



HCL Infossystems (HCL) is included in the global release of the 18th edition of the Greenpeace Guide to Greener Electronics for the first time, having only been included in Indian editions previously. With a score of 3.1, HCL shares 13th position with Sharp.

On the **Energy** criteria, HCL scores well on the disclosure of greenhouse gas (GHG) emissions from its entire operation. HCL discloses its direct (scope 1 and 2) GHG emissions, although the company fails to provide information about its employees' travel (under scope 3 emissions). It also fails to set an ambitious target for renewable energy use. HCL performs reasonably well by committing to reduce its absolute GHG emissions by 20% by the year 2014. Its clean energy policy to mitigate its emissions lacks clarity. HCL's advocacy scores were reduced in this edition due to lack of public support for renewable energy policy in India. It scores 1 point for initiating the process with suppliers for measurement of GHG emissions in its supply chain.

On the **Products** criteria, HCL scores half marks for its energy efficient products. HCL hasn't updated information regarding ES 5.0 standards, citing numbers from 2010. The company continues to state that 29% of its products are free of polyvinyl chloride plastic (PVC) and brominated flame retardants (BFRs). HCL has pushed back its deadline to eliminate these chemicals from 2011 to December 2012 without mentioning a deadline to eliminate antimony and beryllium. HCL scores poorly on newly introduced criteria on the product life cycle because it provides little information on product warranty and innovation tools that would extend the life of its products. It fails to score on the use of recycled plastic in its products.

On the **Sustainable Operations** criteria, HCL – similarly to Wipro – scores well for providing convenient information to its customers in India to enable them to access its take-back service, which is available through 24 collection centres and via web registration. HCL also scores a point for its letter written to its supplier on avoidance of conflict metals in the products. HCL performs well on its chemical management policy and for its use of the precautionary principle, but missed out on a top score due to lack of clarity on chemical use. HCL did not disclose information about its sustainable paper sourcing policy; it needs to specifically set goals for recycled and Forest Stewardship Council certified supply, as well as to detail a policy that refuses to buy from companies engaging in deforestation and illegal logging.

		ZERO	LOW	MEDIUM	HIGH
ENERGY	Disclose and set targets for operational GHG emissions and RE supply				
	Disclose and set targets for supply chain GHG emissions and RE supply				
	Clean Electricity Plan (CEP)				
	Clean Energy Policy Advocacy				
PRODUCTS	Product energy efficiency				
	Avoidance of hazardous substances in products				
	Use of recycled plastic in products				
	Product life cycle				
OPERATIONS	Chemicals management and advocacy				
	Policy and practice on sustainable sourcing of fibres for paper				
	Policy and practice on avoidance of conflict minerals				
	Provides effective voluntary take-back where there are no EPR laws				

Energy		7/32
<p>Disclose and set targets for operational GHG emissions and RE supply</p>	<p>HCL reports its GHG emissions under Scope 1 (direct generation of electricity) and scope 2 (purchase of electricity from Grid) of the GHG protocol for year 2010-2011 using year 2007-08 as its base year.</p> <p>HCL sets a target of 20% reduction in its GHG emission by year 2014 from base year of 2007-08.</p> <p>The company provides a roadmap for achieving this target which primarily focuses on energy efficiency measures along with small initiatives on Renewable energy use.</p> <p>HCL claims that it reduces its carbon emission by 13.34% from its base year of year 2008-09 on absolute basis. More information.</p> <p>HCL provided external verification certificate from Ernst & Young (E&Y) for its emission disclosure. However, the certification is for the period of April-2009 to March-2010 and did not include updated disclosure period.</p> <p>To score more points, HCL needs to include scope 3 (business travel by its employees) in its GHG emissions disclosure and provide latest certificate from third party on its emission disclosure.</p>	3/8
<p>Disclose and set targets for supply chain GHG emissions and RE supply</p>	<p>HCL shares publicly its letter to 80% of its major suppliers and 2% of minor suppliers requesting information about their GHG emissions. Suppliers are also asked to disclose emissions from their own supply chain. However, there is no information disclosed on GHG emissions from its supply chain.</p> <p>Letter to Supplier and more information.</p> <p>To score more points, HCL needs to compile carbon emissions from its top suppliers and disclose it publicly.</p>	2/8
<p>Clean Electricity Plan (CEP)</p>	<p>There are limited details about HCL's Clean Electricity Plan in response to its emission reduction target of 20 % by 2014. The company outlines a few energy efficiency measures in the form of a roadmap to achieve the target.</p> <p>However, its current use of renewable energy is 0.23% of its total electricity use and its target of tripling solar energy use of 0.13 % by year 2012-13 is also very small.</p> <p>More information on emission reduction performance.</p> <p>Renewable energy target.</p>	1/8
<p>Clean Energy Policy Advocacy</p>	<p>HCL advocates for energy efficiency regulations and states that it works with government and industry stakeholders on this issue.</p> <p>However, its commitment for energy efficiency regulation lacks any detail plan for advocacy in this regard. Further, HCL did not make its position clear with regard to Renewable energy policy or regulation in India which is its base country of operation. More information.</p> <p>To score more points, HCL needs to take a public position on a national target for renewable energy in India and direct its advocacy efforts in this direction.</p>	1/8

