost and a collaborative attitude."

- Shely Aronov, CEO of InnerPlant



"TurtleTree has been really fortunate to have the support of Sweet Farm right from the beginning. The team has a knack for identifying founders at an early stage that have significant potential. They have been extremely valuable to help us ideate, strategize and think through many of our early decisions."

- Fengru Lin, CEO of TurtleTree

TurtleTree

Food, Nutrition, and Wellness Sector

TurtleTree's work in creating lactoferrin and cell-based milk alternatives impacts the food sector by offering sustainable and ethical nutritional choices.

turtletree.com

Dive into the story of TurtleTree, the trailblazers transforming how we think about dairy. Picture this: crafting the powerhouse protein lactoferrin found in milk, not in the fields with animals, but through biotechnology enabled fermentation. TurtleTree is on a mission to revolutionize our food system, making it more sustainable and animal-friendly, without compromising on nutrition.

Sweet Farm stepped into TurtleTree's journey from day one, offering strategic support, networking opportunities, and fundraising guidance. This partnership wasn't just about growth; it was about setting the stage for TurtleTree to flourish in the competitive landscape of food technology.

CURRENT STAGE

TurtleTree has transitioned from its founding stage in 2019 to securing a Series A funding round in 2021, showcasing significant progress in its mission to innovate on sustainable dairy protein production.

TurtleTree won the 2020 Global Entrepreneurship World Cup, placing first out of 175,000 entrants.

In November 2023, TurtleTree gained US regulatory approval to commercialize its first product offering, LF+, the world's first non-animal and vegan-certified lactoferrin product made using precision fermentation, a groundbreaking alternative to traditional dairy processing.

TECH PROGRAM INVOLVEMENT

- Assisting in strategic investor identification and introductions.
- Supported strategic marketing opportunities, including nationally syndicated media outlets.

WHY WE ARE EXCITED

By eliminating high methane-emitting cows from the lactoferrin supply chain, TurtleTree's technology can potentially reduce GHG emissions by 91% and water usage by 96%, marking a significant step towards sustainable food production.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

2 | Zero Hunger
By providing sustainable nutritional options.

12 | Responsible Consumption and Production
Through innovative food production techniques that reduce environmental impact.

13 | Climate Action
By aiming to reduce GHG emissions through cellular agriculture.

With Sweet Farm by their side, TurtleTree didn't just navigate the market; they made waves, developing a go-to-market strategy that resonated deeply with investors and consumers alike. Their successful Series A fundraising in 2021 was a testament to the power of collaboration in bringing futuristic food solutions to our tables today. Through their journey, TurtleTree and Sweet Farm showcase how innovation, paired with the right support, can lead to sustainable alternatives redefining meals for generations to come.

CURRENT STAGE

Mission Barns has successfully closed a $24M Series A funding round, moving beyond the initial seed stage to scaling their cultivated meat technology.

TECH PROGRAM INVOLVEMENT

- Facilitated the creation of an ethically sourced cell line for cultivated meat products, promoting animal welfare and sustainable food production.
- Supported the narrative and acceptance of lab-grown meat through the story of Dawn the pig, enhancing consumer understanding and acceptance.

WHY WE ARE EXCITED

Mission Barns' technology could lead to up to 98% reduction in greenhouse gas emissions and significant reductions in land, water, and energy use.

Mission Barns

Food, Nutrition, and Wellness Sector

Mission Barns contributes to the food sector by providing cultivated meat alternatives that offer sustainability benefits over conventional meat.

missionbarns.com

The partnership between Sweet Farm and Mission Barns goes beyond the lab. It's a shared vision of a world where innovation meets ethics, where we no longer have to choose between taste and compassion. It’s a future without sacrifice, where the food on our plates reflects our values as much as our appetites.

At Mission Barns, the future of meat is being reimagined. Here, the sizzle of bacon and the richness of a burger come without a cost to our animal friends. It's not magic; it's science at its most compassionate, crafting the flavors and textures we love through cells, not slaughter.

Sweet Farm and Mission Barns embarked on a groundbreaking journey together, one that introduced Dawn the pig—not as a product, but as a partner. Dawn's contribution of just a few cells has opened the door to a kinder method of meat production. Today, Dawn roams the lush pastures of Sweet Farm, a living story of how we can feed future generations.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

12 | Responsible Consumption and Production
By producing animal fat without the need for livestock farming.

