

Criteria for sectors relevant to EVC's

Extracted from <https://www.mvicriteria.nl/en>

Traffic control installations

Code	Criterion	Subject	Ambition level
041.01	Dimming device in control unit	Dimming device in control unit	1
041.05	Action plan sustainable design VRI	Sustainable design of a VRI	2
041.02	Energy-efficient light sources	Energy-efficient light sources	1
041.03	Energy-efficient light sources and control devices	Energy-efficient light sources	2
041.12	Life cycle costs	Life cycle costs	1
041.13	Lower life cycle costs are valued higher	Life cycle costs	2
041.14	Minimum lifespan and warranty	Lifespan	1
041.06	The use of a higher percentage of circular material is appreciated more	Circular economy	3
041.07	The use of a higher percentage of circular material is appreciated more	Biobased and recycled raw materials	3

ICT hardware and mobile devices

Code	Criterion	Subject	Ambition level
002.01	More experience with recycled equipment is valued higher	Processing after end of life	2
002.02	Products meet the 'Energy Star' criteria	Energy efficiency	1
002.03	More energy-efficient products are valued higher	Energy efficiency	2
002.08	Transparent origin of parts in delivered products	Chain management	2
002.34	Optimal power management settings	Energy efficiency	2
002.36	Product warranty for laptops, tablets and mobile phones – 5 and 3 years	Product warranty	2
002.41	Life cycle assessment (LCA) is mandatory	Life Cycle Analysis	2
002.43	Better recycling of (critical) raw materials is valued more highly	Processing after end of life	3
002.47	A minimum of 5% social return is required	Social Return	1
002.12	Spare parts are available for a minimum of 3 years and for screens a minimum of 7 years	Hardware management	1
002.14	No hazardous substances in plastic parts – ICT Hardware	Material use	1
002.15	At least 10% post-consumer recycled material in plastic housing	Material use	1
002.18	Requirements for proper disassembly and recycling - ICT Hardware	Processing after end of life	2

002.29	Energy performance requirements for power supplies for desktop computers and workstations	Energy efficiency	1
002.30	Power supplies for desktop computers and workstations that meet higher energy performance requirements are rated higher	Energy efficiency	2
002.31	Waste compensation for laptops, tablets and smartphones is mandatory	Waste Compensation	2
002.32	Battery life for laptop, tablets and mobile phones	Lifespan	1
002.33	Longer battery life for laptops, tablets and mobile phones is highly valued	Lifespan	2
002.38	4 years of operating system security updates for mobile phones and tablets	Hardware management	2
002.39	Mandatory replaceable parts for computers, laptops, tablets, screens and mobile phones	Hardware management	1
002.40	Responsible extraction of (conflict) minerals is valued higher	Chain management	3
002.42	Collect, erase data, reuse and recycle delivered products	Processing after end of life	2
002.44	Clear instructions about repair options	Hardware management	1
002.46	Environmental management system is mandatory - Automation	Environmental management system	1
002.52	Use of a higher percentage of circular material is appreciated more - Automation	Circular economy	3
002.26	Improving working conditions, human rights and living wage (ISV)	International Social Conditions (ISV)	1

Reproduction equipment

Code	Criterion	Subject	Ambition level
004.07	Product design aimed at recycling toner/ink cartridges	Prevent unnecessary energy and material consumption	1
004.08	Free equipment take-back is mandatory	Prevent unnecessary energy and material consumption	2
004.12	Repair/replacement product minimum five year warranty	Lifetime and warranty	1
004.30	Products meet the 'Energy Star' criteria	Energy performance	1
004.31	More energy-efficient products are valued higher	Energy performance	2
004.32	More experience with recycled equipment is valued higher	Processing after end of life	2
004.05	User instructions for maximizing environmental performance during management	Prevent unnecessary energy and material consumption	1
004.17	Possibility of reusability and recycling packaging is appreciated more	Packaging	2
004.23	Collection and recycling of packaging is rated higher	Packaging	3
004.28	Collect, erase data, reuse and recycle delivered products	Processing after end of life	2
004.33	Clear instructions about repair options	Life extension	1

004.34	At least 10% post-consumer recycled material in plastic housing	Material use	1
004.35	Environmental management system is mandatory - Automation	Environmental management system	1
004.42	Maximum 0.1% hazardous substances in plastic parts	Material use	2
004.19A	A better circular economy plan is valued higher - if there is insufficient supply - Automation	Circular economy	3

Automatics

Code	Criterion	Subject	Ambition level
012.01	Limit values for energy use of vending machines	Energy-efficient vending machines	1
012.08	More collection and recycling of delivered products is valued higher	Collection, recycling and circular use	2
012.09	Intake and circular use of coffee residues are rated higher	Collection, recycling and circular use	2
012.10	Improvement plan more efficient use of vending machines mandatory	Improvement plan for use of vending machines	1
012.07	Vending machines suitable for recycling are rated higher	Design aimed at future reuse	3
012.18	Delivery composition label is mandatory - Vending machines	Compound	2

Public lighting

Code	Criterion	Subject	Ambition level
033.05	Energy-efficient OVL installation	Energy-efficient OVL installation	2
033.01	Apply LED lighting	LED-lighting	1
033.02	LED system lifespan	LED lighting lifespan	1
033.03	Dimmable OVL installation	Dimmable lighting	1
033.04	Light nuisance is limited	Restriction of light nuisance	1
033.11A	A minimum of 5% social return is required	Social Return	1
033.06	OVL installation consists of recyclable or renewable materials	Materials of the OVL installation	2
033.09	The use of a higher percentage of circular material is appreciated more	Circular economy	3
033.10	The use of a higher percentage of circular material is appreciated more	Biobased and recycled raw materials	3
033.08A	A better plan for the circular economy is valued higher - if there is insufficient supply	Plan circular economy	3