

## Fields \* Waves \* Radiation in Homes and Offices: Analysis & Protection Solution

### ABOUT:

Guided by the "Precautionary Evaluation Guidelines for Sleeping Areas 2015" of the Institute Building Biology (IBN, Germany), Healthy Buildings Co / est.1989, offers examinations & reports on a wide range of electric and electromagnetic exposures for sleeping areas and computing / office environments.

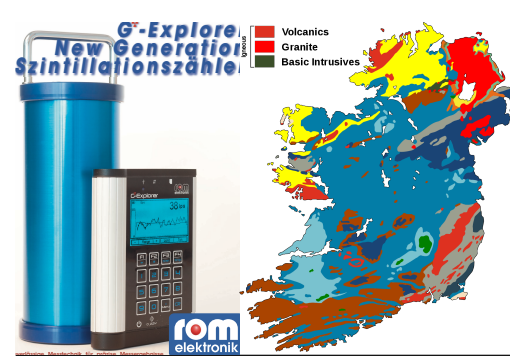
Surveys take place to the standards and with the metering equipment approved by the Institute IBN.

Working strictly to these Standards means that we do not promote practises such as dowsing or various costly, questionable and possibly dangerous appliances such as Grounding mats for mattresses, wave harmonisers etc - see Dr. Scheingraber's statement attached.

### PRACTICES:

- First the options of reducing physical and chemical exposure are addressed before recommendations are made on investing into suppliers of exposure reducing & shielding equipment / domestic electrical installations. Where required RECI appointed electricians may supply, install and certify.
- Sleeping places can be examined for their natural magneto static situation and - diversions, as well as for geological disturbances.
- Homes & computing places can be examined to strict TCO standards and guidelines.
- We can advise on natural light, surface treatments / paints, home insulation, radioactivity in building materials, Radon and CO2 based on our 30 years with the Irish Ecological Building industry.

## Areas of Surveying Based on the "Precautionary Evaluation Guidelines 2015 for Sleeping Areas IBN"

<p><b>A1 AC Electric Fields (Low Frequency)</b></p> <ul style="list-style-type: none"> <li>– Field Strength <u>with Ground Potential</u> (V/m) among others "Dirty Power" Evaluation, computing exposure to TCO standards</li> <li>– Field Strength, <u>Potential free</u> (V/m) especially Bed &amp; Mattress examination</li> <li>– Body Voltage with Ground Potential, (mV)</li> </ul> <p><b>A2 AC Magnetic Fields</b></p> <ul style="list-style-type: none"> <li>– Flux Density in nanoTesla (or milliGaus)</li> <li>– magnetic charge of mattress coils etc.</li> <li>– optional: long term evaluation Overhead Wires</li> </ul> <p><b>A3 Radio-Frequency Radiation (High Frequency)</b></p> <p>Sources: Mobile Ph. GSM9/18, UMTS/3G, LTE/4G, various 5G, TETRA, WiFi, DECT, Bluetooth, Radar</p> <ul style="list-style-type: none"> <li>– Power Density in Microwatt per square meter -</li> </ul> <p><b>A4 Static Electric Fields (Electrostatics)</b></p> <ul style="list-style-type: none"> <li>– Surface Potential (V)</li> <li>– Discharge time (sec.)</li> </ul> <p><b>A5 Static Magnetic Fields (Magnetostatics)</b></p> <ul style="list-style-type: none"> <li>– Deviation/Fluctuation of Flux Density (nanoTesla)</li> <li>– Anomalies of Earth magnetic Field</li> </ul> <p><b>ALL 5</b></p> <ul style="list-style-type: none"> <li>– Certified Metering by <a href="http://gigahertz-solutions.com">gigahertz-solutions.com</a></li> <li>– EUCertified Partners: AURO/biologaDanell/YShield</li> </ul>	<p><b>A6 Radioactivity (Gamma Radiation)</b></p> <ul style="list-style-type: none"> <li>– RADON &amp; CO2 in ppm / cubic meter</li> <li>– Ad Hoc RADON metering, optional long term examination</li> </ul> <p><b>A7 Geological Disturbances</b></p> <p>Underground alterations and distortions/ faults</p> <ul style="list-style-type: none"> <li>– from small areas (bedrooms)</li> <li>– to larger building sites</li> <li>– examined by "G-Explorer" (Scintillations-Counter)</li> </ul> <div data-bbox="893 1388 1404 1747">  </div> <p><b>A9 Light</b></p> <p>General Advise for Offices, Living - &amp; Sleep areas. Colour Spectre, - Temperature and Flickering are examined</p>
---	--

Survey & Summary Report will address Areas A1 to A5; A6, A7 & A9 require separate surveys

Status: 1/2023



Wilhelm Bodewigs Dipl.Ing.  
085-7704331 [healthbuild@me.com](mailto:healthbuild@me.com)

Account: BOI Sligo BIC: BOFIE2D  
IBAN: IE94 BOFI 9054 4022 6680 36

## **Survey Prices & Payment Conditions** (valid from 1st February 2023)

### **Basic Examination Fee**

as outlined at our Sheet "Analysis and Protection Solutions"

- Point 1 to 5 - (no VAT applies) **€ 440.00**
- Point 6 to 9 - (separate quotation)

- This Basic Charge applies if Surveyor is supported at nearest Railway/Main Bus Station
  - Only where same day return to Base is not possible: B&B expenses apply
  - Where private car travel is required: a surcharge applies **€ 120.00**
- This surcharge may include B&B expenses.