13 | Climate Action
Through the potential reduction of greenhouse gas emissions compared to traditional meat production.

“Sweet Farm has been a valuable resource for Mission Barns and in pushing the alternative protein industry forward by connecting us to leading partners, investors, and other startups, through events at the Farm, and their extensive network.”

- Eitan Fischer, CEO of Mission Barns

BIOFORCETECH
Corporation

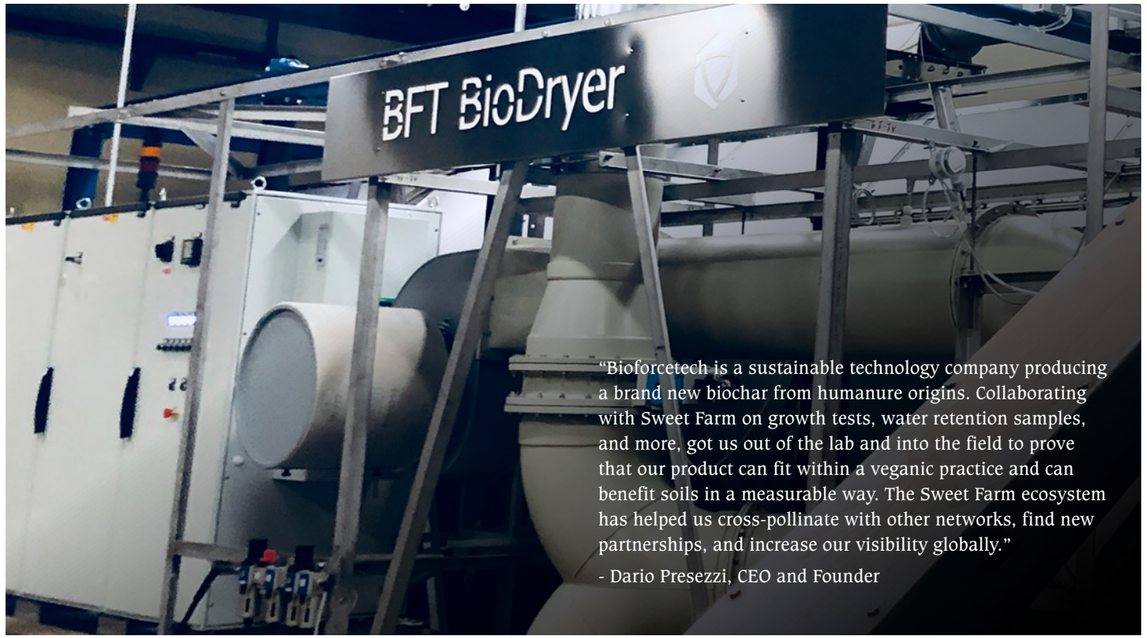
Waste Sector

Bioforcetech's technology impacts waste management and sustainability, turning organic waste into renewable energy and biochar.

bioforcetech.com

Bioforcetech is a visionary company turning what we once called "waste" into treasure. They're transforming biomass from wastewater treatment into renewable energy and biochar, a substance that breathes life back into our soils.

Enter Sweet Farm, the fertile ground where Bioforcetech's innovations took root in the real world. Over four transformative years, Sweet Farm's fields became a living laboratory, showcasing how biochar can supercharge soil health and sustainability. This was more than a trial; it was a proving ground that gave Bioforcetech the confidence and data to prove their technology was more than viable—it was revolutionary.



"Bioforcetech is a sustainable technology company producing a brand new biochar from humanure origins. Collaborating with Sweet Farm on growth tests, water retention samples, and more, got us out of the lab and into the field to prove that our product can fit within a veganic practice and can benefit soils in a measurable way. The Sweet Farm ecosystem has helped us cross-pollinate with other networks, find new partnerships, and increase our visibility globally."

- Dario Presezzi, CEO and Founder

This partnership is the blueprint for the future of waste management and agricultural enhancement. Together, Sweet Farm and Bioforcetech are doing more than growing better crops; they're sowing the seeds for a planet where every scrap of organic material is a resource waiting to be unlocked. Through their collaboration, they're demonstrating that the path to sustainability is paved with the very materials we once overlooked.

CURRENT STAGE

From a single pilot plant, Bioforcetech has advanced in demonstrating its technology's viability and is now focusing on scaling its solutions.

