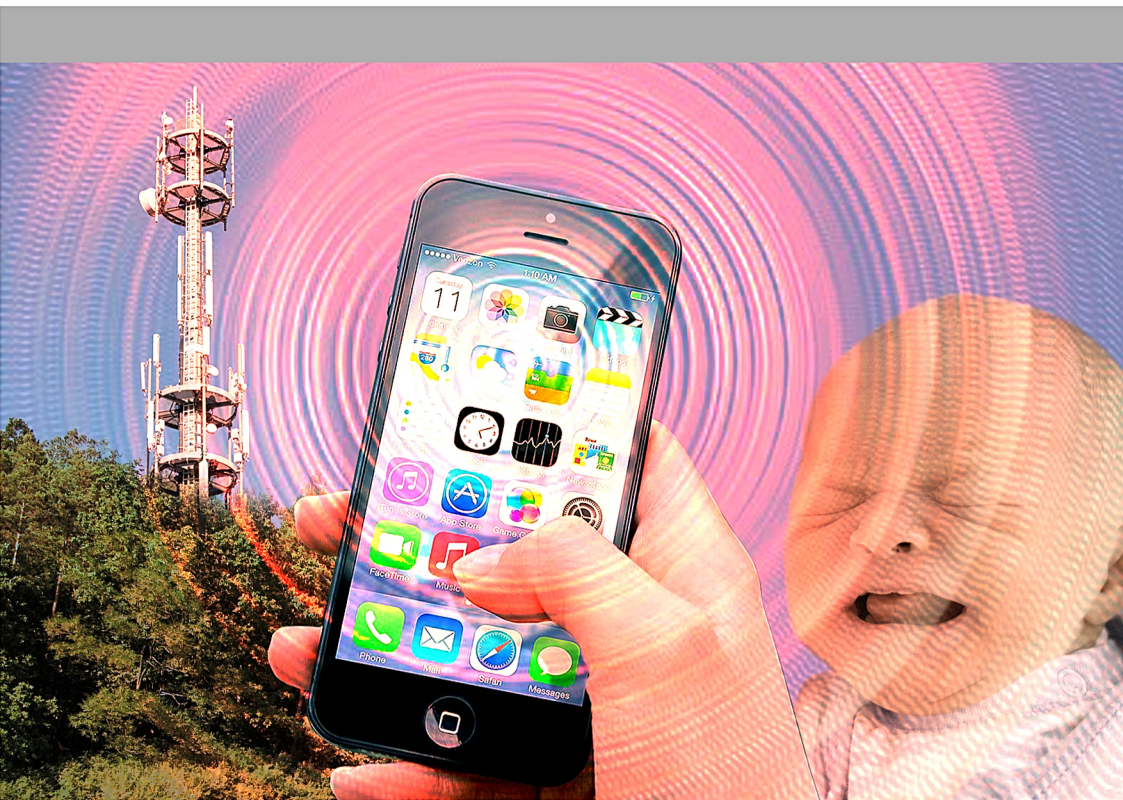


# Mobile communication

- the hidden danger



Klaus Weber

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Klaus Weber

# **Mobile Communication –** the hidden danger

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## Foreword

For many years of my life, I was hardly interested in the topic of mobile communications. Although I was aware that the radiation caused by mobile phones, wireless telephones or WiFi was not harmless, I have never really taken the quiet, warning voice in me seriously in order not to have to do without this convenient technology.

However, my attitude changed abruptly after I attended the 1<sup>st</sup> Anti-Censorship Conference (AZK) in Chur, Switzerland (<http://en.anti-zensur.info>) on February 23<sup>rd</sup>, 2008. There Dr. Med. Hans-Christoph Scheiner gave a lecture together with Ulrich Weiner on the topic of mobile communications. After this lecture I disposed of my cordless phone and replaced the WiFi connection of my computer with a LAN connection.

This information brochure is not a scientific work, but was created with the aim of providing every layman with an easily understood description of mobile communications correlations. The sentences marked in red at the end of the chapters serve as a “main theme thread”.

At present, it is clear that the prognosis from the first edition (2010) about an upcoming “electrosmog age” will be fulfilled by the planned introduction of 5G. I therefore updated the brochure in February, 2019 and added a chapter on 5G.

