

## Technologies for green innovation

### ICTs and green innovation

ICT and Internet applications also have the potential to improve the environment and tackle climate change. Top application areas include manufacturing, energy, transport and buildings. Information and communication also foster sustainable consumption and greener lifestyles. At the same time, direct and systemic impacts related to the production, use and end of life of ICTs require careful study in order to comprehensively assess “net” environmental impacts. [Read more...](#) [1]

### Bio-, nano- and converging technology for green innovation

Some other important technologies may also allow progress on environmental performance. Like ICTs, biotechnology and nanotechnology may also develop into “general purpose technologies” since they can be applied in a broad range of sectors. Individually, advances in these technologies are already a source of both radical and incremental innovations that provide technological solutions to GHG emissions and other global challenges. [Read more...](#) [2]

### References

- OECD (2011), Fostering Innovation for Green Growth, OECD Green Growth Studies, OECD Publishing. <http://dx.doi.org/10.1787/9789264119925-en> [3].
- OECD (2012), “Transitioning to green innovation and technology”, in OECD Science, Technology and Industry Outlook 2012, OECD Publishing. [http://dx.doi.org/10.1787/sti\\_outlook-2012-5-en](http://dx.doi.org/10.1787/sti_outlook-2012-5-en) [4].

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