TECH PROGRAM INVOLVEMENT

- Enabled practical field trials of Bioforcetech's biochar, enhancing soil carbon content and microbiome activity.
- Validated the use of biochar as a sustainable alternative to non-renewable soil amendments, supporting carbon sequestration and reducing environmental impact.

WHY WE ARE EXCITED

Bioforcetech's technology promises significant environmental benefits, including a 90% volume reduction of waste and energy-positive processes, while removing forever chemicals from the environment.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

6 | Industry, Innovation, and Infrastructure
By transforming organic waste into value, potentially impacting water sanitation practices.

12 | Responsible Consumption and Production
Through waste transformation and circular economy principles.

13 | Climate Action
By sequestering carbon in biochar, contributing to carbon reduction efforts.

EVERY™

ALL PROTEIN. NO ANIMAL.

Food, Nutrition and Wellness Sector

The Every Company's work in precision fermentation for protein production has significant implications for sustainable food systems.

theeverycompany.com

CURRENT STAGE

The Every Company's work in precision fermentation for protein production has significant implications for sustainable food systems.

TECH PROGRAM INVOLVEMENT

- Supported the development and testing of bioidentical proteins, facilitating The Every Company's product validation process.
- Enabled The Every Company to showcase its products and discuss the future of food at Sweet Farm-led events, enhancing its visibility and market positioning.

WHY WE ARE EXCITED

The company's innovation in producing animal-free egg proteins has the potential to significantly reduce the environmental impact associated with traditional animal farming.

The Every Company (previously, Clara Foods), is on a remarkable mission: to craft egg proteins that are identical to those found in animal products–but without using a single animal in the process! Their secret? Precision fermentation, a cutting-edge technique that could very well be the key to the future of food.

"Having access to a real farm is almost unheard of. The ability to design, prototype, and test based on that feedback is incredibly helpful to any startup wanting to make an impact in this field — and has been for us at Clara."

- Arturo Elizondo, Founder and CEO of The Every Company

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

12 | Responsible Consumption and Production
By developing animal-free proteins, reducing the environmental footprint of food production.

13 | Climate Action
Through the reduction of the environmental impact associated with animal farming.

In this culinary quest, Sweet Farm has played a crucial role, as supporter of, and a partner in, their product roadmap. By providing eggs from our rescued hens, Sweet Farm helped The Every Company ensure their proteins weren't just similar to the real thing—they were indistinguishable. But their support didn't stop at the farm gate. Sweet Farm opened its doors, and its network, hosting events that connected The Every Company with investors ready to back this groundbreaking venture.

This partnership is a testament to Sweet Farm's dedication to nurturing companies that stand at the intersection of technology and sustainability. It's a collaboration that goes beyond business as usual, uniting the vision of a startup with the values of an organization committed to redefining our food system for the better. Together, Sweet Farm and The Every Company are not just imagining a future where our food is sustainable, ethical, and kind to the planet—they're making it a reality.

Food, Nutrition and Wellness Sector

Float Foods impacts the food sector by offering sustainable and ethical alternatives to animal-based products.

floatfoods.com

Float Foods is the business behind OnlyEg, Asia's pioneering plant-based whole egg alternative. Crafted from legumes, OnlyEg is more than a humble egg; it’s cracking the code on sustainability without sacrificing taste.

Sweet Farm is providing Float Foods with a robust support network, business guidance, and fundraising advice. As Float Foods sets its sights beyond local shores, Sweet Farm's support is proving invaluable, ensuring that this egg-citing innovation can reach kitchens around the world.

This collaboration is a shared dream of a future where every bite supports a food system that's ethical, sustainable, and delicious. Sweet Farm's commitment to pioneering food solutions finds a perfect match to Float Foods' vision, cracking the code for a healthier planet, one plant-based egg at a time.

CURRENT STAGE

Float Foods is at the seed stage, actively working on strategic expansion and the development of its groundbreaking plant-based egg products.

TECH PROGRAM INVOLVEMENT

- Provided essential business and networking support to aid Float Foods' global market entry.

WHY WE ARE EXCITED

Float Foods' plant-based egg alternatives offer a sustainable, nutritious option that reduces the environmental and health impacts of confined animal feeding operations.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

2 | Zero Hunger
By providing nutritious plant-based egg alternatives.

12 | Responsible Consumption and Production
Through innovation in food technology for sustainability.

