

Aspect / Criteria	Generals			Results	Application	Technical	Ecological	Economic	Social	Applicable to service users (PSS)	Data/database			Miscellaneous	Price / cost (e.g. user understanding, inductive learning, support by producer)	Designation	Further information available	Price	Date of last update
	Tool name	Software / hardware / method	Short description								Description of result presentation/visualisation	Applicable within industry / environment / sector	Technical assessment						
Base of tool LCA	Galb 4	Software and DB management	Standard LCA (single-step) management, inventory, impact assessment and transportation tool and LCA DB manager, graphical supported LCA modelling, comprehensive functionality and DB	evaluate	comprehensive result (inventory, impact assessment) of evaluated components, inventory table, graphical support, expert function (e.g. in excel)	environmental parameters and parameters (analysis), one indicator solution available	yes to help of process/technology/parameters/indicators	modelling of technical processes/parametric	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Europe	http://www.galb-soft.com/	professional 7500 EURO; base 4500 (EURO; additional licenses: 2000/3000 each; extension databases 200-3000 EURO)	Galb 4 Aug 2006
	Galb 4 DEX	Software and DB management (additional tool for Galb 4 extended)	identical base function as Galb 4 (see additional description), lacking through the entire LCA model, EOL assessment based on available material analysis, economic + ecological assessment of EOL within the LCA model, inclusion of compliance aspects for vehicle directive WEEE, RoHS and GSP	evaluate	same as Galb 4 plus: description of EOL, End of Life evaluation report templates for compliance sheets	environmental parameters/indicators/analysis, one indicator solution available	yes to help of process/technology/parameters/indicators	modelling of technical processes/parametric	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Europe	http://www.galb-soft.com/	Galb 4 DEX 10.000,- EURO (needs Galb 4 professional)	Galb 4 - Galb 4 DEX Sept. 2006
	SimPro 5.1	Software	Standard LCA tool (ability to create SimPro for independent users)	evaluate	L2 results, LCA profile (identification per substances and processes), tree visualization, process contribution analysis	LCA expert: SimPro for independent users, LCA assessment of scenarios in SimPro, LCA assessment of scenarios in SimPro, LCA assessment of scenarios in SimPro	one indicator solution available (analysis), one indicator solution available (analysis)	modelling of assembly, disassembly and assembly, the cycle and process/technology/parameters/indicators	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Consultants	http://www.psa.it/simpro	commercial: user: 2000 (single), 2200 (2 users), 1500 (each extra user); Service (noted that to be renewed each year - 1000 euro/annum user, 2000 euro/2 users, 3000 euro/3 users each); additional: selection 220 (single), 2400 (multi users), temporary licenses (0-12 months) are available for reduced price. L2 and L3 results are not included in standard version and can be purchased separately	September 11 2002
	TEAM 4.0	Software	Standard LCA tool	evaluate	inventory tables, LCA results with graphical support	LCA expert: SimPro for independent users, LCA assessment of scenarios in SimPro, LCA assessment of scenarios in SimPro	one indicator solution available (analysis), one indicator solution available (analysis)	modelling of assembly, disassembly and assembly, the cycle and process/technology/parameters/indicators	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Consultants	http://www.ecoindustrial.com/	price: 2000 Euro; free license for professional: 2000 Euro; additional license: 1000 Euro; Maintenance contract: 2000 Euro; additional data: 771	TEAM 4.0 2002
	SimPro 4.1	Software and DB management	LCA tool and database tool	evaluate & descriptive	LCA tool and database tool	LCA expert: SimPro for independent users, LCA assessment of scenarios in SimPro, LCA assessment of scenarios in SimPro	one indicator solution available (analysis), one indicator solution available (analysis)	modelling of assembly, disassembly and assembly, the cycle and process/technology/parameters/indicators	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Consultants	http://www.ecoindustrial.com/	2200 EURO (additional 2000)	2002
	LCALCA	Software	Complex based LCA tool using commercial databases	evaluate	numerical and graphical representation of impacts of different life cycle stages using LCI data. Shows overall impact and relative impacts of different life cycle stages. Can also show relative impacts of different materials and components. Customer products in a single graph. Charts, bar charts, life cycle diagrams and many more graphs	one indicator solution given: comparison of scenarios in process/technology/parameters/indicators	modelling of assembly, disassembly and assembly, the cycle and process/technology/parameters/indicators	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Consultants	http://www.psa.it/lcalca	price: 2000 Euro; free license for professional: 2000 Euro; additional license: 1000 Euro; Maintenance contract: 2000 Euro; additional data: 771	TEAM 4.0 2002	
	SimPro 4.1	Software	Standard LCA tool	evaluate	inventory tables, LCA results with graphical support	LCA expert: SimPro for independent users, LCA assessment of scenarios in SimPro, LCA assessment of scenarios in SimPro	one indicator solution available (analysis), one indicator solution available (analysis)	modelling of assembly, disassembly and assembly, the cycle and process/technology/parameters/indicators	LCA, various impact methods, single-point indicators	full integration of economic aspects related to functional unit Life Cycle Flanking Time, CO2T	regulation of aspects related to functional unit Life Cycle Flanking Time, CO2T	yes, linked tool documentation (open user based)	extensive documentation (documentation), wide range of data, relating to various materials and market sectors, including: electronics, buildings, renewable resources, metals, minerals, energy, food, agriculture, transport)	additional features: parameter exploration, environmental/technical/analytical, safety, design, specific tool, including: material flow, production, use and end-of-life, balance navigator external data recording tool	price / cost (e.g. user understanding, inductive learning, support by producer)	PE Consultants	http://www.ecoindustrial.com/	price: 2000 Euro; free license for professional: 2000 Euro; additional license: 1000 Euro; Maintenance contract: 2000 Euro; additional data: 771	TEAM 4.0 2002
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