As the public media continues to remain largely silent on the dangers of this technology, the individual initiative of each citizen is more important than ever.

This brochure is therefore intended for personal distribution to all interested persons, distributed hand by hand. It should be widely spread because everyone has a right to comprehensive information. May this vital information reach all citizens.

When the first rays of the sun break through in the morning, night-time is quickly over, because the light of the sun is stronger than the darkness.

February 2019

*Klaus Weber*

# I. Introduction

Since the German government sold UMTS licenses in the year 2000, the country has been “littered” with mobile communications antennas.

Today, the antennas are omnipresent and there are hardly any places left that are not reached by the high frequency radiation.

But aside from mobile communication antennas, there are also other sources that cause high-frequency electrosmog, e.g.:

- radio links
- wireless DECT phone stations and phone devices
- smartphones, mobile phones
- WiFi connections
- Bluetooth
- baby-phones
- radio and TV stations
- radar
- digital electricity meters



There are approximately **135 million** mobile connections in Germany and **8.13 billion** worldwide (status as of 2018)<sup>1</sup>

Research findings and observations of the environment make it more and more clear that pulsed high frequency radiation (also called microwave radiation in this brochure) can cause the following health disorders:

*sleeping disorders, states of anxiety  
change in behavior, depression  
headache, tinnitus  
concentration disorders, memory disturbances, Alzheimer's disease, dementia  
eye irritations and cataract  
learning disorders with children  
hypertension, diabetes*

*cardiac arrhythmia  
migraine, dizziness  
reduced fertility  
blood count changes  
DNA strand breaks, cancer,  
constant tiredness  
and exhaustion, burnout  
allergies, immunodeficiency*

By way of the 26<sup>th</sup> Ordinance of the Federal Emission Control Act, the population should be protected against these hazards by the determination of thresholds.

**In the following chapter it will be clarified if these thresholds provide real protection.**

## II. The “Threshold-Lie-Construction”

The “normal citizen” thinks that below legal thresholds there can be no health hazard to humans. After all, these values have been set by “highly respected scientists and experts”. The most important threshold for damaging radiation exposure through mobile communication in Germany is:

10,000,000 $\mu\text{W}/\text{m}^2$	threshold for UMTS radio networks in Germany. <sup>2</sup>
-------------------------------------	--

(The radiation found in nature is: 0,000.001  $\mu\text{W}/\text{m}^2$ ).

In other words, the threshold lies around a trillion-fold factor above natural radiation. This corresponds to approximately 1cm in relation to 250-times the circumference of the earth.

### 1. A private association defines the threshold values

The threshold values applicable in Germany were recommended by a private (!) 16-person association (ICNIRP<sup>\*</sup>) and adopted by the Federal Government as law (26. BImSchV). The then Chairman of the ICNIRP’s industry-related committee, Prof. Dr. Jürgen Bernhardt, said: “If you reduce the thresholds, you will ruin the economy and the location Germany is endangered.”<sup>3</sup>

Prof. Dr. Neil Cherry, who was commissioned by the New Zealand government to review the ICNIRP guidelines, came to the conclusion: “seriously faulty,” “an example of biased opinion”, “intentional misrepresentation.”<sup>4</sup>

### 2. The threshold only protects from heat

The threshold is based on radiation intensity, which warms a lifeless (!) body by 1° Celsius within 30 minutes (thermal effect). This value is reduced by a factor of 50. Long-term impacts (of more than 30 minutes) remain disregarded! We quote Prof. Bernhardt: “We have understood, beyond doubt, only the thermal effect of radio waves, and we can currently set thresholds only on this basis. Beyond this though, there are indications on carcinogenic effects and disturbances of the cell membrane.”<sup>5</sup>

○ Although there are (numerous) indications on carcinogenic effects, these indications are completely ignored when determining the threshold values – they are only based on thermal effects (heat)!

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<sup>\*</sup> International Commission on Non-Ionizing Radiation Protection, registered in the Munich Register of Associations with the number 14570.

