

Report on EMF Activities in Denmark

29th International Advisory Committee Meeting on EMF

Policies and legislation

Occupational and public exposures to radiofrequency EMF are limited in accordance with internationally harmonized CENELEC standards, where reference levels are based on the 1999/519/EC recommendation. Similarly, for low-frequency magnetic fields, exposures are limited in accordance with ICNIRP guidelines as recommended by the EU.

The responsibility for regulation regarding public radiofrequency EMF exposure lies with the Agency for Data Supply and Infrastructure (SDFI). Product safety and conformance to limit values for e.g. cell phones is regulated by the Danish Safety Technology Authority (SIK). Work Environment in Denmark (AT) is the responsible authority for regulating EMF exposure of workers.

The responsibility for health risk assessment of EMF exposures lies with the Danish Health Authority (SST). SST follows recommendations from WHO and EU. SST also works closely with the radiation protection authorities in the other Nordic countries. SST does not conduct studies, measurements or research on non-ionizing radiation.

Communication

SST answers citizen inquiries and health-related questions from the Ministry of Health and other public authorities. SST provides information related to exposures and health issues on its website, www.sst.dk.

Public concern primarily regards 5G rollout, telecommunications in general and low-frequency magnetic fields from power lines, transformers and underground cables.

Although the 5G pioneer bands 700 MHz, 3,5 GHz and 26 GHz were auctioned in 2019 and 2021, only the 700 MHz and 3,5 GHz bands are in use. Public concern of 5G seems to have settled on a low level which is comparable to the concern of exposures from telecommunications in general and exposures from low-frequency magnetic fields.

The general assessment of SST remains that no health consequences are anticipated if exposures are below reference levels, in line with reports from the French Agency for Food, Environmental and Occupational Health & Safety (ANSES), the Health Council of the Netherlands and the Scientific Council of the Swedish Radiation Safety Authority (SSM).

SST maintains periodic meetings with SDFI to ensure that sufficient information is made available concerning 5G and exposures from telecommunications in general. SST also has occasional meetings with the Magnetic Field Committee of the Electricity Industry regarding risk assessment when planning new high-voltage cable installations.

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