

	Tool / methodology type	Branch focus	Life cycle focus	weighting of life cycle aspects	level of analysis	for free (webbased)	Comments
<b>Guidelines / Checklists / Handbooks</b>							
Electrical and Electronic – Practical EcoDesign Guide <a href="http://www.stg.urv.es/simpple/files/eng/ecodesign.htm">http://www.stg.urv.es/simpple/files/eng/ecodesign.htm</a>	teaching material / guideline	electrical / electronics	full life cycle	no	detailed	no	very comprehensive, starting from the basics
ECMA 341 - Environmental design considerations for ICT & CE products <a href="http://www.ecma-international.org/publications/files/ECMA-ST/Ecma-341.pdf">http://www.ecma-international.org/publications/files/ECMA-ST/Ecma-341.pdf</a>	guideline / checklist / standard	ICT and CE	full life cycle	no	moderate	yes	
Guideline "Design for Recycling" <a href="http://www.pe.mw.tum.de/projekte/recycling/ingleitfaden/">http://www.pe.mw.tum.de/projekte/recycling/ingleitfaden/</a>	guideline	electrical / electronics	recycling	-	moderate	yes	in German only
ECODESIGN PILOT <a href="http://www.ecodesign.at/pilot/ONLINE/ENGLISH/INDEX.HTM">http://www.ecodesign.at/pilot/ONLINE/ENGLISH/INDEX.HTM</a>	guidance for identifying design options	electrical / electronics	full life cycle	ranking	moderate	yes	recommended for a first product assessment and to set eco-design priorities
A Designer's Guide to Eco-Conscious Design of Electrical & Electronic Equipment <a href="http://www.ecodesignguide.dk/">http://www.ecodesignguide.dk/</a>	teaching material / guide / screening tool	electrical / electronics	full life cycle	no	moderate	yes	modular approach with 3 downloadable spreadsheets
Smart ecoDesign™ checklists <a href="http://www.cfsd.org.uk/seeba/">http://www.cfsd.org.uk/seeba/</a>	checklist	electrical / electronics	full life cycle	no	detailed	yes	
Eco-design Health Check <a href="http://www.inem.org/tools/ecodesign-health.html">http://www.inem.org/tools/ecodesign-health.html</a>	checklist	electrical / electronics	various life cycle aspects	no	very rough	yes	gives a first, very rough overview (management check)
Guide: Sustainable design of electrical and electronic products to control costs and comply with legislation <a href="http://www.envirowise.gov.uk/">http://www.envirowise.gov.uk/</a>	teaching material / guide	electrical / electronics	full life cycle	no	moderate	yes	
<b>Environmental management system assistance</b>							
EMAS Toolkit for small organisations <a href="http://www.inem.org/new_toolkit/">http://www.inem.org/new_toolkit/</a>	environmental management guide	no branch focus	EMS relevant aspects	no	moderate	yes	focus on implementing an environmental management system (eco-design to be seen as a sub-aspect)
Ecomapping <a href="http://www.inem.org/htdocs/inem_tools.html#Anchor-Environmental-49575">http://www.inem.org/htdocs/inem_tools.html#Anchor-Environmental-49575</a>	screening of environmental performance of an organisation	no branch focus	EMS relevant aspects	no	moderate	yes (registration required)	focus on implementing an environmental management system (eco-design to be seen as a sub-aspect)
<b>Screening / Management methodologies and tools</b>							
Fraunhofer IZM / EE Toolbox <a href="http://www.pb.izm.fhg.de/ee/070_services/75_toolbox/index.html">http://www.pb.izm.fhg.de/ee/070_services/75_toolbox/index.html</a>	screening tools	electrical / electronics	various life cycle aspects	no	moderate	yes (toxicity assessment)	
KEPI – Key Environmental Performance Indicators <a href="http://europa.eu.int/comm/environment/ipp/pdf/nokia_mobile_05_04.pdf">http://europa.eu.int/comm/environment/ipp/pdf/nokia_mobile_05_04.pdf</a>	design indicators	mobile phones	various life cycle aspects	development of indicator based on weighting	low	published	serves as a good example what are the decisive design parameters (not directly transferable to other product groups)
TESPI – Tool for Environmentally Sound Product Innovation <a href="http://www.ecosmes.net/tespi/login2">http://www.ecosmes.net/tespi/login2</a>	benchmarking tool	no branch focus	various life cycle aspects	no	moderate	yes (registration required)	sets environmental aspects in context to product features / customer satisfaction, recommended to set priorities for redesign options