## The basis for threshold measurement:

*Threshold measurement is based on the assumption that there are no athermal (non heat-based) effects being caused by mobile-radio radiation (e.g. carcinogenic effects due to disturbance of the cell membrane). These are vehemently denied, since otherwise the legal thresholds would be deprived of any scientific basis. The threshold refers to a lifeless body (see above) and in no way takes into account the athermal effects in our living body!*

*The following example illustrates the instability of this construction:*

a) Dr. Med. J. Mutter: “That would be like measuring the health effect of smoking only through the warming of the lungs during 30 minutes of cigarette smoking ... The actual biological effect of smoking (e.g. worse blood circulation ...) would not be considered.” Also the health effect of smoking lasting longer than 30 minutes (e.g. formation of cancer cells often only after years) would not be considered”. Every child is aware of this nonsense, but this is accepted with microwave radiation.<sup>6</sup>

b) “The delicious toadstool” (in short): During a school field-trip, the student asks his physics teacher: “Is this kind of toadstool dangerous?” Physics teacher: “Is it dangerous if I throw a heavy stone at your head from a distance of one meter? Student: “Yes!” – Teacher: “Is it also dangerous when I do the same with a toadstool?”. The student is relieved, because according to the laws of physics, the mushroom is not dangerous. The physics teacher cannot explain why the student gets seriously sick after eating the mushroom.<sup>7</sup>



He had only considered the external physical danger to the body, but not the internal biological danger!

c) If someone would measure the level of radioactive radiation with a thermometer instead of a Geiger counter, and based on this thermal measurement would rate the radioactivity as harmless, he would be declared crazy. But in the case of protection against mobile radiation, this indeed is being sold as science!

Even the ICNIRP committee has to admit in its guidelines that the threshold values protect only against “short-term, immediate health related effects” by “increased tissue temperatures”. All experts agree that there is no thermal risk coming from WIFI. The thresholds claim to protect against something

that in the end does not pose a hazard at all. When setting the thresholds, the non-thermal, biological effects were not taken into consideration.<sup>8</sup> For instance, effects on nerves or hormones or tumor formation are unknown to those who issue laws.

### 3. The irresponsibility of set thresholds:

The science directorate of the European Parliament STOA comes to the conclusion: “The public concern is not unfounded. At places with a long-term exposure, radiation should not exceed **100  $\mu\text{W}/\text{m}^2$** ! [see report of U. Weiner, p.19]”.<sup>9</sup> Current studies show however that even this value is not acceptable.

Were our “highly praised scientists and experts”, mistaken by five(!) powers of ten when they set the limits in Germany? In this case, we are facing a **MOBILE PHONE WORST CASE SCENARIO!**

It would not be the first error in threshold values: in 1973 the limit value for asbestos was three million fibres/ $\text{m}^3$ ; today it is 400 fibres/ $\text{m}^3$  (EU).<sup>10</sup>

Prof. Volger (Technical College Aachen 2001): „The allegation of a protective effect [of the thresholds], must be considered as scientific misinformation. This meets all the legal attributes of fraud, including gross negligence and intentional endangerment and personal injury.”<sup>11</sup>

Prof. Dr. Med. Adlkofer brings it to the point: “If the existence of athermal effects regarding health consequences were admitted, the entire threshold construction would collapse.”<sup>12</sup>

**The next step is to explain, on the basis of scientific studies, whether there are biological effects caused by mobile communications radiation.**

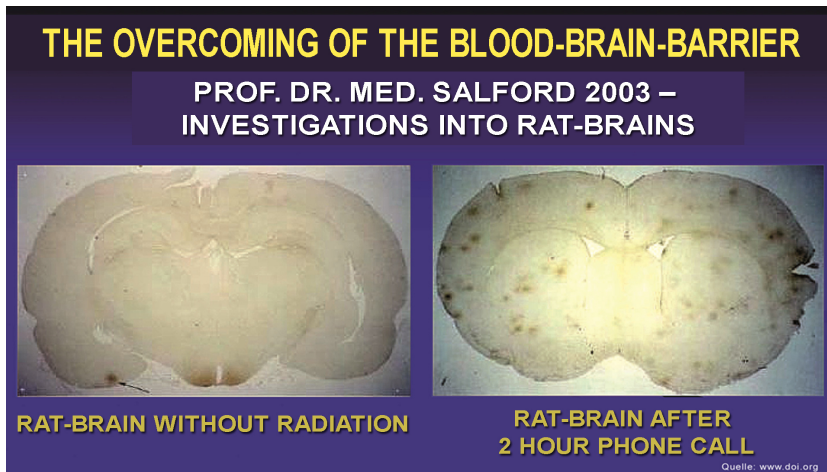
### III. Studies demonstrating biological effects

