

THOVET REFINERY LLC

Business Plan

Flagship Silver Refining, Minting, and Regenerative Stewardship Facility Grant County, Kentucky

1. Executive Summary

THOVET REFINERY LLC is a flagship silver refinery and mint built to prove that industry, ethics, and environmental stewardship are not opposing forces, but can exist in deliberate harmony.

The facility will commence operations at 10kg of refined silver per day, with all equipment, infrastructure, utilities, and safety systems engineered and installed from inception to support expansion to 30kg per day without structural modification or regulatory redesign.

THOVET operates under a customer-retained refining model, earning revenue through a transparent 15%-20% retained silver fee, rather than purchasing metal at a discount or extracting value through opaque pricing mechanisms. In parallel, THOVET mints primarily 1 troy ounce .999 fine silver bars and operates a spot price buy and sell policy, removing premiums, friction, and manipulation from physical silver access.

Operations take place within a 6,000 square foot light industrial building, operating 22 working days per month, with less than 200 square feet designated as hazardous. All hazardous processes and nitric acid storage are fully enclosed within bermed basins providing 200% total containment capacity, with zero water discharge and conservative safety margins throughout.

This facility is intentionally designed to blend into farmland, operate quietly, and present as a working agricultural property rather than an industrial site. Refining, minting, greenhouse agriculture, regenerative land use, and environmental research coexist on approximately 20 acres, forming a model meant to be seen, understood, and replicated.

2. Company Overview

- **Legal Entity:** THOVET REFINERY LLC
- **Business Type:** Light Industrial Refining and Minting
- **Primary Output:** .999 fine silver

Core Activities:

- Customer retained silver refining
- Minting of silver bullion
- Spot price buying and selling of minted products
- Environmental research and land remediation
- **Facility Size:** 6,000 square feet
- **Land Use:** Approximately 20 acres
- **Location:** Grant County, Kentucky

3. Purpose, Stewardship, and Operating Philosophy

THOVET was founded on a simple conviction: what is built should honor what it is built upon.

The company's purpose is to make precious metals honest, accessible, and functional as a common commodity, while demonstrating that industrial excellence and moral responsibility are not mutually exclusive.

Operating principles:

- Silver is sold at spot
- THOVET repurchases its own minted silver at spot
- No premiums
- No spread manipulation
- No hidden settlement practices
- Full transparency by design

THOVET's leadership views the land, resources, and systems entrusted to it as something to be cared for, improved, and returned better than found. This ethic guides engineering decisions, environmental controls, and long-term land use.

4. Market Philosophy and Pricing Integrity

THOVET stands for **The House of Vanderhoof Ecclesiastical Trust**, which owns and governs THOVET REFINERY LLC. The trust structure is intentional and exists to ensure that the refinery's operations remain aligned with stewardship, transparency, and long-term responsibility rather than short-term profit extraction.

The precious metals market has normalized a structural contradiction. Physical silver is routinely acquired from producers at discounts below its true value, then sold back to the public at premiums above that same value. This dynamic is not the result of necessity or efficiency, but of intermediated systems designed to extract value through opacity, leverage, and artificial scarcity.

THOVET rejects this structure outright.

The refinery operates on a clear, enforceable principle:

- Silver is bought at market spot price
- Silver is sold at market spot price

There are no forced discounts, fabricated premiums, or spread-based manipulation. This is not a marketing position. It is an operational constraint embedded into the business model.

THOVET does not rely on arbitrage, confusion, or pricing asymmetry for profitability. Revenue is earned through transparent, disclosed refining retention and disciplined operations, not through market distortion. As a result, the business remains structurally resilient regardless of price volatility, market stress, or paper dilution.

Internally, THOVET operates in **ounces not dollars**. Dollars fluctuate and expand. Ounces represent physical reality. By anchoring refining, minting,

and accounting practices to physical weight rather than speculative abstractions, the refinery maintains clarity, auditability, and trust.

This philosophy supports THOVET's broader objective: to make physical precious metals more accessible, more honest, and more functional as a common commodity. Transparency is not a vulnerability in this model. It is the foundation.

THOVET does not seek to reform the market through protest. It simply operates differently, demonstrating that ethical, transparent refining and minting is not only possible, but sustainable.

5. Market Opportunity

Industry Reality

Conventional refining and minting often rely on:

- Discounted metal purchases
- Opaque settlements
- Premium-driven pricing disconnected from production
- Minimal environmental compliance
- Secrecy as a substitute for trust

THOVET's Position

THOVET rejects these norms outright.

