Sustainability in the home

What is ECO DECT?
ECO DECT is a new technology that reduces the power consumption and transmission power of DECT phones.

How much energy does ECO DECT save?
ECO DECT-based Gigaset phones can cut power consumption by 60% compared to conventional handsets. Assuming that a phone is used for an average of 2 hours a day, the switched-mode power supply can cut power consumption by roughly 2 watts (from 3.5 to 1.3 watts).
Extrapolating that figure for the 39 million households in Germany, for example, annual savings would amount to 80 megawatts. Moreover, fewer raw materials like copper and iron are needed to manufacture a switched-mode power supply than a power supply for a linear handset.

How does ECO DECT help the environment?
ECO DECT-based Gigaset phones are now supplied exclusively with switched-mode power supplies. They cut power consumption by up to 60% compared with conventional linear power supplies.

Will Gigaset phones with ECO DECT cost more for consumers?
No, consumers will not have to pay more for ECO DECT-based Gigaset phones. We have ECO DECT-based Gigaset phones in all price
categories.

Is there a radiation risk with ECO DECT-based Gigaset phones?
The international limits for radio wave transmission ensure that there are no risks. Our products fall well below these recommended limits.
Further information about the discussion on radio waves and health is provided by the World Health Organization on their website
(www.who.int/peh-emf/en).
Even though there is still no scientific evidence that radio waves emitted by DECT phones are harmful, SHC's approach is to equip all its
Gigaset phones with functions that enable the automatic or manual reduction of transmitting power.

Will ECO DECT technology impact performance of the phone?
No, you can expect the same superior performance in ECO DECT-based products as in all Gigaset phones. If you choose to use ECO Mode, you manually reduce the signal distance by 50%, or to 25 meters inside the home and 150 meters outside..

Are the inside components of ECO DECT phones environmentally friendly, too?
Yes. We've ensured that all steps in the production and disposal of ECO DECT products are as environmentally responsible and resource-conserving as possible. This starts with a solid, material-saving design and the use of environmentally friendly materials. We use state-of-the-art energy-saving machines and packaging and residual materials are systematically separated and recycled. The design, size and recycable materials of the packaging play another key role.
As far as logistics is concerned, the focus is on the use of an environmentally friendly means of transport, such as rail or ship, and on the efficient utilization of the vehicles' cargo space. At the end of the chain, there is also service – here we avoid replacing parts and devices unnecessarily thanks to an individualized repair process. Finally, all remaining electronic waste is disposed of properly.

What about lead - are your products lead-free?
Yes. All of our Gigaset products have been lead free for more than two years now.

Which handsets support ECO Mode Plus when used with the telephone Gigaset SL780/785?
When used with the Gigaset SL780/785, all handsets equipped with ECO Mode Plus technology can be used in ECO Mode Plus.

What is meant by radiation-free in stand-by?
When using ECO Mode Plus, the base station only transmits a signal when necessary, for example, when a call comes in, when the phone is in use, or when a connection occurs.
When not in use, the transmitting power is turned off (this applies to all registered handsets that support ECO Mode Plus). This is true when you are not phoning or changing settings on the base station.

Does radiation-free mean that neither the base station nor the handset transmit a signal?
In ECO Mode Plus the transmitting power of the base station is turned off when the phone is in standby. This is also true when the handset is not in the charger, and when multiple handsets are registered, as long as these also support ECO Mode Plus.
However, in regular intervals the handset „listens" to see if the base station is „calling" and vice versa. This is referred to as scanning.

Is the turning off of transmitting power only possible when the handset is in the charger, or can it also happen when it is somewhere else in my home?
Regardless of the handset's location – in the charger or somewhere else in the home – the transmitting power between the base station and handset is turned off in ECO Mode Plus (this applies to all registered handsets that support ECO Mode Plus). The transmission first happens when a call takes place since this requires a connection between the base station and the handset.
The base station and handset scan to check for a signal, which means they "listen" for the "call" of the other device. Only then do they establish a connection and transmit a signal.

When is my phone in stand-by and how can stand-by be turned on?
When a device is in stand-by it is in kind of waiting mode. Effectively, it is always „ready", so you can take and make calls at any point in time. Whenever your telephone is plugged into the outlet but you are not phoning with it or changing any settings, it is in stand-by mode.

What is the phone's range when ECO Mode Plus is activated?
When ECO Mode Plus is turned on the range is approx. 50m indoors and 300m outdoors.

What is the phone's range when ECO Mode and ECO Mode Plus are on at the same time?
If ECO Mode and ECO Mode plus are activated simultaneously, the range is reduced: this handset can be used within approx. 25m of the base station indoors and 150m of the base station outdoors