Already in 1992, the Radiation Protection Commission wrote in the Federal Gazette No. 43, from March 3<sup>rd</sup>, 1992, about “special effects that are not based on warming”... “The membrane effects – cell damage – have been confirmed many times, **so that their existence is now considered proven.**”<sup>13</sup> If these effects were taken as certain at that time, why were they ignored in the threshold definitions?

The following further studies are now to demonstrate the presence of significant biological effects for our health:



## 1. The Salford study



Our brain is protected from toxic substances by a membrane, the so-called blood-brain barrier. The BSE scandal and Creutzfeldt-Jakob disease have shown what it can mean when toxins overcome this barrier.<sup>14</sup>

Three groups of eight rats each were exposed to radiation over a period of two hours in a total of over 1,000 experiments using a mobile phone (GSM standard) with different power levels. This opened the blood-brain barrier!

The evidence reliability is 99.8%. The damage is irreversible!<sup>15</sup> The result was confirmed by further studies.<sup>16</sup>

Prof Salford: “The findings are easily transferable to humans. We cannot rule out the possibility that a few decades of daily mobile phone usage will have a negative effect upon an entire generation as early as middle-aged.”<sup>17</sup>

## 2. The REFLEX study

Under the direction of Prof. Dr. Franz Adlkofer, M.D., the double-blind test investigated whether mobile communications radiation (GSM-1800 and GSM-900) has negative health effects on human as well as animal cells.

Result: Mobile radiation destroys the cell nuclei, just as it is known to do with X-ray and radioactive radiation. This has a carcinogenic effect **far below the applicable threshold values!**<sup>18</sup>

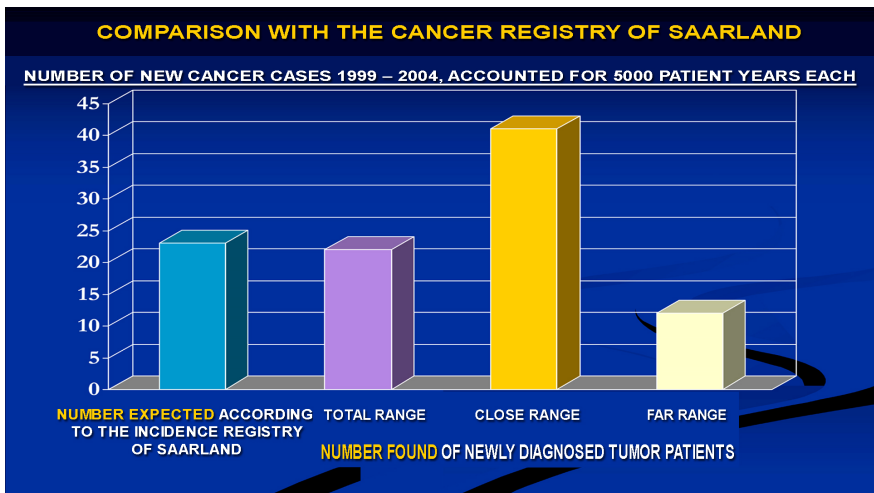
In another series of studies with UMTS, Adlkofer demonstrated that UMTS signals are almost ten times more effective than GSM signals.<sup>19</sup>

### 3. The Naila study

There is a very significant long-term study on the effects of continuous irradiation by transmission-masts on the health of the population, by a private medical initiative in Naila (Upper Franconia) – the so-called Naila study.

The independent (!) and self-financed study is very informative because it covers a period of ten years (1994-2004). The doctors recorded the number of new cancer cases in two groups of people who lived within different radiuses of a mobile phone transmitter in Naila. Radius 1 (near): max. 400m, radius 2 (far): 400-1000m.

