

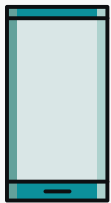
Nanotechnology, up close

Advantages



Promoting renewable energies

It enables new ways to obtain and store energy. It also makes **solar panels cheaper** and more efficient.



It extends the limits of electronics

Unlike silicon microchips, nanochips will make it possible to build **very precise circuits** at an atomic level.



It allows a more effective medicine

Arteries can be unblocked, cells can be selectively attacked, **damaged genes can be repaired** and faster and more precise surgeries can be performed.

Disadvantages

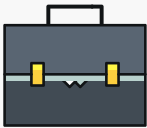
It threatens the environment

This type of technology could **cause negative effects on the environment** by generating new toxins and pollutants.



It has an impact on the job market

The obsolete materials and changes in production processes could **destroy jobs**, but this technology could create others.



It compromises the safety

The properties of this technology could **facilitate espionage**, the production of nanoweapons and smart bullets.



Source: NNI and 'Houston Chronicle'.