THE ALBERTA BUCK

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Proposal for Ministry of Finance (v1) (PDF, prior)

Research, Develop and Test Wealth-Backed Liquidity Option for Eliminating up to $23B in Annual Interest Transfers by Albertans to Commercial Banks

CAD$3M Investment	10 Senior Researchers	Prove Legality	Deliver Prototype

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PROBLEM: $23B/YR EXTRACTION

$63 million/day flows from Alberta's productive economy to distant financial institutions.

Category	Debt	Annual Cost
Household Mortgages	$197B	$10B/year
Business Debt Servicing	$203B	$10B/year
Provincial Debt Servicing	$83B	$3.2B/year
TOTAL	**$283B**	**$23B/year**

Families pay ~$8,000/year in public debt costs, and 10-15× income housing multiple: birth rate collapse

YOUNG CANADIANS SEEK OPPORTUNITY

Across Canada, young people face:

- Housing: **10-15× income** (their parents paid 3-5×)
- Birth rate: **1.41 children/woman** (34% below replacement)
- Many abandoning home ownership, family formation, *staying in Canada*

They're not giving up – they're looking for somewhere that rewards hard work.

Alberta can be that place.

HOMEOWNERSHIP CRISIS

- Average home price: **$505,000**
- Down payment: **$125,000**
- Average mortgage: **$380,000**
- First year's interest: **$15,200**
- Over the term: **$221,734 in interest**
- **Families pay their mortgage debt 1.6×**

Real Families, Real Burden

Home Price	$505k
Principal	$380k
Interest Rate	4.00%
Term	25 years

THE SAVINGS: DEBT VS WEALTH-BACKED MONEY

Side-by-Side Comparison: $380,000 financed

Metric	Mortgage (4.0%)	Alberta Buck
Principal		
Interest		---
Insurance	/yr	/yr
-Year Total		
Savings	---	

$221,734 ($15,200 the 1st year) stays with the family

IMPOSSIBLE?!? HOW BANKS ACTUALLY CREATE MONEY

Banks don't lend depositor money – they create new money backed by YOUR assets:

- You pledge $505,000 home as collateral
- Bank creates $380,000 in your account
- You pay $221,734 interest over 25 years
- If you default, bank seizes your collateral

Banks monetize YOUR wealth and charge YOU interest for the privilege

THE "FINANCIAL INTERMEDIARY" MYTH

What you're told:

1. Bank collects investor savings (deposits)
2. Bank pays investors interest (e.g., 2%)
3. Bank lends out that money to borrowers
4. Bank charges borrowers higher interest (e.g., 4%)
5. Bank earns the "spread" (2%)

Sounds reasonable, right?

MORTGAGE PAYMENTS: LENDER MONEY

Your Mortgage Payments

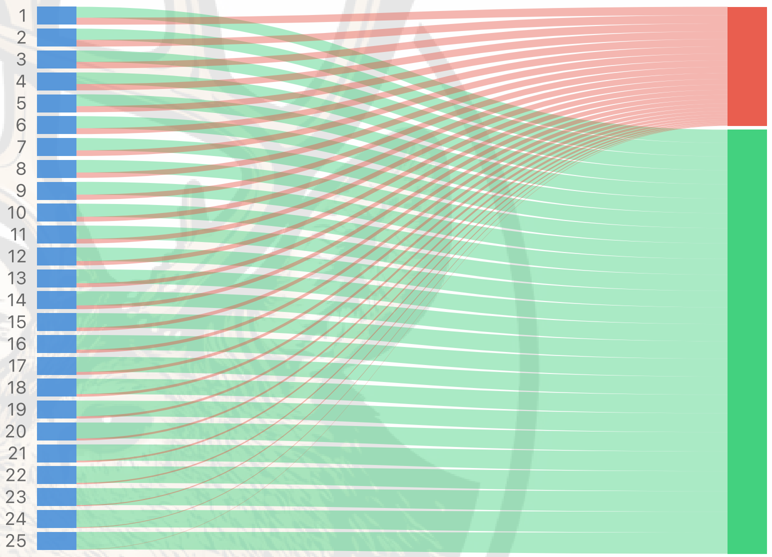
25-Year Payment Flow: $380k at 4.0%

Principal: $380k **Interest: $228.1k**

Payment: $24.3k (~2k/mo) Total: $608.1k PV: $474.9k (NPV: +$94.9k)

Depositor Payments

25-Year Payment Flow: $380k at 2.0%



Principal: $380k **Interest: $106.6k**

Payment: $19.5k (~2k/mo) Total: $486.6k PV: $380k

Principal	$380000
Loan Rate	4.0%
Deposit Rate	2.0%
Term	25 yrs

Same **$380k** principal. Loan at **4.0%** vs Deposits at **2.0%**. Bank profit from spread: $122k (worth $95k now) -- *if* they actually lent depositor money.