The diagram shows the main results:<sup>20</sup>



○ Between 1999 and 2004, the proportion of new cancer cases in radius 1 tripled compared to radius 2!

○ The new patients in radius 1 were on average 8.5 years younger!

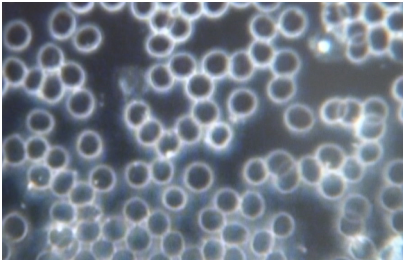
The study does not say that there is no risk in radius 2.

As a consequence of the study, the mayor of the city of Naila asked the mobile network operator with a specific deadline to lower the threshold value for the power flux density of the plant by a factor of 1,000,000!! He threatened the operator with an extraordinary legal notice.<sup>21</sup>

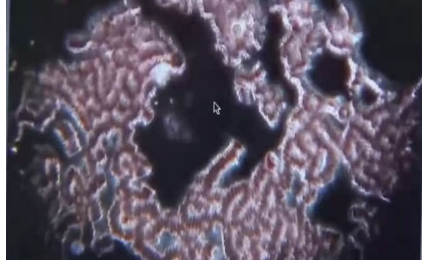
A study in Bella Horizonte (Brazil) with 2 million participants confirmed the result from Naila.<sup>22</sup>

## 4. The “rouleau formation”

A simple experiment shows very impressively the biological effects: The dark-field microscope brings it to light. After just a few seconds of mobile phone telephoning, the red blood cells clump together in “rouleau formation”.<sup>23</sup> This can lead to obstructions of small blood vessels, and eventually to strokes and thrombosis. Doctors also confirm this effect.<sup>24</sup> It also affects people who are present while another person is making a phone call.



Blood-cell Image prior to mobile phone usage



Blood-cell Image after 3 minutes of mobile phone usage

These four studies are examples of several thousand studies that confirm the same effects.

An international working group of scientists, researchers, and experts for public health policy (Bioinitiative Working Group) comes to the following conclusion after the evaluation of over 2000 scientific studies: “The existing thresholds do not protect public health. It is recommended that new threshold values based on biological principles be introduced.”<sup>25</sup>

As a result, even the European Environment Agency issued a warning against the use of mobile phones.<sup>26</sup>

powerwatch.org also lists 1,659 studies. In 1,032 cases effects were proven, in 370 partial effects, and only in 257 cases there were no effects.<sup>27</sup>

**Conclusion: The above mentioned studies prove the existence of biological effects, which are not caused by the heat effect of the electromagnetic field, but by its athermal effect.**

A highly significant study found that 68% of all studies which are not funded by the industry have identified negative biological effects. In the case of industry-funded studies, it was “coincidentally” only 29%.<sup>28</sup>

**The following chapter examines whether these biological, athermal effects have a negative effect on the lives of humans, animals and plants.**

## IV. Damage to humans, animals and plants

### 1. Damage to humans

The building biologist Maes ([www.maes.de](http://www.maes.de)) reports: The complaints become louder that physical and mental symptoms such as headaches, dizziness, constant fatigue, tinnitus, hormone, nerve, heart and sleep problems, concentration problems, attention deficit/hyperactivity disorder (ADHD), irritability, allergies, anxiety, visual disturbances or general discomfort occurred immediately after installing new mobile communications transmitters in the vicinity or after DECT (cordless) telephones had been introduced.

Such symptoms can also be caused in humans by WiFi connections, digital electricity meters or baby monitors. In particular, the omnipresent advertising for “free Wifi” not only conceals these side effects, but also provides them “free of charge”.