The company:

- Allows customers to retain ownership of their metal
- Earns through disclosed retention, not spreads
- Buys and sells finished products at spot
- Invites inspection rather than avoiding it
- Designs systems to exceed minimum standards

This is not marketing. It is structural.

6. Operations Overview

Capacity

- Initial refining throughput: **10 kg/day**
- Installed and designed capacity: **30 kg/day**
- Operating schedule: **22 days per month**

Monthly Throughput

- 10 kg/day → ~220 kg/month
- 30 kg/day → ~660 kg/month

Retained Silver

Average retained silver: **15%-20%**

At 10 kg/day

- Monthly retained silver: ~33-44 kg
- Annual retained silver: ~396-528 kg

At 30 kg/day

- Monthly retained silver: ~99-132 kg
- Annual retained silver: ~1,188-1,584 kg

7. Refining and Minting Operations

Refining

- Nitric acid dissolution
- Electrolytic silver recovery
- Strict lot segregation
- Continuous video documentation
- Zero liquid discharge
- Neutralized solid waste streams

Less than 200sqft of the facility is designated hazardous. All refining and chemical storage occur within fully bermed systems providing 200% containment capacity.

Any hazardous materials resulting from refining, including impurities such as lead or other heavy metals, are fully contained, logged, and transferred to licensed hazardous material disposal facilities in full regulatory compliance.

Minting

- Primary product: 1 troy ounce .999 fine silver bars
- Induction furnaces
- On-site casting, finishing, and stamping
- Secure handling and storage

8. Environmental Integration and Closed Loop Design

THOVET is deliberately engineered to look and behave unlike a traditional refinery.

There are:

- No smokestacks
- No excessive noise
- No industrial visual dominance

All refining exhaust gases pass through **high intensity scrubbers**. After scrubbing, conditioned exhaust air is routed through an on-site **greenhouse**, growing tropical fruit trees and other plant life, Exhibiting just how clean refining can be.

Waste heat from induction furnaces is captured and reused for greenhouse heating, demonstrating closed-loop efficiency and respect for energy resources.

The environmental systems are not hidden. They are meant to be seen.

9. Bioremediation Research and Environmental Innovation

THOVET maintains a dedicated **bioremediation and environmental research department** focused on addressing the long-term damage left by historical industrial practices.

This department exists for one reason: **to help clean what others left behind, and to ensure future industry does better.**

Research initiatives include:

- Mycology based bioremediation
- Soil regeneration and stabilization
- Heavy metal binding, immobilization, and recovery analysis
- Long-term strategies to reduce or eliminate hazardous waste generation at the source

This research does not replace compliance. THOVET operates with zero water discharge, full containment, and licensed hazardous material disposal at all times. Research is conducted in controlled environments and documented transparently.

The objective is advancement, not experimentation at the public's expense.

10. Regenerative Agriculture and Land Use

The ideal site encompasses approximately **20 acres of farmland.**

On-site activities include:

- Greenhouse agriculture
- Livestock such as cattle, sheep, and donkeys
- Regenerative land management
- Soil restoration and ecological improvement

The refinery exists **within** the land, not on top of it.

11. Radical Transparency and Public Engagement

THOVET operates with **nothing to hide**.

- Tours are encouraged
- Third-party investigators are welcomed
- Environmental monitoring is invited
- Processes are observable and documented

The facility is designed so scrutiny reinforces confidence rather than threatening it.

Visitors expecting an industrial plant will instead encounter a quiet, working farm with a refinery at its heart, challenging assumptions about what modern industry can be.

12. Residency and Accountability

The founder of THOVET intends to reside on site.

This ensures:

- Daily oversight
- Immediate accountability
- Long-term commitment to land and community

This is not a short-term project. It is stewardship.

13. Revenue Model

- Primary revenue: retained silver from refining
- Secondary revenue: minting throughput and specialty services
- Bullion sold at spot
- THOVET repurchases its own minted bullion at spot, no questions asked

Trust is the business model.

14. Risk Management

- Zero price exposure
- No speculative inventory
- Overbuilt containment
- Conservative operations
- Transparent oversight

15. Vision and Legacy

THOVET REFINERY LLC is not merely building a facility.

It is setting a precedent.

A precedent that industry can:

- Be honest
- Be quiet
- Be accountable
- Heal land instead of degrading it
- Serve people rather than extract from them

This operation is built with reverence for creation, responsibility to community, and confidence that doing what is right is not only possible, it is sustainable.