THE REALITY: MONEY CREATION

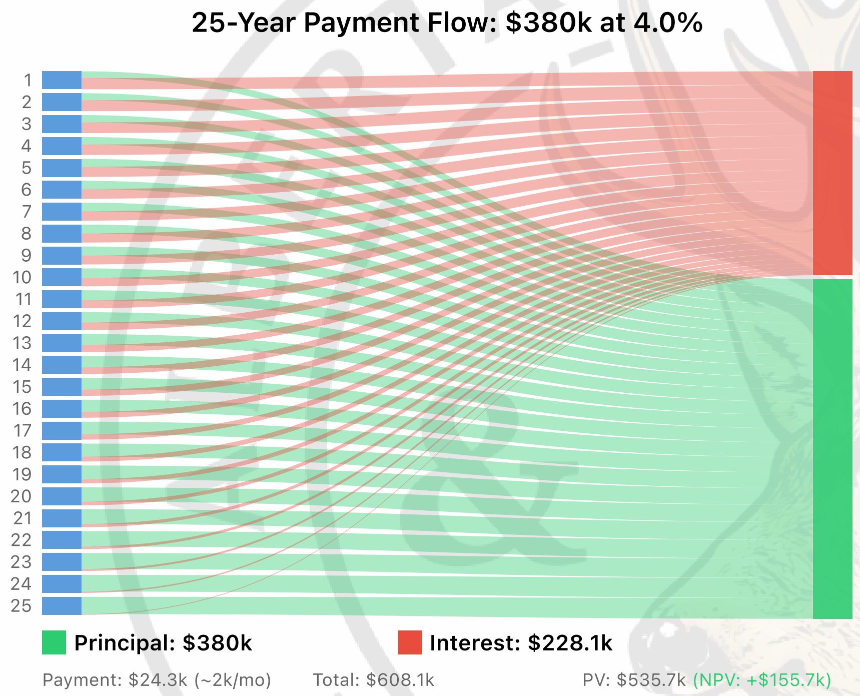
Research by *Bank of England* 2014, and *Werner* 2014:

1. You get a mortgage with your home as collateral
2. The bank does **NOT** lend you existing deposits
3. Your payment stream serves as the bank's Asset
4. Bank **creates new money** Liability in your account
5. Your collateral backs the money; bank charges you interest for decades
6. If you default, the bank seizes your collateral

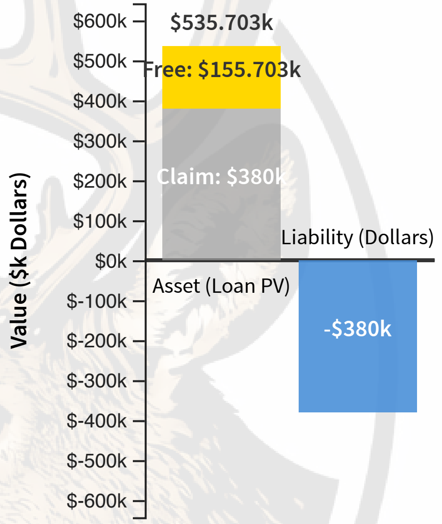
Banks monetize YOUR wealth and charge YOU interest for the privilege

MORTGAGE PAYMENTS: ISSUED MONEY

Your Mortgage Payments



Money Issued



Principal	$380000
Interest Rate	4.0%
Cost of Capital	1.0%
Term (Years)	25 yrs

Bank issues **$380k** backed by your mortgage Present Value (protected by a Lien on your property). Cost of capital: **1.0%** (overhead + risk). Gross profit: **$228k** interest at **4.0%** (worth **$156k** now, but only to another commercial bank who could also issue money).

THREE WAYS TO FINANCE A HOME: DEEP ACCOUNTING ANALYSIS

Your mortgage contract IS a real asset – like a bond with a payment stream. Banks can (and do) sell these as CLOs/MBS.

So what's really happening?

CASH LENDER (PENSION FUND BUYS MORTGAGE)

The fund has $380k cash and wants to earn interest by lending it to you.

T0: Contract signed, funds disbursed

Pension Fund Books	Debit	Credit
Loan Receivable	+$380k	
Cash		-$380k
Net Asset Change		**$0**

The fund **swapped** one asset (cash) for another (your loan). Total assets unchanged. They had to HAVE the cash first. The cash LEFT their possession.