Energy Sector

SolarSteam's technology provides a renewable energy solution for industrial, agricultural, and heating applications, contributing to the transition to cleaner energy sources.

solarsteam.ca

SolarSteam is focusing the power of the sun, transforming it into a game-changer for generating heat without the carbon footprint. By harnessing solar energy, they're able to warm our homes and power our businesses, at the same time!

CURRENT STAGE

SolarSteam is currently in the process of setting up their v3.0 pilot project of their technology.

SolarSteam was included in Forsight Canada’s prestigious Foresight50 list for 2023 of the most investable cleantech ventures in Canada.

TECH PROGRAM INVOLVEMENT

- Sweet Farm support in non-dilutive grant writing.
- Support of alternative market identification of process heat from SolarSteam systems.

WHY WE ARE EXCITED

Process heat contributes about 9% of overall greenhouse gas emissions in the US alone. SolarSteam aims to offset the use of fossil fuels used for heat with an emission free source.

Sweet Farm offers a hands-on commitment to propel renewable energy solutions to the forefront of our fight against climate change, with on-staff and expert support for the early team.

This partnership is all about aligning our energy needs with the health of our planet. Sweet Farm's engagement with SolarSteam goes beyond business; it's about nurturing a vision where renewable energy becomes the cornerstone of how we live, work, and grow. Together, the teams are doing more than capturing sunlight; they're capturing the imagination of a world eager for change.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

7 | Affordable and Clean Energy
By utilizing solar energy to generate steam for various applications.

13 | Climate Action
Through the reduction of fossil fuel use in industrial processes.

Beverage and Non-Profit/Environmental Sustainability Sectors

This collaboration impacts water sustainability and conservation efforts, demonstrating innovative approaches to addressing water scarcity.

hangarone.com fogquest.org

Hangar1 Vodka and FogQuest have teamed up in an extraordinary venture, turning the ethereal beauty of fog into an evergreen source of water. This isn't a tale from a far-off land; it's innovation in action, harnessing the mist that rolls over landscapes as a sustainable water supply.

Sweet Farm, ever the champion of forward-thinking environmental projects, offered up its land as a stage for this groundbreaking experiment. By providing a space where fog collectors could stand amidst their fields, Sweet Farm became a pivotal player in a story of creativity, collaboration, and conservation.

After the successful partnership, the world enjoyed its first premium vodka made from sustainable and advanced water collection technologies. However, this project also enjoyed social impact as well, acting as a proof-of-concept to support water recovery efforts in developing countries around the world. Through this collaboration, Sweet Farm, Hangar1 Vodka, and FogQuest are not only capturing water from the air but also capturing the essence of a more sustainable and just future.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

6 | Clean Water and Sanitation
By innovating in water collection from fog to provide clean water sources.

11 | Sustainable Cities and Communities
Through the potential for fog collection to supply water in dry regions.

CURRENT STAGE

The partnership between Hangar1 Vodka, FogQuest, and Sweet Farm focuses on research and application of fog collection technology, demonstrating its viability for producing clean water.

TECH PROGRAM INVOLVEMENT

- Supported the development and testing of advanced fog collection technology, potentially providing a sustainable water source for agricultural and domestic use in dry regions.

WHY WE ARE EXCITED

This project exemplifies Sweet Farm's broader mission to promote environmental sustainability through innovative water conservation techniques.

Education & Social Media Sector

Zigazoo's platform impacts the education technology sector by fostering a safe and engaging environment for children to learn about important social and environmental issues.

zigazoo.com

Zigazoo is the playground of the digital age, a space where learning leaps off the page and into the hands of curious kids through a screen that sparkles with possibility. It's a world where education meets fun, turning every swipe and tap into a journey of discovery about the wonders of nature, animals, and how we can protect our planet.

CURRENT STAGE

Zigazoo has moved from its founding stage in 2020 to securing Series A funding in 2022, indicating growth and expansion in the educational technology sector.

TECH PROGRAM INVOLVEMENT

- Enabled the creation of virtual activities, challenges, and projects on Zigazoo, connecting kids with agriculture and environmental education.

WHY WE ARE EXCITED

This collaboration supports Sweet Farm's objective of leveraging technology to educate and inspire future generations about sustainability and environmental stewardship.

