

# RECOMMENDATIONS FOR BUDGET 2024

## Appendix 1 SUMMARY TABLE OF RECOMMENDATIONS' RECOMMENDED INVESTMENTS

millions of dollars

Recommendation <i>Subrecommendation</i>	Likely Lead Department(s)	2024-25	2025-26	2026-27	2027-28	2028-29	ongoing	(end-year)
<b>FEATURE RECOMMENDATIONS</b>								
<b>FINANCING NATURE PROTECTION &amp; RECOVERY IN CANADA</b>	ECCC, NRCan, DFO, PC, TC + PCO, FIN, AAFC, CFIA, PS, PHAC, HC, PMRA, GAC, StatCan	See Financing Nature Protection & Recovery – Detailed recommendations, below.						
<b>RENOVATION WAVE FOR CLIMATE RESILIENT HOMES AND AFFORDABLE HOME ENERGY</b>								
<b>No-cost retrofits for low-income households</b>	NRCan, CMHC, HC, INFC	4,000	4,000	4,000	4,000	4,000		
<b>National Affordable Home Energy Strategy</b>	NRCan, INFC	1.5	1.5	1.5	1.5	1.5		
<b>Retrofits for Indigenous communities</b>	ISC, CMHC, CIB, INFC	540	540	540	540	540		
<b>Skill development, capacity, &amp; recruitment</b>	NRCan, ISED, HC	300	300	300	300	300	2033-2034	
<b>Last-mile investment for deep retrofit demonstration projects</b>	NRCan	25	25	25	25	25	2033-2034	
<b>Loan-guarantee program</b>	CMHC, CIB, NRCan	No additional cost – we expect this could be achieved using existing capacity.						
<b>ADVANCING A ZERO-EMISSIONS ELECTRICITY GRID BASED ON RENEWABLES</b>								
<b>Federal support for grid upgrades</b>								
Interprovincial transmission	NRCan	4,000	4,000	4,000	4,000	4,000		
Indigenous-led & community-led generation	NRCan	960	960	960	960	960		
Clean energy deployment in remote Indigenous communities	NRCan, CIRNAC, ISC, INFC	800						
Clean energy projects in equity-deserving communities	NRCan, CIB	3	3	3	3	3		
<b>Best practices in clean electricity governance</b>								
Funding for provinces to improve their electricity system	NRCan	40	40	40	40	40		
Enhance regional cooperation and research	NRCan	30	30	30	30	30		
Consultative process	NRCan	5						
<b>ADVANCING SUSTAINABLE JOBS FOR A NET-ZERO CANADA</b>								
<b>Data collection for planning</b>	NRCan, ESDC, StatCan, CCEI	6	6	6	6	6		
<b>Indigenous participation in governance</b>	NRCan	1,000	1,000	1,000	1,000	1,000		
<b>Workforce development</b>								
Tuition credit program	ESDC	30	30	30	30	30		
Support for workers navigating pathways	NRCan, RDAs	50	50	50	50	50		
<b>Regional planning and job-creating projects</b>								
Regional planning and capital investment	NRCan, RDAs	1,300	1,300	1,300	1,300	1,300		
Economic supports for transition-affected regions	NRCan, RDAs	54	54	54	54	54		
<b>SUSTAINABLE AGRICULTURE</b>								
<b>Avoided land conversion and habitat retention</b>								
National Land Use Strategy	AAFC, NRCan, ECCC	9	8	8				
<b>Agricultural habitat incentive programs</b>								
<i>National Perennial Forage Conversion Program</i>	AAFC	100	100	100	100	100		
<i>Maximizing the return of marginal land</i>	AAFC	100	100	100	100	100		
<i>Financial incentives to producers</i>	AAFC	200	200	200	200	200		
<i>Agri-Gift program</i>	AAFC, FIN	No additional cost.						
<i>Support access to agricultural lands</i>	AAFC, CRA	40	40	40	40	40	25	ongoing
<b>Environmental, climate, &amp; socio-economic data collection &amp; dissemination</b>								
Data and carbon accounting	AAFC, ECCC, StatCan	17	17	16	2	2	2	ongoing
Research to quantify economic, environmental, social benefits	AAFC, SSHRC, NSERC	20	20	20	20	20	20	ongoing
Valuing ecological services	AAFC	9	8	8				
<b>Accelerate and augment implementation of climate-smart &amp; nature-positive practices, technologies, innovations</b>								
Tools, technology transfer, & technical assistance	AAFC	100	100	100	100	100		
Soil Health Strategy	AAFC	1	2	3				