T1-T25: You make payments (~$24k/year)

Pension Fund Books	Debit	Credit
Cash	+$24k	
Loan Receivable		-$15k (principal)
Interest Revenue		-$9k (income)

T25: Loan fully repaid

Summary	Amount
Total cash received	$600k
Original cash out	-$380k
Net profit	**$220k interest**

The pension fund earned $220k by lending EXISTING money for 25 years.

BANK "LENDS" YOU $380K (CREDIT CREATION)

The bank has no cash earmarked for your loan. Watch carefully.

T0: Contract signed: what SHOULD happen (Werner's Step 1)

Bank Books (Step 1)	Debit	Credit
Loan Receivable	+$380k	
Accounts Payable		+$380k (bank owes you)
Balance Sheet	**+$380k**	**+$380k (expands)**

At this point, the bank has your IOU (asset) and owes you $380k (liability). This is IDENTICAL to the pension fund after signing but before paying.

T0: "Disbursement": the magic trick (Werner's Step 2)

Bank Books (Step 2)	Debit	Credit
Accounts Payable	+$380k	
Customer Deposits		+$380k (your "deposit")
Net change	**$0**	**$0 (just relabeling)**

No cash moved. The bank simply RENAMED its liability from "Accounts Payable" to "Customer Deposit."

Combined effect at T0:

Bank Books (Net)	Debit	Credit
Loan Receivable	+$380k	
Customer Deposits		+$380k
Balance Sheet	**+$380k**	**+$380k**

Balance sheet EXPANDED by $380k on both sides. No existing asset was used.

T0+: You spend your "deposit" (write cheque to home seller at different bank)

Bank Books	Debit	Credit
Customer Deposits (yours)	-$380k	
Reserves (at Central Bank)		-$380k

Reserves leave when your deposit moves to another bank.

But **on average**:

Bank Books	**Debit**	**Credit**
Reserves (at Central Bank)	+$380k	
Customer Deposits (other borrower)		+$380k

Some other borrower at some other bank just spent their loan proceeds here. **Net reserve change ≈ $0** – it's a closed loop across the banking system.

Key insight: The pension fund needed cash BEFORE lending. The bank creates the deposit FIRST, then "manages reserves" – which in practice means waiting for other banks' borrowers to deposit here.

T1-T25: You make payments

Same as pension fund – bank collects $600k over 25 years, earns $220k interest.

BUT WAIT – ISN'T THE LOAN A "REAL" ASSET BEING DRAWN DOWN?

Your loan contract IS valuable – PV of $600k payments at 1% discount ≈ $500k. Banks DO sell these. So isn't the bank "spending" this asset to create your deposit?

No. Here's why:

Account Type	Pension Fund	Bank
Loan Receivable	+$380k (asset gained)	+$380k (asset gained)
What was given up	-$380k cash (asset lost)	**Nothing** (liability created)
Net asset change	$0	+$380k

The bank's loan asset is NOT reduced by the deposit liability. They're separate entries. The bank could still sell the loan (CLO) even with your deposit on their books.

The loan doesn't "back" the deposit in accounting terms – both are created simultaneously from your signature. The bank gained an asset WITHOUT giving up an asset.

ALBERTA BUCK (YOU MONETIZE YOUR OWN EQUITY)

You own a home worth $505k. You want $380k liquidity without borrowing.

Before: Your Balance Sheet

Your Assets	Amount	Your Liabilities	Amount
Home	$505k		
Total Assets	$505k	**Total Liabilities**	$0
Your Equity			**$505k**

T0: Attest home value, issue $380k in Alberta Bucks

Your Books	Debit	Credit
BUCKs (cash asset)	+$380k	
BUCKs Issued		+$380k (liability)
Net Equity Change		**$0**

Simultaneously: Insurer places LIEN on $380k of your home value.

After: Your Balance Sheet

Your Assets	Amount	Your Liabilities	Amount
Home	$505k	BUCKs Issued	$380k
BUCKs (to spend)	$380k	(Lien to insurer)	($380k)
Total Assets	$885k	**Total Liabilities**	$380k
Your Equity			**$505k**

Your NET WORTH is unchanged ($505k). But the COMPOSITION changed:

- Before: $505k illiquid home equity
- After: $380k liquid BUCKs + $125k unencumbered equity + $380k encumbered equity

T0+: You spend BUCKs (buy car for $50k)

Your Assets	Amount	Your Liabilities	Amount
Home	$505k	BUCKs Issued	$380k
BUCKs remaining	$330k		
Car	$50k		
Total Assets	$885k	**Total Liabilities**	$380k
Your Equity			**$505k**

You draw down BUCKs to acquire the Car – an asset swap. Total assets unchanged at $885k.