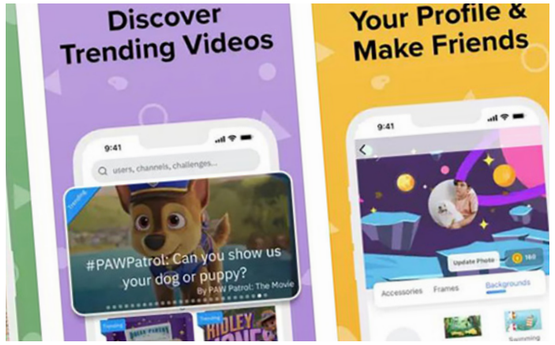
UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

4 | Quality Action
By providing educational content and challenges that engage children in learning about sustainability and the natural world.

13 | Climate Action
Through education on environmental stewardship and sustainability practices.

"I met the team at Sweet Farm in early 2020 and quickly realized that they were exactly the kind of people I'd want to work with as they introduced me to all of their animals on the farm. A few weeks later I launched Zigazoo, now one of the fastest growing edtech apps in the US, and since then they have not only advised me on technology; they have been partners, building a Sweet Farm education channel on Zigazoo and acting as a reference for the VC that led our seed round of funding."

- Zak Ringelstein, CEO of Zigazoo



Sweet Farm has carved out a corner in this vibrant digital universe, launching one of Zigazoo's initial educational channels as they launched their platform educational channels. Here, the farm comes alive; it invites interaction, sparking questions, answers, and awe in young minds across the globe. This is more than content; it's an invitation to explore, to understand, and to fall in love with the world outside our windows.

This collaboration is a reflection of Sweet Farm's mission to sow the seeds of environmental stewardship and innovation in the next generation. By partnering with Zigazoo, they're not only sharing stories from the farm but are also cultivating a community of young learners eager to grow into the climate innovators our world needs. Together, they're building a bridge between children and the natural world, making every lesson a step towards a greener, more sustainable future.

Food & Materials Sector

Myodenovo offers sustainable alternatives to conventional meats, promoting ethical and sustainable consumption.

myodenovo.com

Myodenovo stands at the frontier of the cultivated meat industry, introducing a novel approach to producing meat that marries the artistry of winemaking with the precision of biotechnology. Picture the creation of prized cuts like filet mignon, not from the slaughterhouse, but from a harmonious blend of harmlessly biopsied animal cells and sustainably nutritious plant ingredients. Myodenovo's mission is profound yet simple: to enchant meat aficionados with an irresistible alternative to conventional meats that honors our culinary traditions, respects animal welfare, and safeguards our planet.

At the heart of this revolutionary venture is a partnership with Sweet Farm, where Angel, a cow grazing peacefully in the sanctuary, became the linchpin of Myodenovo's vision. Sweet Farm's engagement with Myodenovo is a shared journey towards reimagining meat production. By facilitating development of a harmless one-time microbiopsy protocol in collaboration with Cornell Large Animal Hospital, Sweet Farm ensured the wellbeing of Angel and the viability of the cell line that would lay the foundation for Myodenovo's cultivated meat products.

This alliance is not just about technological advancement; it's a testament to a shared vision of sustainability and ethical responsibility. Myodenovo, with Sweet Farm's backing, is not merely navigating the future of food; they are actively crafting it, bringing cultivated meat from a nascent dream to a tangible reality. Their journey from concept to demonstrated technology showcases the transformative potential of collaboration in paving the way for a more sustainable and compassionate food system.

CURRENT STAGE

Transitioned from pre-formation with a technical readiness level of 1 to raising pre-seed venture capital, developing prototypes, and submitting patents with Sweet Farm's support.

TECH PROGRAM INVOLVEMENT

- Facilitated cell biopsy protocols ensuring animal welfare, raising the technology's readiness
- Supporting Myodenovo's journey from concept to demonstrated technology.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

9 | Clean Water and Sanitation
By pioneering innovative food solutions.

12 | Responsible Consumption and Production
Highlighting sustainable production methods.

13 | Climate Action
Potential to significantly reduce environmental impacts of meat production.

14 | Life Below Water
Potential to significantly reduce impact to waterways by elimination of runoff.

15 | Life on Land
Reduce negative impacts related to deforestation and land use attributed to animal agriculture.