millions of dollars

Recommendation Subrecommendation	Likely Lead Department(s)	2024-25	2025-26	2026-27	2027-28	2028-29	ongoing	(end-year)
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**FEATURE RECOMMENDATIONS**

Business Risk Management programs								
<i>Climate Risk Reduction Fund</i>	AAFC	87	87	87	87	87	87	ongoing
<i>Program to pilot innovations</i>	AAFC	4	3	3				
<i>Enhance transparency/accessibility of data</i>	AAFC, StatCan	1	1	1	1	1		
<i>Establish early warning signs</i>	AAFC	94	93	93				
<i>Livestock Price Insurance</i>	AAFC	70	70	70	70	70		
Sustainable Value Chains Initiative	AAFC, ISED	110	110	110	110	110		

**COMPLEMENTARY RECOMMENDATIONS****INTEGRATING CLIMATE & NATURE ACROSS GOVERNMENT FISCAL POLICY, BUDGETING & SPENDING DECISIONS**

<b>Transforming Canada's economy through a net-zero industrial policy</b>								
Clean Infrastructure Incentive Fund	INFC	100	100	100	100	100		
Buy Clean practices	NRCan, PSPC, ISED	3	3	3	3	3		
Canadian innovation to decarbonize industry	NRCan, ISED	60	60	60	60	60		
Non-profit organizations host conversations	NRCan, ECCC	6	6	6	6	6		
Futures Fund for regional economic development agencies	ISED, NRCan	Please contact us for more details.						
Improve real-time reporting	ECCC, NRCan, ISED, CER, CCEI	No additional cost – we expect this could be achieved using existing capacity.						
<b>Climate &amp; biodiversity conditions on federal spending</b>								
Canada's carbon pricing system	PCO, FIN, ECCC, all departments	No additional cost – we expect this could be achieved using existing capacity.						
Fossil fuels – re-orienting domestic public finance & subsidies	ECCC, FIN	No additional cost, utilizing previously announced funds.						
Fossil fuels – re-orienting domestic public finance & subsidies	FIN, NRCan, ISED, ECCC, GAC	No additional cost – we expect this could be achieved using existing capacity.						
<b>Moving towards a more circular economy through reuse and repair</b>								
Repair fund	ISED, FIN	29	29	29	87	87	87	ongoing
Reuse fund	ECCC, ISED	34	33	33	35	35	35	ongoing

**CLIMATE ACTION THROUGH EMISSIONS REDUCTIONS**

<b>Ensuring accurate, measurement-based oil and gas methane data</b>								
	NRCan	15	15	15	15	15		
<b>Save and improve public transit service</b>								
Emergency operational funding	INFC	750						
Major capital projects	INFC	3,000	3,000					
Core funding stream for municipalities	INFC	1,000	1,000	1,000	1,000	1,000	1,000	ongoing
Per-ride subsidy funding	INFC	500	500	500	500	500	500	ongoing
<b>Decarbonizing medium- and heavy-duty vehicles</b>								
iMHZEV program	TC	667	667	667	667	666	666	2029-2030
Green Freight Program	NRCan	1,000						
<b>Electrifying school buses</b>								
	TC, ECCC, INFC, NRCan	Cost to be determined by program design.						
<b>Reducing carbon emissions from road transportation through electric-assisted bikes, equity and pricing solutions</b>								
Electric-assisted bike subsidies and scrappage program	TC	125	125					
Increase zero-emission vehicles accessibility	TC	No additional cost.						
<b>Marine Shipping</b>								
Zero-emission vessels	TC	10	10					
GHG emission reduction innovation fund	TC, NRCan	5	5					
Alternative fuels	TC, ECCC, INFC	20	20	20	20	20		
Marine fuel carbon pricing	TC, ECCC, DFO	2.5	2.5					
Canada's international climate finance	GAC, ECCC	3,500	3,500	3,500	3,500			

