



FUJITSU-SIEMENS Ranking = 3/10

Fujitsu-Siemens Computers earn points for having some models free of the worst chemicals. But the company loses points for failing to disclose the chemicals it uses in its products and not committing to the complete elimination of polyvinyl chloride (PVC) and brominated flame retardants (BFRs). Fujitsu-Siemens is generally poor on product take back, but does provide information on recycling.

Ranking criteria explained

The ranking criteria reflect the demands of the Toxic Tech campaign to the electronics companies. Our two demands are that companies should:

- clean up their products by eliminating hazardous substances;
- takeback and recycle their products responsibly once they become obsolete.

The two issues are connected. The use of harmful chemicals in electronics prevents their safe recycling when the products are discarded. Companies scored marks out of 30 this has then been calculated to a mark out of 10 for simplicity.

FUJITSU-SIEMENS Overall Score

	BAD (0)	PARTIALLY BAD (1+)	PARTIALLY GOOD (2+)	GOOD (3+)
Precautionary Principle				
Chemicals Management				
Timeline for PVC phaseout				
Timeline for BFR phaseout				
PVC-free and/or BFR-free models (companies score double on this criterion)				
Individual producer responsibility				
Voluntary takeback				
Information to individual customers				
Amounts recycled				

FUJITSU-SIEMENS Detailed Scoring

Chemical Score	BAD	PARTIALLY BAD	PARTIALLY GOOD	GOOD
Precautionary Principle		Despite a webpage dedicated to the precautionary principle, there is no definition of what implementing the precautionary principle means in practice for FSC. More information		
Chemicals Management	Although reference is made to FSC 03230 Guidelines on Product Design & Development, the spec is not available on the website. More information			
Timeline for PVC phaseout	No commitment to complete elimination of PVC, although there is a current project to determine to what extent PVC-free external cables can be introduced in 2007. More information			
Timeline for BFR phaseout	FSC has eliminated BFRs in housings and other mechanical parts, as well as reduced halogens in circuit boards, there is no commitment to the complete phase out of BFRs. More information			
PVC-free and/or BFR-free models (companies score double on this criterion)			FSC has a range of "Green PCs" that use halogen-free flame retarded plastics and halogen-free circuit boards. More information Press release (26May 06) Press release (12Jul 05)	

EPR/recycling score	BAD	PARTIALLY BAD	PARTIALLY GOOD	GOOD
Support for Individual Producer Responsibility	FSC has no statement in support of individual producer responsibility			
Provides voluntary takeback where no EPR laws exist		FSC only provides takeback where there are EPR laws. No voluntary takeback in the Middle East or in Africa where FSC has sales of its products. More information Info in German Environmental care		
Provides info for individual customers on takeback in all countries where products are sold		Information for individual customers only in countries with EPR laws, namely EU, Switzerland and Norway. More information		
Reports on amount of waste electrical and electronic equipment (WEEE) collected and recycled			Information about recycling in FSC's recycling centre where the company claims a recycling rate of 98%, as opposed to WEEE Directive's target of 75%. But, data provided only for the one recycling centre. More information More info in German	

Toxic chemicals criteria

Greenpeace wants to see electronics companies clean up their act.

Substituting harmful chemicals in the production of electronics will prevent worker exposure to these substances and contamination of communities that neighbour production facilities. Eliminating harmful substances will also prevent leaching/off-gassing of chemicals like brominated flame retardants (BFR) during use, and enable electronic scrap to be safely recycled. The presence of toxic substances in electronics perpetuates the toxic cycle – during reprocessing of electronic waste and by using contaminated secondary materials to make new products.

Until the use of toxic substances is eliminated, it is impossible to secure 'safe' recycling. For this reason, the points awarded to corporate practice on chemicals (five criteria, double points for PVC – and BFR-free models) are weighted more heavily than criteria on recycling, because until the use of harmful substances is eliminated in products, it is impossible to secure 'safe', toxic-free recycling.

The electronics scorecard ranks companies on:

Chemicals policy and practice (5 criteria)

1. A chemicals policy based on the Precautionary Principle
2. Chemicals Management: supply chain management of chemicals via e.g. banned/restricted substance lists, policy to identify problematic substances for future elimination/substitution
3. Timeline for phasing out all use of vinyl plastic (PVC)
4. Timeline for phasing out all use of brominated flame retardants (not just those banned by EU's RoHS Directive)
5. PVC- and BFR-free models of electronic products on the market.

Policy and practice on Producer Responsibility for taking back their discarded products and recycling (4 criteria)

1. Support for individual (financial) producer responsibility – that producers finance the end-of-life management of their products, by taking back and reusing/recycling their own-brand discarded products.
2. Provides voluntary takeback and recycling in every country where it sells its products, even in the absence of national laws requiring Producer Responsibility for electronic waste.
3. Provides clear information for individual customers on takeback and recycling services in all countries where there are sales of its products.
4. Reports on amount of waste electrical and electronic equipment (WEEE) collected and recycled.

Click here to see more detailed information on the ranking

Ranking regrading: Companies have the opportunity to move towards a greener ranking as the guide will be updated every quarter. However penalty points will be deducted from overall scores if Greenpeace finds a company lying, practising double standards or other corporate misconduct.

Disclaimer: Greenpeace's 'Guide to Greener Electronics' aims to clean up the electronics sector and get manufacturers to take responsibility for the full life cycle of their products, including the electronic waste that their products generate. The guide does not rank companies on labour standards, energy use or any other issues, but recognises that these are important in the production and use of electronics products.

For the latest version [greenpeace.org/greenelectronics](https://www.greenpeace.org/greenelectronics)