T1-T50: Demurrage and Jubilee

BUCK holders (whoever holds BUCKs) pay 2%/year demurrage to Jubilee Fund. Fund accumulates and pays down liens over time.

T25: You want to release your home (early redemption)

Redemption Calculation	
Original BUCKs issued	\$380k
Years elapsed	25
Demurrage rate	2%/year
Jubilee credit	\$380k × 2% × 25 = \$190k
Your redemption cost	\$380k - \$190k = **\$190k**

Your Books (Redemption)	Debit	Credit
BUCKs Issued (liability)	+\$380k	
Cash (your payment)		-\$190k
Jubilee Fund credit		-\$190k
Lien released	✓	

T50: Automatic Jubilee (if you never redeem)

Jubilee Calculation	
Demurrage accumulated	$380k × 2% × 50 = $380k
Your redemption cost	**$0 (automatic)**

Lien dissolves. Home fully unencumbered. No payment required.

THE FUNDAMENTAL DIFFERENCE: WHAT EXISTED BEFORE?

Question	Pension Fund	Bank	Alberta Buck
What asset existed before?	Cash ($380k)	**Nothing**	Home equity ($505k)
What was given up?	Cash	**Nothing**	Unencumbered equity
What was created?	Loan receivable	Loan + Deposit	BUCKs (money)
From what source?	Existing wealth	**Your signature**	Existing wealth
Who bears the cost?	Fund (opportunity)	**You (interest)**	You (insurance)
What backs the money?	Fund's cash	**Bank's IOU**	Your home equity

The bank creates BOTH sides from your signature – nothing existed before.

You create money from EXISTING equity – your wealth backs the money.

BUT WHAT ABOUT BANK RESERVES?

"Banks need reserves to settle when deposits leave"

In a closed banking system: If all banks create credit roughly equally, deposits flowing OUT ≈ deposits flowing IN. Net reserve movement ≈ **zero**.

Bank A Action	Bank B Action	Reserve Movement
Creates \$380k loan	Creates \$380k loan	
Deposit spent → B	Deposit spent → A	
Loses \$380k reserves	Loses \$380k reserves	
Gains \$380k from B	Gains \$380k from A	
Net reserve change		**≈ \$0**

Banks don't "draw down" reserves in normal operations – it's a closed loop.

WHY STABLECOINS BREAK THIS

When you buy $100k USDT, your bank deposit **leaves the banking system entirely**.

Step	Bank System Effect	Tether Effect
You send $100k to Tether	Deposit disappears	Receives $100k
Tether buys Treasuries	$100k leaves banks	Earns yield
No offsetting deposit	**Net drain: -$100k**	No reserve required

Stablecoins are a one-way valve: Deposits exit the banking system, never return.

WHY GENIUS ACT ALARMS BANKS

The GENIUS Act legitimises entities that:

- Drain deposits from banks (no offsetting inflow)
- Don't hold reserves (unlike banks)
- Earn yield on backing assets (Bonds, gold, BTC)
- Compete for deposits without banking costs

CLARITY Act blocked because stablecoin issuers want to offer **yields**. If stablecoins pay interest, they become strictly better than bank deposits.

Stablecoins scuttle the closed-loop reserve system that let banks create money without actually needing reserves.

ALBERTA'S BANKS: STARK OPTIONS

The era of charging premium rates for "lending" that's actually money creation is ending. Stablecoins, DeFi, and tokenised assets are exposing the model.

This is inexorable.

Option	Action	Outcome
Lead the transition	Partner on Alberta Buck development	New revenue: custody, attestation, insurance administration
Resist	Lobby against sound money	Temporary reprieve, then collapse
Ignore	Business as usual	Deposits drain to stablecoins

ATB Financial, Bow Valley Credit Union, Servus – Alberta's community banks can:

- Provide attestation and custody services (fee income)
- Administer insurance pools (steady revenue)
- Manage redemption and Jubilee operations
- Become trusted infrastructure, not extractive intermediaries

The choice: Cannibalise yourself, or be cannibalised.

Company	Killed their own…	Before competitors mastered…
Netflix	DVD rentals	Video Streaming
Apple	iPod	iPhone
Amazon	Retail margins	AWS + Prime + Distribution
Banks?	**Money issuance fees**	**Stablecoins, DeFi, Alberta BUCKs**

Every industry that survived disruption did it by killing their own cash cow first. Banks that wait for Tether and Circle to finish the job will have nothing left to transition **to**.

CHALLENGE TO ALBERTA

The federal government won't lead this. Ottawa protects Bay Street.

