**GREEN COMPUTING**

  

**B. Reading:** https://searchdatacenter.techtarget.com/definition/green-computing

Green computing, also called green technology, is the environmentally responsible use of computers and related resources. Such practices include the implementation of energy-efficient central processing units ([CPU](https://whatis.techtarget.com/definition/processor)s), [server](https://whatis.techtarget.com/definition/server)s and [peripheral](https://searchmobilecomputing.techtarget.com/definition/peripheral)s as well as reduced resource consumption and proper disposal of electronic waste ([e-waste](https://searchdatacenter.techtarget.com/definition/e-waste)).

One of the earliest initiatives toward green computing in the United States was the voluntary labeling program known as Energy Star. It was conceived by the Environmental Protection Agency (EPA) in 1992 to promote energy efficiency in [hardware](https://searchnetworking.techtarget.com/definition/hardware) of all kinds. The Energy Star label became a common sight, especially in [notebook computer](https://searchmobilecomputing.techtarget.com/definition/notebook-computer)s and [display](https://whatis.techtarget.com/definition/display)s. Similar programs have been adopted in Europe and Asia.

Government regulation, however well-intentioned, is only part of an overall green computing philosophy. The work habits of computer users and businesses can be modified to minimize adverse impact on the global environment. Here are some steps that can be taken:

* Power-down the CPU and all peripherals during extended periods of inactivity.
* Try to do computer-related tasks during contiguous, intensive blocks of time, leaving hardware off at other times.
* Power-up and power-down energy-intensive peripherals such as [laser printer](https://whatis.techtarget.com/definition/laser-printer)s according to need.
* Use liquid-crystal-display ([LCD](https://whatis.techtarget.com/definition/LCD-liquid-crystal-display)) monitors rather than cathode-ray-tube ([CRT](https://whatis.techtarget.com/definition/cathode-ray-tube-CRT)) monitors.
* Use notebook computers rather than [desktop computer](https://searchenterprisedesktop.techtarget.com/definition/desktop-computer)s whenever possible.
* Use the power-management features to turn off [hard drive](https://searchstorage.techtarget.com/definition/hard-disk-drive)s and displays after several minutes of inactivity.
* Minimize the use of paper and properly recycle waste paper.
* Dispose of e-waste according to federal, state and local regulations.
* Employ alternative energy sources for computing [workstation](https://searchmobilecomputing.techtarget.com/definition/workstation)s, servers, [network](https://searchnetworking.techtarget.com/definition/network)s and [data center](https://searchdatacenter.techtarget.com/definition/data-center)s.

**1. Find a synonym for the underlined words.**

**named, adequate, litter, called, power, types, screens, general, changed, reduce, stages, like, instead of,**

**2. Complete the text about green computing concepts with the adequate form of the word in brackets.**

To promote green computing concepts at all possible levels, the following four approaches are employed:

* **Green use:** Minimizing the electricity consumption of computers and their peripheral devices and using them in an eco-friendly manner
* **Green disposal:** Repurposing existing equipment or appropriately disposing of, or recycling, unwanted electronic equipment
* **Green design:** Designing energy-efficient computers, servers, printers, projectors and other digital devices
* **Green manufacturing:** Minimizing waste during the manufacturing of computers and other subsystems to reduce the environmental impact of these activities

Government regulatory authorities also actively work to promote green computing concepts by introducing several voluntary programs and regulations for their enforcement.

**3. Translate into English.**

Las tecnologías verdes utilizan de forma más eficiente recursos informáticos y de tecnología de la información al tiempo que mantienen o mejoran el rendimiento general.

**Green computing uses computing and information technology resources more efficiently while maintaining or improving overall performance.**