Here are three examples of an alternative way:

- “Parisian libraries shut down all wireless WiFi networks. Half of the employees complain of headaches, dizziness, nausea, concentration deficits, fatigue and other complaints after WiFi had been installed.”<sup>29</sup>
- “The Bavarian state parliament recommended that all schools in Bavaria should do without WiFi networks.”<sup>30</sup>
- In Haifa, (Israel), the mayor even imposes a WiFi ban for schools, kindergartens and public buildings.<sup>31</sup>

Digital electricity meters (SMARTMETER) are also to be installed EU-wide on the basis of a law. This “radiating power grid” will turn our entire house into a pulsed and high-frequency electromagnetic field. In Germany, a major study has shown that almost all people exposed to this radiation show changes in the spinal cord – the beginning of leukemia!<sup>32</sup>

The most important question with regard to human health hazards is therefore: Can mobile communications radiation cause cancer?

#### **Mobile phone radiation “possibly cancer causing”!**

The WHO (World Health Organization) announced on June 1<sup>st</sup>, 2011 that the International Agency for Research on Cancer (IARC) has classified high-frequency electromagnetic radiation on the list of carcinogens as category 2B (“potentially carcinogenic”).

31 experts from 14 countries came to this conclusion after evaluating “almost all available scientific evidence”. This new classification revises the previous statement that electro-magnetic waves would only be able to heat the tissue. Cancer has been proven to be a non-thermal effect. This

classification assesses the danger of electromagnetic waves as being equal to the danger of petrol vapors, chloroform and the plant poison DDT.<sup>33</sup>

However, the classification as “possibly carcinogenic” has long been outdated: the latest research findings, including recent studies on the correlation between mobile phone use and the risk of brain tumors, indicate that high-frequency radiation (HF) has been proven to be carcinogenic for humans. For this reason, high frequency radiation should be classified as a category 1 carcinogen, as has already been done for tobacco smoke and asbestos.<sup>34</sup>

In spring 2018, the overall results of the US research study were published (NTP study). This was the most expensive research study in the US at 25 million US Dollars. The study leaders demonstrated a clear causal relationship between cancer and mobile communications. The study is unreservedly certified to meet the highest scientific standards.<sup>35</sup>

According to the results of this study, even the former ICNIRP\* member Prof. J. C. Lin speaks of “clear evidence for the cancer risk of mobile communications radiation” and calls for a revision of the mobile communications threshold values and an even higher classification of the cancer risk by the WHO.<sup>36</sup>

Case studies also confirm that HF radiation is carcinogenic.

- Helmstadt: 22 cancer cases alarm local residents<sup>37</sup>
- Steinbach-Hallenberg: Cancer rate increased eightfold<sup>38</sup>
- Mittelstenahe/Cuxhaven: out of 260 inhabitants, more than 30 suffer from various types of cancer.<sup>39</sup>
- Warwickshire/GB: 31 cancer cases in a single street, the operator O2 dismantled the station after protests from the population.<sup>40</sup>

And numerous other examples ...

Immediate action is therefore a must! By way of comparison: it took almost 100 years for asbestos to be banned at a latency period of 10 to 40 years until the disease breaks out.<sup>41</sup>

In the following, the health hazards posed by pulsed mobile phone microwaves acting directly on our head are discussed in detail.<sup>42</sup>

## **Dangers from mobile phones**

After an appeal by the Russian National Committee for Protection against Non-Ionizing Radiation (RNCNIRP) in 2008, which caused a worldwide

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\* International Commission on Non-Ionizing Radiation Protection

sensation, three years later the Commission of high-ranking Russian scientists, now goes one step further:

“Unfortunately, statistical data published by ROSSTAT and UNICEF in 2009 and 2010 have shown that there has been a steady increase in childhood illnesses since 2000, most likely due to mobile phone use”.

Of particular concern is the increase in illnesses among young people between the ages of 15 and 19 compared to 2000:<sup>43</sup>

- Disorders of the central nervous system: + 85%
- Epileptic diseases: + 36%
- Blood diseases and disorders of the immune system: +82%
- Neurological disorders: + 58%

Researchers see the oxidative stress triggered by microwaves in the cells as a major reason for the dramatic increase in many chronic diseases since the beginning of the 1990s (beginning of mobile communication).