Alberta can:

- Pioneer sound money backed by real provincial wealth
- Keep $23B/year circulating in Alberta instead of flowing to Toronto
- Demonstrate that money creation doesn't require debt slavery
- Build financial infrastructure that serves citizens, not extracts from them

THE CENTRAL PROBLEM

Citizens and Businesses Cannot Do What Banks Do

Banks create new money backed by **your** assets, charge **you** interest, and can **sieze** your assets. You cannot create money backed by your own assets – you *must* **borrow** from those who can, on their terms.

Entity	Creates Money?	Pays Interest?	Risks Assets?
Bank	Yes (backed by your asset)	No (creates it)	No (legal claim on your asset)
Business	**No**	**Yes**	**Yes** (shop)
You	**No**	**Yes**	**Yes** (home)

Result: Wealth transfer from creators to money issuers

THE SOLUTION: ALBERTA BUCK

Create money backed by your assets – not money backed by debt, backed by your assets

Aspect	Bank Mortgage	Alberta Buck
What backs money?	Bank's unpaid IOU (from nothing)	**Your actual home equity**
Who creates money?	Bank from your debt's value	**You from your asset's value**
Equity drawn down?	No (just collateral if default)	**Yes (lien on pledged portion)**
Annual cost	$21,000 interest + insurance	**Only insurance**
Interest?	Compounds and persists forever	**No**
Ownership?	Yes, until default	**Yes, always**

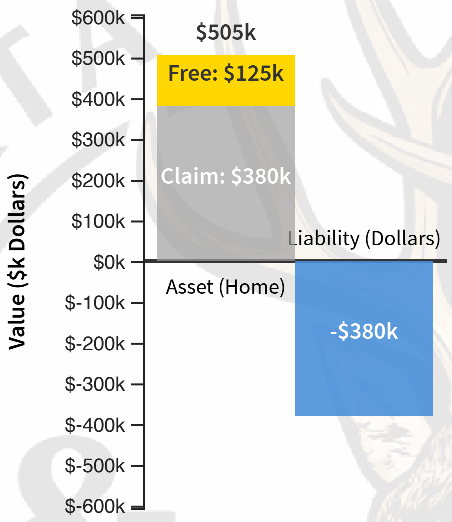
Exactly the same asset, insurance and money issued.

Just no bank – and no forfeiture risk.

HOW IT WORKS

1. **Attest your wealth** – Verify ownership and value of asset(s)
2. **Create Alberta Bucks** – Issue tokens representing a portion
3. **Use the liquidity** – Spend Alberta Bucks in the economy
4. **Pay insurance, not interest** – ~0.2-0.5% annual premiums vs. 5-7% interest
5. **Retain ownership** – Keep full use and control of your assets
6. **Redeem BUCKs issued when selling the asset**

CLAIM MONEY: VISUALIZED



Home Value $505000

Mortgage (Claim) $380000

Your insured, attested Asset (a home) is drawn down by a Liability (BUCKs issued). An insurer has a Lien on the portion of the Asset used. Your books balance.

JUBILEE: NO PERMANENT LIABILITIES

All claims against assets dissolve in 50 years

The Demurrage Mechanism

A **2.0% annual demurrage fee** on all BUCK balances:

- Holding BUCKs costs 2.0%/year
  - Incentivises investing, not hoarding
- This fee accrues to a **Jubilee Fund**
  - Fund returns may reduce demurrage rate
- The fund pays down asset liens over time

REDEMPTION FORMULA

To release an asset early, you pay:

$$\text{Redemption} = V \times (1 - 0.02 \times Y)$$

Where V = original value pledged, Y = years since pledge.

EXAMPLE: A PLEDGED HOME

Years Pledged	Redemption Cost	Monthly Equivalent
0	$380,000	---
10	$304,000	$2,533/mo
25	$190,000	$633/mo
50	$0 (automatic)	$0

After 50 years, the lien dissolves automatically

- Family assets recovered after poor decisions

PROVEN AT SCALE

By history, academic research, and live systems

Precedent	Duration	Scale	Validation
Colonial Land Banks	70+ years	Colonial economies	Historical success
Swiss WIR Bank	90+ years	60,000+ businesses	Ongoing operation
ATB Financial	87+ years	$60B assets	Alberta capacity
MakerDAO/DAI	8+ years	$5B+ RWA	Technical proof
USD Stablecoins	10+ years	$180B market	Massive adoption

Bank of England (2014) and Werner (2014) confirm: banks create money when lending – not intermediation of deposits, but credit creation from borrower assets.