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<b>COMPLEMENTARY RECOMMENDATIONS</b>								
<b>CLIMATE ADAPTATION</b>								
<b>Ramping up core adaptation investments</b>								
Core adaptation programs	NRCan, INFC, ECCC, HC, CIRNAC, and other departments	8,000	8,000	8,000	8,000	8,000	8,000	2031-2032
National Adaptation Centre	ECCC	12.5	12.5					
<b>Municipal Climate Fund</b>	INFC	3,000	3,000	3,000	3,000	3,000	3,000	2030-2031
<b>ENVIRONMENTAL JUSTICE</b>								
<b>Office of Environmental Justice</b>								
Establish Office of Environmental Justice	ECCC	25	25	25	25	25	25	ongoing
Environmental enforcement	ECCC	40	40	40	40	40	40	ongoing
Screening and mapping tool	ECCC	30	10	10	10	10	10	ongoing
Collaborative partnerships and grants								
<i>Collaborative partnerships</i>	ECCC	2	2	2	2	2	2	ongoing
<i>Community grants</i>	ECCC	30	30	30	30	30		
<b>Chemical Management Plan</b>	ECCC, HC	200	300	300	300	300	300	ongoing
<b>Youth employment programs</b>	ESDC, PC, ECCC	80	500	500	500	500	500	ongoing
<b>FINANCING NATURE PROTECTION &amp; RECOVERY — DETAILED RECOMMENDATIONS</b>								
<b>PROTECT LAND AND OCEAN ECOSYSTEMS</b>								
<b>Indigenous-led conservation and protected areas</b>	ECCC, PC	1,000	1,075	1,150	1,225	1,300	1,375	Increasing to \$1.5 billion/year by 2030, then ongoing
<b>Species at risk</b>	ECCC, DFO, PC	156.5	156.5	293	293	293	293	ongoing
<b>Ecological connectivity</b>	ECCC, PC	100	100	100	100	100		
<b>Key Biodiversity Areas</b>	ECCC, PC							
<b>Endowment fund to strengthen private land conservation sector</b>	ECCC	100	100	100				
<b>Conserving Canada's ocean</b>								
Marine protected area network planning	DFO, PC, ECCC	32	32	32	32	32		
Marine Spatial Planning	DFO, ECCC, PC, NRCan, TC	15	15	15	15	15	15	ongoing
<b>RESTORE DEGRADED TERRESTRIAL &amp; AQUATIC ECOSYSTEMS</b>								
<b>Decade of Restoration: our shared pathway to Target 2</b>								
Restoration coordinating body	NRCan or ECCC	4	4	3	3	3	3	2029-2030
National seed supply	NRCan, AAFC, ECCC	9	9	8	8	8	8	2029-2030
Direct and establish restoration funds								
<i>Use existing funds to restore degraded terrestrial habitat</i>	Multiple departments	No additional cost – we expect this could be achieved using existing capacity.						
<i>Establish Canada Target 2 Restoration Fund</i>	ECCC, NRCan	72	72	72	71	71	71	2030-2031
<i>Habitat Infrastructure Renewal Fund</i>	ECCC	37.5	37.5	37.5	37.5			
<i>AAFC Living Labs techniques</i>	AAFC	5	5	5	5	5		
<i>Aquatic Ecosystem Restoration Fund</i>	DFO	42	42	42	42	41	41	2029-2030
<i>Parks Canada Conservation &amp; Restoration Program</i>	PC	9	9	8	8	8	8	2029-2030
<b>MANAGE AND USE BIODIVERSITY SUSTAINABLY</b>								
<b>Managing ocean fisheries</b>								
Ecosystem approach to fisheries management	DFO	35	35	35	35	35		
Catch monitoring and observer system	DFO	20	20	20				
Renew and revamp Atlantic Fisheries Fund	DFO	50	50	50	50	50		
<b>Underwater noise pollution</b>	DFO, TC	40	40	40	40	40		
<b>Freshwater management</b>								
Freshwater Action Plan	ECCC	56	56	56	56	56		
Freshwater management projects funding	ECCC	39	39	39	39	39		
BC Watershed Security Fund	ECCC	40	40	40	40	40	40	2033-2034
<b>Managing and reducing negative impacts to biodiversity</b>								
Invasive species	ECCC, PS, CFIA, AAFC, DFO, NRCan, HC	50	50	50	50	50		