Here are some examples with percentage increases from 1990-2016 in the USA:

ADHD: +819%; Alzheimer's: +299%; Autism: +2094%; Fibromyalgia\*: +7727%<sup>44</sup>

## â General effects of mobile phone use

### **a) Beware: Danger of addiction!**

It is essential to mention the “danger of mobile phone addiction”, especially for young people. For many, the cell-phone has become an addiction with serious social consequences.<sup>45</sup>

### **b) Mobile phones promote infertility**

An Austrian study showed that the semen quality of men deteriorates significantly within only five days when using a cell-phone or keeping it on stand-by.<sup>46</sup>

### **c) Mobile phones alter brain waves and lead to tissue damage**

In his book “Cellular Telephone Russian Roulette” Motorola insider Robert C. Kane, who worked in the telecommunications industry for more than 30 years, comes to the conclusion:

“A two-minute phone call is mirrored for a week in the user's altered brain waves. A mobile phone user only notices tissue damage when the scalp, which absorbs very little energy, feels warm.”<sup>47</sup>

The tragedy of radiation damage caused by mobile phones is that diseases such as Alzheimer's or Parkinson's are only noticed when 80% of the brain cells have already died!<sup>48</sup>

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\* Fibromyalgia is a syndrome of widespread pain in various parts of the body, sleep disorders and increased exhaustion.

#### d) Is the brain boiling?

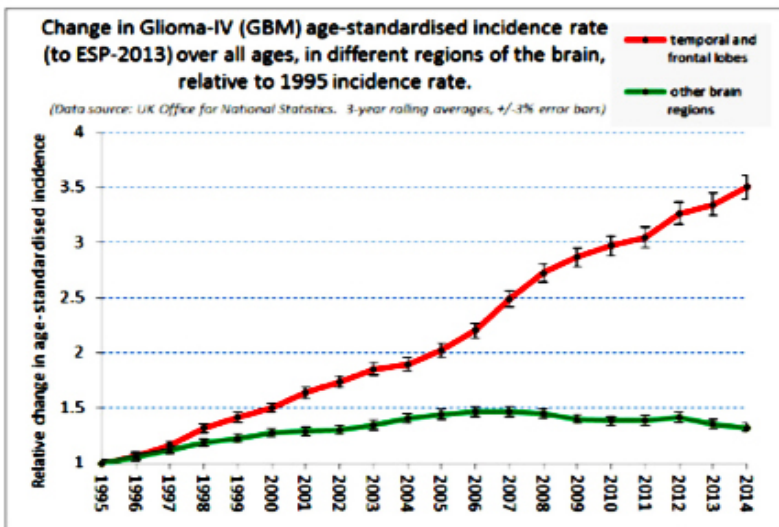
It is worth noting that the Max Planck Institute in Golm, Germany, found that the radiation from mobile phones heats up the synapses in the brain to up to 100°C. The director Antonietti: "This is a horror."<sup>49</sup>

#### e) Mobile phones can cause brain tumors:

The specialist for brain tumors, Dr. Lennart Hardell, Dr. med., Dr. phil. and professor at the University Hospital of Orebro, Sweden, confirms that brain tumors usually take a long time range of 15 to 20 years to develop. The use of mobile or cordless phones can lead to brain tumors after only 10 years.

Dr. Hardell's work has been confirmed in other studies on long-term users (10 years). A summary evaluation of all studies on brain tumors shows an overall 200% increased risk of brain tumors on the side of the head on which the phone is held.<sup>50</sup>

In a recent research study, two research groups in England found a dramatic increase in brain tumors (glioblastomas) in the period 1995-2014 in a particular brain region. These are the most malignant of all brain tumors, leading to death in almost 100 percent of cases in a relatively short time.



"While the number of brain tumors in "the other regions of the brain" (lower line) remained relatively constant, there was a worrying increase in two brain regions, the temporal and frontal lobes. These two brain regions are most exposed to radiation when the mobile phone is held to the ear."