MAKERDAO: REAL-WORLD VALIDATION

- **$5+ billion** in real-world asset-backed stablecoins (DAI)
- Accepts tokenized real estate, bonds, and other assets as collateral
- Users retain ownership unless liquidated for value decline
- **Proves the core mechanism works at scale**

TECHNOLOGY COMPONENTS (ALL PRODUCTION-READY)

1. Blockchain infrastructure (Ethereum, Polygon, or Alberta-specific)
2. Smart contracts (insurance, minting, redemption)
3. Asset tokenization (NFTs for individual assets)
4. Fungible tokens (ERC-20 for circulation)
5. Oracle networks (Chainlink for prices, verification)
6. Parametric insurance (automated claim issuance)
7. DeFi pools (BUCK/CAD, BUCK/USD liquidity)

Alberta would be implementing, not inventing

WHY HASN'T THIS BEEN DONE?

If savings are this significant, why isn't everyone doing it?

Barrier	Explanation
Bank profits	Banks earn $23B/year from Alberta alone – no incentive to change
Regulatory capture	Financial regulation is written by and for incumbent banks
Technical barriers	Blockchain, smart contracts, stablecoins only matured in the last decade
Government inertia	"This is how it's always been done" – until someone leads

Some people ARE doing it; Most economists and bankers don't *realize* this is money issuance, yet:

- MakerDAO: $5B+ in asset-backed tokens issued
- Stablecoin market: $180B and growing rapidly

IMPACT: HOUSEHOLDS

40% reduction in home ownership costs

- 580,000 mortgaged households in Alberta
- Average savings: **$8,869/year** per household
- If 50% adopt: **$5.8 BILLION retained annually**
- Money stays in Alberta communities instead of flowing to distant institutions

DETAILED COMPARISON

Traditional Mortgage (4.0%, 25 years)

- Year 1: $15,200 interest paid
- Total interest: **$221,734**
- **Total cost: $620,734**

Alberta Buck (0.2% insurance)

- Year 1: $760 insurance paid
- Total insurance: **$19,000**
- **Total cost: $399,000**

Lifetime savings per household: $221,734

IMPACT: BUSINESS

Businesses exist primarily to pay interest, not create owner wealth. Alberta Buck frees capital for investment, hiring, and growth.

Sector	Debt Carried	Interest Cost	BUCK Insurance	Annual Savings
Grain Farm	$2.0M	$100K/year	$15K/year	**$85K**
Manufacturer	$2.0M	$125K/year	$10K/year	**$115K**
Entrepreneurs	Avg $333K	$21K/year	$2.7K/year	**$18K**

- 170,000 small businesses; ~120,000 carrying debt
- Total business debt: $40+ billion
- **Aggregate annual savings: $8.4 billion/year**

AGRICULTURE: HARVEST CYCLE OPTIONS

Current cruel choice:

- Sell at harvest when prices are lowest, or
- Finance storage while borrowing at interest hoping for price improvement

With Alberta Buck:

- Attest stored crop value → Create BUCKs for immediate needs → Redeem when selling at optimal prices
- Breaks debt-driven cycle forcing poor sale prices
- Restores hope to small-scale family farming

IMPACT: PROVINCIAL GOVERNMENT

Eliminating $3.2B/year in debt servicing

Item	Amount
Provincial debt	$82.8 billion
Annual debt servicing	$3.2 billion
Cost per family of four	$2,800/year

Alberta's attestable public wealth: **$430+ billion** (Heritage Fund, Crown lands, infrastructure, resource royalties)

EXAMPLE: $10 BILLION INFRASTRUCTURE PROGRAM

Metric	Traditional Bonds	Alberta Buck
Principal	$10B	$10B
Term	20 years	20 years
Annual interest/insurance	$400M (4%)	$30M (0.3%)
Total 20-year cost	$18B	$10.6B
Savings	---	**$7.4B**

THE COMPOUND ADVANTAGE: 30-YEAR ANALYSIS

With $80B financing over 30 years:

- Traditional bonds: Total cost $138.8B, end with nothing
- Alberta Buck: Total cost $105.5B, invest $1.11B annual savings

THE SHOCKING DIFFERENCE IN OUTCOME

At 4% return, investment account grows to $211.8B

Metric	Traditional	Alberta Buck
Total financing cost	$138.8B	$105.5B
Investment account	$0	$211.8B
Net position	**-$138.8B**	**+$106.3B**

Heritage Fund could grow by $325 billion over 30 years

CONSTITUTIONAL FOUNDATION

Alberta has unique authority under Sections 92(13) and 92A

Federal Power (s. 91)	Alberta Buck	Conflict?
Currency issuance (s. 91(14))	Not issuing legal tender	**No**
Monetary policy (s. 91(15))	Not setting interest rates	**No**
Banking regulation (s. 91(15))	Using insurance, not banking	**No**
Legal tender laws	CAD remains legal tender	**No**

Alberta Buck operates as insurance-backed wealth attestation and private contract enforcement – both provincial jurisdiction.

