

Trust

Benchmark employer / Customer experience / Personal data / Support for families / **Radio waves** / Responsible purchasing

Answering questions about radio waves

Challenges / vision / beliefs

Exposure to radio waves, particularly antennas, raises concerns regarding possible health effects. To date, no health effect has been discovered. However, whilst waiting for confirmation from ongoing additional studies, particularly regarding children and long-term usage, some health authorities have issued warnings about usage in order to reduce exposure to radio waves from mobile telephones.

Orange is keen to pursue its role in informing and supporting the parties involved in a proactive manner. The Group also provides internal training on specific safety rules for staff working near or on radio antennae.

Roadmap

For 20 years, Orange has proactively participated in the debate about radio waves by passing on information and recommendations for usage to its stakeholders. These measures are structured into 5 areas:

- ensuring total transparency in our communications with the various stakeholders regarding radio waves and communication technologies using appropriate information materials and discussion channels
- contributing to the research effort via the Orange research laboratory (Orange Labs) into exposure levels as part of domestic or international programmes concerning wireless communications
- ensuring compliance with local regulations (wherever such regulations exist) or applying international recommendations as appropriate.
- promoting proper mobile use as defined by the authorities
- increasing awareness of safety rules for staff working near or on radio antennae.

News / achievements in 2016

- Continued deployment of training programmes for employees
 - Côte d'Ivoire: training for 90 technicians on safety rules for staff working non or near radio antennae.
 - In France: information passed on to OH&S experts and occupational physicians.
 - Delivery of a tool developed by the Orange Labs to help calculate security perimeters around antennae.
 - Updating the staff guide and simplified booklet for technicians on best health and safety practices on Orange premises.



Thematic data sheets

Corporate Social Responsibility

- Continued promotion of best practices
 - Internally:
 - The radio waves policy for children has been updated
 - A policy on virtual reality headset use by children has been issued
 - Externally:
 - Leaflets showing health and safety icons are now included in mobile packaging in five languages in all Orange countries.
 - Translation of the radio waves website into Arabic (7th working language with the regulatory or standards authorities, as well as the other telecommunications operators)
- Continued work with the regulatory and standards authorities, as well as other telecommunications operators, in various countries, to standardise the rules and practices.

Did you know?

The ICNIRP is a worldwide, independent scientific commission, established to provide scientific opinions and recommendations regarding exposure to radio waves. In countries where radio waves are not covered by legislation, Orange voluntarily applies the ICNIRP's recommendations.

Going further

- [Orange Group website answering all your questions about radio waves](#)