OUTRUNNING THE STORM — Investment & Returns at a Glance

Total investment, jobs created, money saved, industry revenue, emissions reduced, and bankruptcies prevented — by sector, national project, province, and territory.

Sector / Project / Province	Investment Required	Jobs Created	Money Saved (Annual)	Industry Revenue	Emissions Reduced	Bankruptcies / Failures Prevented
SECTORS						
Agriculture & Food Systems	$9–12B (5 yr)	10,000–20,000 ag tech + 3,000 perm rail/logistics	$8–14B/yr avoided	$180–250M/yr potash; $300–600M hydro export	2–5 Mt CO_2e/yr (no-till + green ammonia)	~15,000–25,000 farms; FCC $50B+ portfolio protected
Healthcare	$8–10B (7–10 yr)	2,000–5,000 pharma mfg + 3,000 R&D	$4–7B/yr avoided	$2.3B stockpile (cost-recoverable rotation)	0.3–0.8 Mt CO_2e/yr (facility retrofits)	Prevents drug shortages; protects 38% national drug supply
First Nations & Northern Comm.	$2.5–4B (Tier 1); $15–20B (long-term)	3,000–6,000 perm community energy jobs	$1.5–2.5B/yr avoided	$50–80M/yr Nutrition North cost recovery	0.8–1.5 Mt CO_2e/yr (diesel displacement)	~300 communities; prevents humanitarian emergency
Trucking, Freight & Municipal	$1.6–2.2B (5 yr)	5,000–10,000 construction + logistics	$2–4B/yr avoided	$307M retrofit payback <6 months/trailer	0.5–1.5 Mt CO_2e/yr (aerodynamics + modal shift)	Prevents 2,000–5,000 trucking insolvencies/yr
Household Heating & Personal Debt	$700M–1B (Tier 1); $300–400M (5 yr rollout)	3,000–5,000 HVAC installers + retrofits	$2–3B/yr avoided	Heat pumps: 4-yr payback at $150/bbl vs. 10 yr	3.5–6 Mt CO_2e/yr (1M homes converted)	Shields 3.1M mortgage renewals; 85% filers already employed
Fiscal & Monetary Policy	$0 (sovereign instrument decisions)	N/A (prevents job destruction)	$20–35B/yr in cascade damage prevented	Bank of Canada net-zero financing cost (dividends returned)	N/A (indirect: prevents demand destruction emissions)	Prevents 500K–1M household insolvencies at $150/bbl
URGENT ACTIONS						
90 Urgent Actions (aggregate)	$15–25B Tier 1+2 over 3–5 yr; ~30 actions cost $0	150,000–270,000 job-years; 25,000–40,000 permanent	$20–35B/yr avoided nationally at $150/bbl	$300–600M/yr hydro export windfall (zero capital)	18–40 Mt CO_2e/yr at full deployment	Prevents farm exit wave, drug shortages, rail closures, heating emergencies
NATIONAL PROJECTS						
Methane-to-Materials	$3.5–6B public; $14–22B private (10 yr)	80,000–120,000 direct + indirect	$50/t avoided methane abatement cost	$45–65B GDP contribution (central scenario)	30–62 Mt CO_2e/yr (16–33% of oil & gas sector)	Eliminates LNG flaring liability; displaces Chinese graphite supply
Passenger Rail	$8.6–12.5B Phase 1; $38–65B full (25 yr)	30,000–55,000 construction; 8,000–15,000 perm ops	$3–8B/yr avoided household fuel costs at $150/bbl	Operational revenue + freight; $4.9–6.2B scrap metal credit	4–8 Mt CO_2e/yr (truck-to-rail shift; near-zero on nuclear grid)	Replaces uneconomic air travel; prevents logistics collapse in corridor cities
Prairie Biochar Network	$500M–1B (5 yr)	8,000–15,000 rural install; 3,000–6,000 perm	$15–25/tonne delivered biochar (backhaul model)	$9–17.5M EBITDA/yr (Phase 1 hub); 4–7 yr payback	5–12 Mt CO_2e/yr (carbon sequestration + avoided field burning)	Provides farm income floor; reduces fertiliser input cost exposure