PROVINCIAL JURISDICTION

Section 92(13): Property and Civil Rights

- Property law and ownership verification
- Contract law and enforcement
- Insurance regulation and parametric insurance

Section 92A: Natural Resources Authority

- Exclusive jurisdiction over resource development
- Taxation and royalty collection
- Constitutional basis for monetizing resources

Precedent: ATB Financial has operated for 87 years outside federal Bank Act jurisdiction.

WHY PROVINCIAL PARTNERSHIP?

"If this is private contracts and insurance, why involve the province?"

Private implementation IS possible – MakerDAO proves it. But some banks will fight back instead of evolving.

When hostile banks realise their $23B/year cash cow is threatened, they will use every legal and regulatory tool to shut it down.

INSURERS NEED TO RECOVER ASSETS AFTER CLAIMS

Without Provincial Partnership	With Provincial Partnership
Insurance unenforceable (no lien recovery)	Liens registered with Land Titles
Contracts challenged in hostile courts	Provincial contract law backing
Regulatory attacks on "unlicensed banking"	Clearly framed as insurance (s.92)
Insurers refuse coverage (can't recover)	AIRB-supervised, enforceable claims
Billions spent on legal defence	Provincial jurisdiction shields system

Without provincial partnership, asset recovery is legally uncertain – insurers won't participate, or premiums become prohibitive.

We must buttress every contract, insurance, and regulatory interface BEFORE rollout – not after hostile banks mobilise against us.

WHY NOW?

The technology is proven. The frameworks are emerging.

Jurisdiction	Initiative	Status
Wyoming	DAO legislation, stable token framework	Operational
Swiss Cantons	Monetary innovation, crypto-friendly	Active
Singapore	Digital asset framework	Advancing
Dubai	Crypto free zones	Attracting capital

Window of opportunity: Early movers establish frameworks, attract talent, build network effects.

All technology components are production-ready.

Alberta can lead – but the window won't stay open

ALBERTA'S UNIQUE CONVERGENCE

No other jurisdiction combines ALL these advantages:

- **Constitutional authority** (Section 92A) – unique among provinces
- **Massive attestable wealth** – $2+ trillion, highest per capita in Canada
- **Proven financial innovation** – ATB Financial, 87 years
- **Economic urgency** – $23B annual extraction creates pressure
- **First-mover opportunity** – available NOW

THE R&D PROGRAM

CAD$3M for 12-Months R&D & Prototype

Phase 1: Feasibility and Prototype:

Category	Amount
Personnel (10 senior)	$2,400,000
Infrastructure & Tools	$300,000
Stakeholder Engagement	$200,000
Contingency	$100,000
TOTAL	**$3,000,000**

What does this deliver?

✅	Legal certainty, working prototype, quantified risks, pilot design.
❌	Full provincial rollout (that's Phase 2, contingent on Phase 1 success).

TEAM STRUCTURE

- **Legal & Regulatory (3):** Constitutional lawyer, securities expert, insurance specialist
- **Financial Architecture (2):** Monetary systems architect, risk management
- **Crypto Engineering (3):** Blockchain architect, smart contract developer, security auditor
- **Analysis & Leadership (2):** Economic modeler, project director

DELIVERABLES AT MONTH 12

1. **Legal Compliance Framework** – Constitutional opinion, regulatory pathway, federal engagement strategy
2. **Working Prototype** – Testnet deployment, smart contracts, insurance integration, user interface
3. **Quantified Risk/Reward** – Household, business, provincial fiscal projections
4. **Regulatory Pathway** – Step-by-step compliance roadmap
5. **Pilot Program Design** – Participant criteria, measurement framework, Phase 2 plan

OR: THE MANHATTAN PROJECT OPTION

$6M, 20 senior staff, 12 months to full roll-out

Standard R&D	Manhattan Project
10 staff	20 staff (3× technical team)
12 months, normal hours	12 months 3×9-hour overlapping shifts
Prototype only	Production-ready, fully scalable
Phase 2 required	Pilot launch at month 6-9, public at 12
$3M investment	$6M investment

If this is a civilisation-changing projet, treat it like one. When the stakes are $23B/year and generational wealth transfer, half-measures waste time. Double the investment. Triple the team. Work non-stop until Alberta has a fully scalable implementation.

RISK & MITIGATION

Risk	Mitigation
Federal challenge	Frame as insurance/property (provincial jurisdiction)
Market volatility	Diversified assets, conservative valuations
Adoption resistance	Voluntary, parallel system, clear savings demo
Technical complexity	Proven DeFi infrastructure, multiple audits
Liquidity concerns	DeFi pools, Heritage Fund initial liquidity

Research will quantify each risk with probability estimates and impact assessments. Government decision based on objective analysis, not speculation.

