

Annex A. Identified LCC tools

Country/organisation	Available LCC tools	Link
Australia	Passenger cars, medical equipment, sports and recreation facilities (conditioning)	Vehicles ; sport and recreation facilities ; Victoria state government ; Central government
Austria	TCO-Tool for PCs und Notebooks	
Austria / ÖBB	„TCO CO2“ tool: generic tool which incorporates environmental costs into the TCO/LCC calculation making it useable for any GPP	Contact: sven.schirmer@oebb.at
Belgium (Government of Flanders)	Indoor lighting	
Denmark	Appliances: washers, freezers, dryers, ovens, Projectors, Storage equipment, Servers, Small network equipment and wi-fi "spot", Large network equipment, Uninterruptible power supply, capacitor units, multifunctional machines (copy and print), computers and monitors, vending machines (incl. Coffee), motor vehicles	https://csr-indkob.dk/tco-vaerktoejer/
EU-wide	Life-Cycle Cost for clean vehicles directive	https://clean-fleets.eu/publications/
	Smart-SPP generic tool	
	Indoor and outdoor lighting, vending machines, imaging equipment, computers and monitors	https://ec.europa.eu/environment/gpp/lcc.htm
Germany (Umweltbundesamt)	Generic Tool	https://www.umweltbundesamt.de/themen/wirtschaft-konsum/umweltfreundliche-beschaffung/berechnung-der-lebenszykluskosten
Germany (Umweltbundesamt)	Product specific tool	https://www.umweltbundesamt.de/dokument/berechnungswerkzeug-fuer-lebenszykluskosten
Germany (Police Berlin)	LCC Tool and Guidance for vehicles	
Germany (Berlin Energy Agency)	<ul style="list-style-type: none"> - Generic tool - Printer - Ablufttrockner - Electric oven - Dishwasher - Fridge - Washing machine - Dryer 	https://www.berliner-e-agentur.de/ueber-uns/service
Germany	Tool for green electricity (Ökostrom)	
	Tool for lifts	
Germany (Umweltamt)	Tool for floor coverings	
Germany (ZVEI - Central association for electrical engineering and the electrical industry)	Tool for comparison of Investment Projects	
Latvia	Road vehicles/ methodology and calculator	Methodology of the lifetime of road transport costs Procurement Monitoring Bureau (iub.gov.lv)
Lithuania	Appliances: washers, freezers, dryers (DK), Computers, monitors (EC), Hematology testing (LT), Projectors (DK),	

	Storage equipment (DK), Servers (DK), Small network equipment and wi-fi "spot" (DK), Large network equipment (DK), Uninterruptible power supply (DK)	
Netherlands (Rijkswaterstaat)	Dubocalc (Sustainable Construction Calculator)	https://www.dubocalc.nl/en/what-is-dubocalc/
Netherlands (SKAO – Foundation for Climate Friendly Procurement and Business)	CO2 Performance Ladder	https://www.co2-prestatieladder.nl/en/what-is-the-ladder
New Zealand	TCO Calculator	https://www.procurement.govt.nz/assets/procurement-property/documents/tool-total-cost-ownership-calculator.xlsx
Norway	Vehicles cars, vans and construction machines (CO2, fuel and electricity consumption)	https://www.anskaffelser.no/verktoy/analyseverktoy/effektkalkulator-personbiler
	Management tool for public owned vehicles	Søk Anskaffelser.no
	Tool for calculating the reference level for Co2 emissions from material use in buildings.	Bilparkdata Anskaffelser.no
	Climate calculator for procurement of food	Klimagassutslipp for bygg Anskaffelser.no
		Klimakalkulator for matanskaffelser Anskaffelser.no
Poland	Computers and monitors, indoor/outdoor lighting, imaging equipment	https://www.uzp.gov.pl/baza-wiedzy/zrownowazone-zamowienia-publiczne/zielone-zamowienia/przydatne-informacje/rachunek-kosztow-cyklu-zycia
Sweden	Indoor lighting; outdoor lighting; commercial kitchen; passenger cars; temporary modular buildings; vending machines; appliances	https://www.upphandlingsmyndigheten.se/om-hallbar-upphandling/ekonomiskt-hallbar-upphandling/lcc-for-langsiktig-hallbara-inkop/lcc-verktyg/
USA (EPA)	TCO calculator for Electronics	https://www.epa.gov/sites/production/files/fec/resources/tco_tool.xlsx
USA	Harvard - Tool for Energy Conservation Measures (ECM)	
	National Corrugated Steel Pipe Association - LCC calculator	



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