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Jobs Programme & Many Fields	$2.7–4.9B/yr at full operation	50,000–100,000 direct positions; $5–15 ROI/$1 literacy	30–50% offset from reduced emergency services	$500M rural food processing fund; 200–300 processing nodes	Indirect (ecological restoration, habitat, fire breaks)	Addresses care, literacy, settlement gaps; prevents community collapse during shock
PROVINCES & TERRITORIES						
Alberta	$3.5B (Tier 1+2 at $150)	15,000–25,000 job-years	$3–6B/yr saved	$15–20B/yr royalty windfall → Heritage Fund	Included in national totals	40,000 farms + AHS portfolio protected; ATCO communities secured
British Columbia	$2.5B (Tier 1+2 at $150)	10,000–18,000 job-years	$2–4B/yr saved	$100–150M/yr hydro export (zero cost)	Kitimat hub: up to 30 Mt CO_2e/yr (methane project)	20 off-grid First Nations; horticulture sector; BCEHS protected
Manitoba	$2B (Tier 1+2 at $150)	12,000–20,000 job-years; 200–400 perm (green ammonia)	$1.2–2B/yr saved	$50–80M/yr Hydro MISO export (zero cost)	2–4 Mt CO_2e/yr (ammonia + biochar + no-till)	14,000 farms; 30 remote FN communities; CentrePort logistics secured
Quebec	$6B (Tier 1+2 at $150)	20,000–35,000 job-years	$3–5B/yr saved	$200–400M/yr HQ export (zero cost); aluminum sector premium	3.5–6 Mt CO_2e/yr (465K heat pumps + Nunavik microgrids)	465K oil-heated homes; Nunavik 32 communities; pharma cluster
Saskatchewan	$3.5B (Tier 1+2 at $150)	10,000–18,000 job-years	$2.2–4B/yr saved	$180–250M/yr potash priority allocation benefit	Green ammonia: 0.8–2 Mt CO_2e/yr; no-till: 1–2 Mt CO_2e/yr	34,000 farms; 55% national grain throughput; shortline rail preserved
Ontario	$9B (Tier 1+2 at $150)	30,000–55,000 job-years	$5–10B/yr saved	Pickering: $3.5B/yr electricity cost avoidance	3,100 MW nuclear preserved (zero-carbon baseload)	48,000 farms; 49 NAN communities; national pharma supply protected
Nova Scotia	$1.8B (Tier 1+2 at $150)	5,000–10,000 job-years	$1–1.8B/yr saved	Marine diesel subsidy preserves fishing export revenues	Cape Breton wind/tidal: 0.3–0.8 Mt CO_2e/yr	300K oil-heated homes; inshore fishing fleet; rural hospital staff
New Brunswick	$1.2B (Tier 1+2 at $150)	4,000–8,000 job-years	$0.7–1.2B/yr saved	Irving allocation guarantee: Atlantic fuel supply secured	Point Lepreau: 660 MW zero-carbon baseload preserved	Atlantic Canada fuel supply (all 4 provinces); forestry sector
Prince Edward Island	$250M (Tier 1+2 at $150)	1,000–2,000 job-years	$0.15–0.25B/yr saved	Potato harvest ($800M+ sector) fully secured	Wind expansion to 40%+ grid: 0.1–0.2 Mt CO_2e/yr	Island fuel supply chain; potato sector; ferry link protected
Newfoundland & Labrador	$1.5B (Tier 1+2 at $150)	4,000–8,000 job-years	$0.8–1.5B/yr saved	Offshore royalty windfall → permanent energy fund	Holyrood thermal reduction: 0.3–0.6 Mt CO_2e/yr	Labrador Inuit/Innu communities; inshore fishery; outport communities
Northwest Territories	$800M (Tier 1+2 at $150)	2,000–4,000 job-years	$0.4–0.8B/yr saved	Diamond mining sector logistics protected	Mackenzie Intertie: 0.5–1 Mt CO_2e/yr (long-term)	33 communities; NTPC solvency; diamond sector continuity
Nunavut	$1.2B (Tier 1+2 at $150)	1,000–2,000 + 500 perm community energy	$0.5–1B/yr saved	Country food / fisheries infrastructure: long-term food sovereignty	Microgrids: 0.3–0.6 Mt CO_2e/yr (100% diesel displacement)	25 communities; QEC solvency; sealift-dependent supply chain

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Yukon	$450M (Tier 1+2 at $150)	1,500–3,000 job-years	$0.2–0.4B/yr saved	Mining royalty windfall → Critical Minerals Fund	Pumped hydro: 0.1–0.3 Mt CO_2e/yr (long-term)	Old Crow + 20 off-grid communities; essential air services; Dempster Hwy
CANADA TOTAL						
CANADA — TOTAL	**$15–25B (Tier 1, 3–5 yr); $60–120B (Tier 2, 10–25 yr)**	**215,000–390,000 job-years; 25,000–40,000 permanent net new positions**	**$28–50B/yr at $150/bbl; $75–115B/yr at $200/bbl**	**$300–600M/yr zero-cost hydro exports; $45–65B GDP (methane project, 10 yr)**	**Reduction of 18–40 Mt CO_2e/yr (3–6% of Canada's 700 Mt total); methane project reduces further 30–62 Mt**	**Prevents farm exit wave; drug shortages; shortline rail closures; northern heating emergencies; 500K–1M household insolvencies**

Source: Outrunning the Storm: Hardening Canada Now Against the Coming Oil Shock — LSCM Inc. / Dougald Lamont, May 26, 2026. Figures at $150/bbl sustained scenario. All figures carry ±30–50% uncertainty. Investment figures are Tier 1 + Tier 2 combined unless otherwise noted. Jobs are direct + indirect job-years unless noted as permanent. Emissions are annual at full deployment.