A GENERATIONAL OPPORTUNITY

Canada's best and brightest are leaving – where to?

Staying in Canada	Leaving Canada
10-15× income housing	3-5× in US, elsewhere
Dual income required forever	Single income possible
Family formation impossible	Family formation viable
Debt servitude as lifestyle	Wealth building possible
Birth rate 1.4 (civilisational collapse)	Replacement possible

Young Canadians aren't lazy. They just want a life that doesn't punish productivity with debt slavery.

The question: Can Alberta become where they go instead of away?

ALBERTA AS THE BEACON

If Alberta embraces monetary liberty:

Canada (Status Quo)	Alberta (With Alberta Buck)
Housing: 10-15× income	Housing: 4-6× income
Cost: Interest + insurance	Cost: Insurance only
Family wealth: Extracted	Family wealth: Transferred
Young talent: Fleeing	Young talent: Arriving
Birth rate: Collapsing	Birth rate: Recovering

Alberta becomes the destination – not just for Albertans, but for ambitious Canadians from coast to coast, and talent from around the world seeking opportunity.

THE VIRTUOUS CYCLE

Sound money creates a magnet effect:

1. **Lower housing costs** → Young families can buy homes
2. **Family formation viable** → Birth rates recover
3. **Talent attracted** → Innovation flourishes
4. **Wealth circulates locally** → $23B/yr grows Alberta
5. **Success attracts more success** → Alberta becomes Canada's engine

Alberta doesn't just keep its youth. It attracts the best from everywhere.

HOW ALBERTA BUCK ENABLES THIS

Young Albertan earning $60,000/year:

Traditional path: Can afford only ~$240,000 mortgage (4× income). Average home costs $380,000+. **Housing out of reach.**

Alberta Buck path: Family attestation enables $200K BUCKs from parents' equity. Young person buys home with $300K BUCKs issued. Annual cost: $6,760 vs $17,260 traditional.

Housing cost: 11% of income (achievable) vs. 29% (impossible)

THE ASK

CAD$3 Million for 12-Month R&D

Metric	Amount
Research investment	$3M
Annual savings potential	$23B
First year ROI	**7,667×**
30-year value (present value)	**$325B+**

Even at 10% of potential:

2.3B annual savings = 767× ROI

INVESTMENT VS. STATUS QUO

Status Quo:

- $23B annual extraction = $63M/day = $2.6M/hour

Research Investment:

- $3M one-time = **68 minutes of current extraction!**
- Could potentially eliminate the *entire* extraction

Research costs $3M.

Status quo costs $63M every single day.

THREE SCENARIOS

Scenario	Action	Outcome
Lead	Fund $3M R&D now	First-mover advantage, $23B retained, demographic reversal
Follow	Wait for others	Lose advantage, 5+ years of $23B extraction ($115B+)
Ignore	Do nothing	$23B extraction forever, demographic collapse accelerates

THE BOLD ASK: A CIVILISATION-CHANGING PROJECT

$3M proves it works. $6M makes it real.

Standard Ask	Bold Ask
$3M R&D	$6M Manhattan Project
12 months to prototype	12 months to production
Prototype	Fully scalable implementation
Cautious	**Decisive**

Alberta's oil sands technology changed global energy, and agricultural innovation fed the world.

This is the next transformation: sound money that keeps wealth with those who create it.

NEXT STEPS

From Proposal to Program

IMMEDIATE (WEEKS 1-4)

- Cabinet briefing and Treasury Board approval
- Team recruitment initiation
- Constitutional lawyer engagement

MONTHS 1-3

- Team assembly, research workstreams initiated
- Constitutional analysis underway
- Technical architecture design

MONTHS 4-9

- Smart contract development and testnet deployment
- Economic impact modeling
- Security audit and regulatory compliance documentation

MONTHS 10-12

- All deliverables complete
- External expert review
- Ministry briefings and Cabinet presentation
- **Go/No-Go decision**

CLOSING

Alberta's Defining Moment

Element	Status	Evidence
Identified	✓	Wealth-backed money (claim money)
Validated historically	✓	Colonial Land Banks, WIR Bank (90+ yrs)
Validated modern	✓	MakerDAO ($5B+), stablecoins ($180B)
Technically feasible	✓	Proven DeFi infrastructure
Constitutionally viable	✓	Legal analysis complete
Economically transformative	✓	$23B annual impact quantified

Each day of delay costs Albertans $63 million.

Will you lead this transformation, or watch others pioneer what Alberta could have owned?

THANK YOU

For Alberta's Future

Dominion Research & Development Corp.