millions of dollars

Recommendation  
Subrecommendation

Likely Lead Department(s) 2024-25 2025-26 2026-27 2027-28 2028-29 ongoing (end-year)

**COMPLEMENTARY RECOMMENDATIONS**

One Health approach	ECCC, PHAC, CFIA	24	24	24	24	24			
Pesticides - data for regulatory evaluation									
<i>Water monitoring</i>	PMRA, ECCC	8	8	8	8	8		Fund renewal in 2029	
<i>Collecting use data</i>	PMRA, AAFC	10	5	5	5	5			
<i>Monitoring risk to biodiversity</i>	ECCC	5	5	5	5	5			
Halt and reverse bird population declines	ECCC, PC	7	7	7	7	7	7	2029-2030	
<b>MAINSTREAM BIODIVERSITY AND MOBILIZE FINANCIAL RESOURCES</b>									
<b>Aligning policies &amp; investments with halting and reversing biodiversity loss by 2030</b>									
	FIN, ECCC, DFO, AAFC, NRCan, PCO	No additional cost – we expect this could be achieved using existing capacity.							
<b>International biodiversity assistance</b>	GAC, ECCC	600	600						
<b>Accurate data, research, information, and knowledge for improved evidence-based decision-making</b>									
Geospatial inventories	AAFC, DFO, ECCC, NRCan, StatCan	60	60	60	60	60			
Blue carbon	DFO	20	20	20	20	20			

**Department and Agency Acronyms**

<b>AAFC</b>	Agriculture and Agri-Food Canada	<b>ISC</b>	Indigenous Services Canada
<b>CCEI</b>	Canadian Centre for Energy Information	<b>ISED</b>	Innovation, Science & Economic Development Canada
<b>CER</b>	Canada Energy Regulator	<b>NRCan</b>	Natural Resources Canada
<b>CFIA</b>	Canadian Food Inspection Agency	<b>NSERC</b>	Natural Sciences and Engineering Research Council of Canada
<b>CIB</b>	Canada Infrastructure Bank	<b>PC</b>	Parks Canada
<b>CIRNAC</b>	Crown-Indigenous Relations and Northern Affairs Canada	<b>PCO</b>	Privy Council Office
<b>CMHC</b>	Canada Mortgage and Housing Corporation	<b>PHAC</b>	Public Health Agency of Canada
<b>CRA</b>	Canada Revenue Agency	<b>PMRA</b>	Pest Management Regulatory Agency
<b>DFO</b>	Fisheries and Oceans Canada	<b>PS</b>	Public Safety Canada
<b>ECCC</b>	Environment and Climate Change Canada	<b>PSPC</b>	Public Services and Procurement Canada
<b>ESDC</b>	Employment and Social Development Canada	<b>RDAs</b>	Regional Development Agencies
<b>FIN</b>	Finance Canada	<b>SSHRC</b>	Social Sciences and Humanities Research Council
<b>GAC</b>	Global Affairs Canada	<b>StatCan</b>	Statistics Canada
<b>HC</b>	Health Canada	<b>TC</b>	Transport Canada
<b>INFC</b>	Infrastructure Canada		



Photo: Andy Holmes