Greener Products		6/16
Product energy efficiency	<p>55% of HCL's computer models are Energy Star 5.0 compliant. Following the launch of India's own product energy efficiency standard BEE-STAR, HCL's ME Series 54 product became its first BEE-STAR compliant product.</p> <p>100% of HCL's laptop range complies with BEE-Star and HCL are in the process of rolling out BEE-star compliant HCL desktops. More information.</p> <p>List of Energy Star 5.0 products.</p> <p>However, there is no information / tools available for consumers on its website regarding energy management of products during use-phase.</p>	3/5
Avoidance of hazardous substances in products	<p>HCL has 29% of its product-line free from PVC and BFR. HCL has changed its PVC/BFR phase timeline from December 2011 to December 2012. This new timeline does not mention Beryllium, antimony.</p> <p>98% of HCL notebooks from series 40, 44 and, 54 ranges (accept the power-cord) models are PVC/BFR free. The Infiniti M A330 Pro is HCL's first PVC-BFR free Desktop computer.</p> <p>21% of its products are already free from antimony and beryllium. As well as being PVC/BFR free, the HCL ME series 54 laptop is also free of antimony and beryllium.</p> <p>HCL did not show any further progress on its commitment of PVC and BFR phase-out from its all products. More information.</p> <p>HCL needs to follow through with its commitments and phase out PVC, BFR, antimony, beryllium and phthalates from all products.</p>	2/5
Use of recycled plastic in products	<p>It is encouraging that HCL has set a target for the use of recycled plastic in its products of up to 15%. However, this target in absence of any clear timeline does not score.</p> <p>In addition, HCL needs to specify the proportion of post-consumer plastics included in this target. More information.</p> <p>HCL also wrote to its suppliers seeking information on their use of post-industrial and post-consumer recycled plastic in the products.</p>	0/3
Product life cycle	<p>HCL offers 2 to 5 years as product warranty for its best selling products whereas standard warranty period is 1 year. Information about its warranties is published on its website. It also provides some information on product upgradability particularly on chips, RAM and internal memory. However, there is little information.</p> <p>More information on Product life cycle.</p>	1/3

Sustainable Operations		7/17
Chemicals management and advocacy	<p>HCL has a strong precautionary principle with a commitment to identify and eliminate all harmful and dangerous chemicals if reasonable scientific evidence suggests that they are harmful to human health and environment, even if full scientific evidence is not available. More on precautionary principle.</p> <p>HCL identifies 37 substances under two Classes for complete elimination or restricted use. Class A has 7 Substances which are already banned while 30 substances in Class B are regulated or have been targeted for phase out, some of which are being evaluated for phase out within a stated timeline.</p> <p>HCL shows good communication with its supply chain to implement its chemicals restrictions requirements. HCL also needs to specify “no intentional use” of its restricted substances to ensure that they are also eliminated during manufacturing and not only in the final product. More on Chemical management policy.</p>	3/5
Policy and practice on sustainable sourcing of fibres for paper	<p>HCL provides some information about its policy for use of recycle paper and its current consumption. HCL currently sources 54 % of its total paper consumption as “eco-friendly” paper. Further, it states that it partners with paper recyclers for recycling of its used paper.</p> <p>However, HCL does not provide any detail policy on its paper use. It also does not detail about whether its sourcing of eco-friendly papers are FSC certified paper. Also its statement on paper policy does not mention about any target for FSC paper usage. More information.</p> <p>To score points here, HCL needs to develop a paper procurement policy which excludes suppliers that are involved in deforestation and illegal logging and sets specific targets to reduce paper use and increase use of recycled and FSC fibres.</p>	0/3
Policy and practice on avoidance of conflict materials	<p>HCL is committed to make its supply chains conflict-free and more transparent in the process. It has initiated the process to engage with its suppliers on the procurement of their minerals. More information on conflict mineral policy.</p> <p>To score more points, HCL needs to develop detail policy on its mineral procurement and its management that does not promote conflict in any region.</p>	1/5
Provides effective voluntary take-back where there are no EPR laws	<p>HCL offers a free take-back and recycling service to all of its customers and along with web registration, it has set up 28 collection centres across the country.</p> <p>Help desk for e-waste collection.</p> <p>A FAQ on detailed information about the ECOSafe programme and contact details for its collection centres, which are also provided with all product packaging.</p> <p>HCL reports amount of e-waste collected and recycled since 2005-06 to 2011-12. Current rate of recycling reported by the company is 6.23 % of past sale with absolute collection of 74.49 tonnes for year 2011-12. Its collection has increase almost 100% from previous year.</p> <p>Further, the company has set target of 100% e-waste collection based on 7 years past sales figures. E-waste collection and recycling figure.</p>	3/4