

# LOCAL ELECTROMAGNETIC FIELDS POLICY

Valid from: 29.10.2014

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*Policy Owner: Chief Corporate Affairs Officer*

*Policy Approver: Local CEO*

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## 1) Purpose and scope

The purpose of this policy is to demonstrate Telenor Bulgaria's commitment to address the interest in the mobile communication technology (resp. electromagnetic fields) and any concern regarding its impact on the health and environment in a constructive manner, adhering to the principles of transparency, information, participation and promotion of science.

## 2) Area of application

This policy applies to the entire Company.

## 3) Description

### 3.1) Policy Statement

Regarding electromagnetic fields, Telenor Bulgaria is voluntarily and firmly committed to protecting the public through activities which endorse transparency, information, consultation, participation and promotion of science.

Telenor Bulgaria recognizes the genuine public interest in the mobile communication technology both regarding handsets and base stations. With a sense of responsibility for its millions of customers, as well as for those interested parties which show a special interest due to having a base station in their neighborhood, Telenor Bulgaria handles participation of the public, environmental issues and customer needs in an open, constructive and honest manner.

At the same time and in cooperation with state authorities and the scientific society, the company encourages independent scientific studies in health research.

### 3.2) The Four Principles

In order to address public interest and to ensure transparency, openness and constructive cooperation on EMF related issues, Telenor Bulgaria is committed to observe the following four principles:

#### 3.2.1) Transparency

1. Telenor Bulgaria has established internal responsibilities and flows of activities to handle any complaints and enquiries on technology, health and other related issues.
2. Telenor Bulgaria, being aware of public interest in mobile communications supports the establishment of a national database on locations with EMF emission.
3. All of Telenor Bulgaria's base stations comply with the national safe exposure guidelines as well as with guidelines of the International Commission on Non-Ionizing Radiation Protection (ICNIRP). In order to improve transparency, Telenor Bulgaria provides for each base station and to any interested party the necessary data showing compliance with safe exposure guidelines upon request.

#### 3.2.2) Information

1. Telenor Bulgaria is striving for cooperation with all stakeholders in order to inform the public. Also, we encourage local authorities to cooperate with the mobile industry and to set up their own information programs in order to inform the public.
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2. Telenor Bulgaria provides its customers with manufacturer's information on Specific Absorption Rate (SAR) values for handsets on sale, in shops.

### 3.2.3) Participation

1. Telenor Bulgaria co-operates with local authorities in dealing with enquiries from their citizens in relation to network development, where possible. In order to facilitate local authorities in their efforts, Telenor Bulgaria offers relevant information about its base stations as well as on safeguarding public health.

2. Telenor Bulgaria aspires to a co-operative relationship with local authorities. It is our objective to find agreement with local authorities on the siting of base stations, wherever possible.

3. Telenor Bulgaria aims at minimizing visual impact of its base stations as well as impact of the whole network on the environment.

### 3.2.4) Promotion of Science

1. At Telenor Bulgaria, we fully support improvement of scientific knowledge regarding any public health impacts through EMF.

2. Telenor Bulgaria strongly believes that limit values for safe EMF exposure must be based on substantiated research and kept under constant review. Also, Telenor Bulgaria continuously evaluates scientific data by itself.

### 3.3) Resume

The above show that Telenor Bulgaria is engaged in a multitude of activities in addition to those required by Bulgarian legislation. In addition to the respective results these activities have, they complement and enhance the company's corporate responsibility and its drive for sustainable development. In consistency with its millions of subscribers, it is Telenor Bulgaria's philosophy to steadily improve its services by applying the recommendations of the international organizations as well as limits of safe exposure established in Bulgaria.

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## 4) Definitions – Abbreviations

Word/ Phrase/Abbreviation	Definition
EMF (Electromagnetic Field)	The field associated with electric charge in motion, having both electric and magnetic components and containing a definite amount of electromagnetic energy.
ICNIRP (International Commission on Non-Ionizing Radiation Protection)	The International Commission on Non-Ionizing Radiation Protection (ICNIRP) is an international commission specialized in non-ionizing radiation protection. The organization's activities include determining exposure limits for electromagnetic fields used by devices such as cellular phones. ICNIRP is an independent non-profit scientific organization chartered in Germany. It was founded in 1992 by the International Radiation Protection Association (IRPA) to which it maintains close relations. ICNIRP mission is to screen and evaluate scientific knowledge and recent findings toward providing protection guidance in the frequency range up to 300GHz, i.e. radio, microwave and far infrared. The commission produces reviews of the current scientific knowledge and guidelines summarizing its evaluation. In the past, national authorities in more than 50 countries and multinational authorities such as the European Union have adopted the ICNIRP guidelines and translated them into their own regulatory framework. To preserve its independence from vested interests ICNIRP applies fundamental principles as provided by its Charter and statutes: it does not receive financial support from commercial entities. Its funding consist solely of periodical or project grants from national and international public bodies and to a lesser extent of the income derived from its publications and scientific congresses and workshops. The members are not allowed to be employed by commercial entities. To enforce this rule, they are requested to fill in a declaration of personal interests and report any changes as they occur. Declarations of interests are publicly available on the ICNIRP website. ICNIRP's activities are of scientific nature and deal with health risk assessment only. Policy or national or international risk management are considered outside of its scope. Balanced evidence based health risk assessment requires to screen the totality of the available science in an evaluation process. In this process the published literature is carefully read and interpreted in light of a set of quality criteria widely agreed by the scientific community.
SAR (Specific Absorption Rate (for handsets))	SAR is a measure of the rate at which energy is absorbed by the body when exposed to a radio frequency (RF) electromagnetic field. It is defined as the power absorbed per mass of tissue and has units of watts per kilogram (W/kg). SAR is usually averaged either over the whole body, or over a small sample volume (typically 1g or 10g of tissue). The value cited is then the maximum level measured in the body part studied over the stated volume or mass.

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