



Enviro.Farm Systems Inc.

Regenerative AgriFood Production – Profit & Sustainability

Enviro.Farm Cheese-Dairy – ESG Impact Benefits

Enviro.Farm Cheese-Dairy is a Specialty Food-Ag-Tech Impact Investment – sustainable, scalable, and highly profitable, with zero-carbon footprint, low environmental risk, enhanced soil, air, and water quality and 100% water reuse. Enviro.Farm cheese dairies can be located almost anywhere on the planet.

The Cheese Dairy at Bowdle, South Dakota, is shovel-ready, offering impressive 30% IRR profitability and reduced risk. The project has strong local support in an attractive rural setting, offering 100+ clean, well-paying, jobs to draw remote workers seeking to relocate their home out of urban settings in a rural community offering excellent education, and health care.

In addition to rural economic development, this project offers a broad range of important “green investment” benefits for Agrifood, the environment, and human health. The business employs proven AI, environmental, and robotic technologies to solve multiple food production problems and offers sustainable profits and benefits listed below:

Investment benefits and profitability – for consumers, investors, farmers, public health, and the environment, including soil, crops, animals, workers, and the community. The business will

- Reduce input costs 20%-30%
- Improve crop yields 15%-30%
- Increase milk production 10%-15%
- Recycle whey to avoid waste disposal
- Increase cheese production by 12%-15%
- Reduce crop risk from drought & flood
- Eliminate GMO's, pesticides, factory fertilizers
- Eliminate hauling milk, manure, whey
- Reduce tillage and regenerate soil.
- Improve animal well-being and yields
- Reduce calf mortality
- Eliminate pathogens
- Eliminate odor and Hydrogen sulfide (H₂S)
- Eliminate Ammonia (NH₃) health problems
- Avoid environmental penalties and lawsuits
- Provide 100+ clean, good jobs
- Offer variable shifts, on-site child care

Improved Soil Health – in 2017 the USDA rated 74% of US croplands degraded in that they could not produce the same crop in subsequent years without increased inputs.

Improved air quality – ag ammonia/PM2.5 was estimated to add \$277 billion per year to US health costs in 2010. Ammonia travels hundreds of miles from farm sites. Childhood asthma and elder emphysema have been rising everywhere in the US and faster in rural areas.

Improved water quality – reclaiming, reusing, and recycling all water, wastewater, and whey from dairy and cheese production and processing operations.

Reduce Climate Impact – aerobic lagoon management eliminates off-gassing of methane and nitrous oxide from storage and field application, eliminating contributions to global warming.

See Enviro.Farm “Circular Farm Outline” on the next page.



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THE CIRCULAR FARM



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