### **Payments**

- **50% as Deposit; as outlined at Pro Forma Invoice**
- **Remaining 50% at end of survey - and discussion of results;**
- **Final Formal Report submitted to client within three working days - as PDF -**
- **Please call us with your Eircode for an accurate quotation**

### **Please note:**

- Survey instruments and - findings are established to the strict norms of the Institute IBN
- In general the "Preventive Guidelines for Sleeping Areas" issued by the private Institute IBN are not reflected in EU or Irish Guidelines or by WHO Statements
- Computing / Office places are surveyed to the standards of the Swedish TCO Organisation (Swedish Confederation of Professional Employees)
- The survey outlined / instruments by "Gigahertz-Solutions" may provide details on "Intensity", "Frequency" and "Modulation". References to other field / wave factors can be found at secondary literature mentioned at the survey summary report. See also following official statement by Dr.Scheingraber / the "Working Group Electro-Biology", Munich/Germany

# E-smog protection products - Harmonisation chips - Protection from E-Smog ?

*January 2023 - Dr Claus Scheingraber - a statement by the AEB (Working Group Electro-Biology)*

Dear Sir or Madam,

Thank you for your enquiry about electro-smog protection products.

First of all, the Arbeitskreis Elektrobiologie e.V. (AEB) has been dealing with electro-smog protection products such as harmonisers, transformers and converters for almost 30 years. In the process, the AEB had to establish that in the majority of cases there was no effect on the users, sometimes a positive effect could actually be established and unfortunately there was also a worsening of the health situation after using the products! The question arose, why is this so?

The problem lies in the difference between energy, power effect and information! Mostly the so-called e-smog protection products are called harmonisation products because the distributors of these products claim that their "chips" are able to cancel the biological effect of electromagnetic radiation without changing the physical field itself.

These e-smog protection products can also be called "technical homeopathy" because only information is transmitted, comparable to classical homeopathy. A ruptured appendix cannot be cured with homeopathy because the intestinal contents cause a deadly infection in the abdominal cavity. Only surgery and antibiotic therapy can save the patient's life. E-smog protection products can give you a perceived improvement in your health, but they do **not** give you real protection against physical environmental pollution, i.e. electro smog.

The big problem is that many people - unfortunately also many experts - do not know or have not understood the difference between energy, the effect of force and information. **The basic statement applies that you cannot cancel or extinguish energy or the effect of force on charge carriers with information.** We all know that microwaves can transmit energy because of the microwave oven! A practical example may clarify this for you. Please try to neutralise the effect of a microwave oven with any e-smog protection product. You will not find any e-smog protection product that can do that! The Arbeitskreis Elektro-Biologie e.V. has been searching for the neutralising effect of e-smog protection products for 30 years and has discovered this fact valid until today. So you can see how dubious the claim is that one can protect oneself sustainably from electro smog with these e-smog protection products.

But why do some people who are exposed to e-smog still feel an improvement in their living situation, why do symptoms occasionally disappear? Electro- and field physics can provide clarification here. Many people believe that with non-ionising waves only the intensity (*product of electric and magnetic field strength*) is causal for the biological effect. **Unfortunately, this is fundamentally wrong!** The biological harmfulness of an electromagnetic wave or a physical field is determined by various factors:

- ❖ **Intensity = power flux density:** (W/m<sup>2</sup>)
- ❖ **Frequency:** (Hz)
- ❖ **Wavelength:** (m, cm, mm)
- ❖ **Frequency bandwidth:** (kHz or MHz)
- ❖ **Modulation form and type:** (pulsed, unpulsed)
- ❖ **Pulse rate:** (Hz)
- ❖ **Polarisation:** (vertical - horizontal)
- ❖ **Rise speed of the signal:** (edge steepness)
- ❖ **Depth of penetration into the body:** (absorbency)

As you can see, up to now 9 factors are known that can be responsible for the harmfulness of an electromagnetic wave or a low-frequency field, and we do not yet know whether we already know all the factors that are responsible for a biological effect.

If one carries out an information transfer with an e-smog protection product, one can have a modulating influence on some of the listed factors. This can actually lead to an improvement in well-being in people who are sensitised to it. However, since neither the force effect nor the energy of a field can be cancelled out by this, the effect of an e-smog protection product under the influence of a field is only of a minor and mostly temporary nature!

A comparison with classical homeopathy is very appropriate, because Dr Hahnemann, the discoverer of classical homeopathy, writes at the beginning of his book Organon that the causes of a disease must be eliminated if homeopathy is to be used successfully.

So, for example, if someone has acquired mercury exposure through amalgam fillings or other means, then administering a high-potency form of Hg is of little help. If there is any effect at all, it is not long lasting. Hg exposure must first be demonstrably eliminated from the body, then the symptoms of mercury intoxication can be successfully alleviated with homeopathy.

Transferred to "technical homeopathy", this means that the cause - the physical field - must first be eliminated or at least significantly reduced before any "success" can be achieved with e-smog protection products!

E-smog protection products have at best the character of "pain pills", they provide relief from the symptoms for a short time, but do absolutely nothing to eliminate the causes!

The positive effect of e-smog protection products can even become downright dangerous for those affected when field pollution seems to have been eliminated. However, the pathogenic field effects are still present and the affected person only notices the consequences of the field exposure when a disease has broken out. For some diseases, however, therapy often comes too late!

In a conversation with a seller of harmonisation products about exactly this problem, the following statement was made by the person: ***"If the prerequisite for the effectiveness of my e-smog protection product is the elimination or reduction of the physical field, this means that my harmonisation chip is unsaleable, because after field-reducing measures the complaints usually subside by themselves ..."***.