Agriculture Sector

Brekland reduces spring frost damage, positively impacting crop yield and economic stability.

brekland.com

Brekland is an emerging innovator in the agricultural tech landscape, developing a pioneering technology to shield crops from the devastating effects of spring frost. This technology represents a crucial intervention in the fight to improve agriculture's resilience to extreme weather and decrease economic loss. The challenge of spring frost has long plagued farmers, causing up to 95% loss in perennial crops (e.g., grapes, fruit and nut trees, coffee) and sensitive annuals (e.g., oilseeds). This problem is evidenced by the widespread damage across Europe's agricultural heartlands in 2021 that caused >2.5B and a total loss for many farmers. Brekland's solution is a game-changer in our shifting climate, offering hope and resilience against more frequent and more devastating frosts.

CURRENT STAGE

Pre-formation engagement through field and network support from Sweet Farm.

TECH PROGRAM INVOLVEMENT

- Knowledge and technical support for optimizing the technology to real-world applications.
- Support expanding reach within agricultural and investor networks

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

6 | Clean Water and Sanitation
Replacing existing high-consumption irrigation frost protection systems

9 | Industry, Innovation, and Infrastructure
Through developing innovative technologies for agriculture.

12 | Responsible Consumption and Production
By reducing crop losses, contributing to more efficient food production.

13 | Climate Action
Indirectly supporting climate action by enhancing agricultural sustainability.

Sweet Farm's collaboration with Brekland underscores a mutual commitment to sustainable agriculture and technological innovation. By providing expert knowledge and technical support, Sweet Farm is instrumental in transitioning Brekland's laboratory breakthroughs to field-ready solutions. This partnership is a powerful amalgamation of agricultural wisdom and technological prowess, aimed at significantly diminishing the impacts of spring frost on global agriculture.

The alliance between Sweet Farm and Brekland is a testament to the power of innovative thinking and collaboration in addressing some of the most pressing challenges facing our food systems today. By developing solutions that mitigate the risks of spring frost, they are not just protecting livelihoods but are also safeguarding the future of global food security. This effort to combat agricultural vulnerabilities showcases a forward-thinking approach to resilience and sustainability in farming.

KHEPRA

Agriculture Sector

Khepra provides innovative solutions to reduce the environmental impacts of farming.

khepra.io

Khepra is redefining the boundaries of agricultural technology and waste management by transforming agricultural byproducts into sustainable petrochemical alternatives. This revolutionary venture stands at the intersection of technology and sustainability, offering a groundbreaking solution that turns waste into wealth. Khepra's innovative approach not only addresses the environmental toll of agricultural waste but also pioneers a new pathway for creating eco-friendly inputs for the agricultural market. Their work is a bold step towards a circular economy, where every waste stream is a potential resource.

Sweet Farm's partnership with Khepra exemplifies a shared vision for a more sustainable and environmentally conscientious agricultural paradigm. By leveraging Sweet Farm's expertise in sustainable farming practices, Khepra is poised to tackle the overuse of agricultural inputs, a critical issue that impacts soil health and water quality. This collaboration is rooted in a deep understanding of the ecological cycles and the potential of technology to create positive environmental change.

Together, Khepra and Sweet Farm are leading the charge towards a future where agriculture is not only about maximizing yield but also about enhancing the ecological balance. Their pioneering work in converting agricultural waste into valuable resources is a beacon of innovation, showing that with the right technology and collaborative spirit, we can build a more sustainable and regenerative food system. This partnership is a powerful reminder of the potential for technology to transform our relationship with the planet, creating solutions that benefit both humanity and the environment.

CURRENT STAGE

Working with Khepra, currently in their Pre-Seed stage, on developing pilot field trials to demonstrate input reduction for large scale agriculture producers.

TECH PROGRAM INVOLVEMENT

- Sweet Farm supported Khepra in producing grant language for non-dilutive funding
- Additional industry knowledge and advice for deployment into agriculture
- Collaborating on future Sweet Farm field trials to accelerate deployment within the agriculture sector

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

6 | Clean Water and Sanitation
By tackling water quality issues related to agricultural runoff.

12 | Responsible Consumption and Production
Through the development of sustainable agricultural inputs.

15 | Life on Land
By improving soil health and reducing dependency on harmful chemicals.

TO LEARN MORE ABOUT OUR TECHNOLOGY PROGRAM, VISIT US AT SWEETFARM.ORG

SWEET FARM

50 ACRES TO CHANGE THE WORLD

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