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<b>Screening / Management methodologies and tools</b>							
Smart ecoDesign™ (Electronics) strategy wheel <a href="http://www.cfsd.org.uk/etmuel/tools.htm#stratwheels">http://www.cfsd.org.uk/etmuel/tools.htm#stratwheels</a>	screening tool	electronics	various life cycle aspects	no	low	yes	
QWERTY / EE concept <a href="http://leeeexplore.ieee.org/xpl/freeabs_al.jsp?tp=&amp;arnumber=1331571&amp;isnumber=29408">http://leeeexplore.ieee.org/xpl/freeabs_al.jsp?tp=&amp;arnumber=1331571&amp;isnumber=29408</a>	eco-efficiency assessment tool	electrical / electronics	recycling	partly based on eco-indicator 99	detailed	published	rather a "policy" tool than a design tool
Eco-Efficiency Analysis (BASF) <a href="http://corporate.basf.com/en/sustainability/oeoeffizienz/?id=V00-lpa6V7eHlbcpl0L">http://corporate.basf.com/en/sustainability/oeoeffizienz/?id=V00-lpa6V7eHlbcpl0L</a>	eco-efficiency assessment tool	chemical industry background, but also applicable for other branches	full life cycle	yes	detailed	no, but methodology principles published	
GreenPack Material Declaration Tool <a href="http://www.greenpack.org/results">http://www.greenpack.org/results</a>	material declaration tool	electrical / electronics	no	-	moderate	yes	efficient material data management might serve as a sound basis for eco-design
<b>Life cycle assessment methodologies and databases</b>							
Eco-Indicator 99 <a href="http://www.pre.nl/eco-indicator99/default.htm">http://www.pre.nl/eco-indicator99/default.htm</a>	impact assessment methodology	no branch focus	yes	yes	detailed	methodology report published	state-of-the-art in one-indicator LCAs
ProBas <a href="http://www.probas.umweltbundesamt.de/php/">http://www.probas.umweltbundesamt.de/php/</a>	life cycle data (database)	no branch focus	yes	no	-	yes	limited data for electrical / electronics sector
EcoInvent <a href="http://www.ecoinvent.ch/">http://www.ecoinvent.ch/</a>	life cycle data (database)	no branch focus	yes	no	-	no	limited data for electrical / electronics sector
APME/Boustead data <a href="http://www.plasticseurope.org/Content/Default.asp">http://www.plasticseurope.org/Content/Default.asp</a>	life cycle data	plastics industry	yes	no	-	yes	data on some basic / bulk materials
<b>Life cycle assessment tools – screening and full-scale</b>							
EIME - Environmental Information and Management Explorer <a href="http://www.codde.fr/eng/eime/principes.htm">http://www.codde.fr/eng/eime/principes.htm</a> <a href="http://www.codde.fr/plaquette/eime%20brochure%20technique.pdf">http://www.codde.fr/plaquette/eime%20brochure%20technique.pdf</a>	LCA tool	electrical / electronics	full life cycle	no	detailed	no	
eVerdEE <a href="http://www.ecosmes.net/cm/navContent.s?l=EN&amp;navID=info&amp;subNavID=1&amp;pagID=6">http://www.ecosmes.net/cm/navContent.s?l=EN&amp;navID=info&amp;subNavID=1&amp;pagID=6</a>	LCA tool	no branch focus	yes	yes	detailed	yes (registration required)	specifically for SMEs
EUP EcoReport <a href="http://europa.eu.int/comm/enterprise/eco_design/relactiv.htm">http://europa.eu.int/comm/enterprise/eco_design/relactiv.htm</a>	assessment tool	electrical / electronics	full life cycle	no	moderate	yes	developed for basic product group studies, not as an operative eco-design tool
GaBi <a href="http://www.gabi-software.com/">http://www.gabi-software.com/</a>	LCA tool	no branch focus	full life cycle	optional	detailed	no	
SimaPro <a href="http://www.pre.nl/simapro/">http://www.pre.nl/simapro/</a>	LCA tool	no branch focus	full life cycle	optional	detailed	no	
Umberto <a href="http://www.umberto.de/en/">http://www.umberto.de/en/</a>	LCA tool	no branch focus	full life cycle	optional	detailed	no	
IDEMAT <a href="http://www2.io.tudelft.nl/research/dfs/idemat/index.htm">http://www2.io.tudelft.nl/research/dfs/idemat/index.htm</a>	life cycle and materials data (database)	no branch focus	full life cycle	optional	detailed	no	

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<b>Life cycle assessment tools – screening and full-scale</b>							
LCA-E <a href="http://extra.ivf.se/lcae/">http://extra.ivf.se/lcae/</a>	screening LCA tool	printed circuit boards / electronic assemblies	full life cycle	optional	moderate	yes	in Swedish only
LCALight <a href="http://project.imi.chalmers.se/LCALight/Codenew/GUI-LCALight-Frame.asp?selected_project_id=Anonymous10310514157661">http://project.imi.chalmers.se/LCALight/Codenew/GUI-LCALight-Frame.asp?selected_project_id=Anonymous10310514157661</a> <a href="http://www.dantes.info/Tools&amp;Methods/Software/webbasedtools_LCALight.html">http://www.dantes.info/Tools&amp;Methods/Software/webbasedtools_LCALight.html</a>	screening LCA tool	electrical / electronics	full life cycle	no	moderate	yes	useful to train LCA principles
World Wide LCA Workshop <a href="http://workshop.imi.chalmers.se/workshop/">http://workshop.imi.chalmers.se/workshop/</a>	project management & LCA tool	no branch focus	yes	yes	moderate	yes	