Prof. Adlkofer comments: "The suspicion that mobile telephoning might be responsible for this development is increasing almost to the point of certainty."<sup>51</sup>

**"Hundreds of thousands of mobile phone users will develop brain tumors."**

**"Mobile phones should be banned until the age of 18!"**

**"The tumor risk for children is significantly higher than for adults."**

*L. Lloyd Morgan, Electrical Engineer, Director of the US Brain Tumor Society*<sup>52</sup>

The Higher Regional Court in Brescia (Northern Italy) has now recognized a causal link in a final judgment. The supreme Italian court in Rome confirmed this verdict in 2012.<sup>53</sup>

An employee's brain tumor is caused by hours of business use of his mobile phone and cordless phone. The verdict is also ground-breaking because the judges ruled that industry-funded expert opinions were not credible and they relied only on industry-independent opinions for their verdicts.<sup>54</sup>

In Italy, other similar judgments followed, confirming the causal relationship between brain tumors and mobile communications radiation.<sup>54</sup>

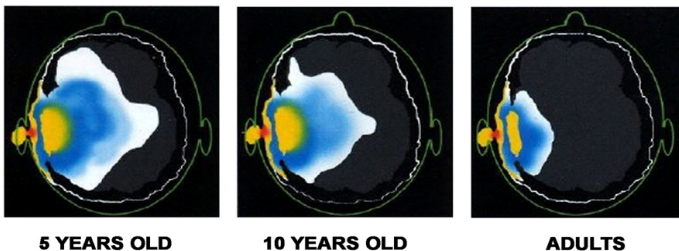
In its reasoning, the court in Brescia pointed out that the relative risk of brain tumors from mobile and cordless telephone use (value 2.9) was higher than from 1 Gray ion radiation (e.g. survivors of the atomic bomb explosion of Hiroshima/value 1.39).<sup>55</sup>

This is also confirmed by the German space physician Prof. Karl Hecht, who, after research work in 2015, came to the conclusion that in the long-term mobile communication is just as dangerous as radioactive radiation!<sup>42</sup>

What we can still expect with regard to brain tumors caused by mobile phone radiation is shown by the fact that after the atomic bomb dropped on Hiroshima, the peak of the brain tumor rate in Japan was only reached after 40 years!<sup>44</sup>

### â Severe effects in children and pregnant women:

**RADIATION PENETRATION INTO THE HEAD ACCORDING TO AGE**



Microwave radiation from mobile phones penetrates much deeper into the brain in children than in adults.



### a) High risks for children through mobile phones

- The limit values do not take into account the much greater physiological sensitivity and the higher conductivity of children's heads!<sup>56</sup>
- Swedish scientists warn: The risk of developing brain tumors rises by up to 500% if you use a mobile phone already as a child (under the age of 20).<sup>57</sup>
- Leukemia develops in the bone marrow. There the child absorbs at least ten times (!) more radiation than an adult.<sup>58</sup>

### b) Attention deficit/hyperactivity disorder (ADHD)

ADHD and school problems in children are often caused by the increasing electrosmog from mobile phones, mobile communication transmitters, WiFi and DECT telephones. In classrooms, buses and often at the workplace, the exposure adds up to a health risk.<sup>59</sup>

### c) Mobile phone calls from pregnant women are irresponsible

A Danish study with 13,000 children states that regular mobile phone calls by pregnant women increase the risk of developing behavioral disorders in their children, such as hyperactivity, by 50%. If the children themselves use their mobile phones before the age of seven, the risk even rises to 80%.<sup>60</sup>

- WiFi and mobile phone radiation triple the risk of miscarriage!<sup>61</sup>

For these reasons, the Vienna Medical Association is calling for a ban on mobile phones for children and has issued guidelines for the use of mobile phones, including:

No playing games with mobile phones!<sup>62</sup>



**The insidious thing about making phone calls with mobile phones is that the troubles occur insidiously, but are usually irreversible later!**

The French government has complied with this demand by physicians and scientists and in September 2018 issued an absolute ban on mobile phones for pupils up to the age of 15 at all French schools!<sup>63</sup>

## Protection against mobile communications radiation

In order to protect against negative health effects caused by mobile communication radiation, there are various shielding materials which are briefly mentioned here:

Shielding paint, shielding fabric, protective fabrics, foils, e.g. aluminum foil, canopies, shielding wallpaper, radiation protection clothing, etc.<sup>64</sup>

For the protection of your own health, shielding measures in apartments with visual contact to a mobile communications system are absolutely essential! Further information can be found at the sources given.

## 2. Damage to animals

Two examples may show that animals are also damaged by high-frequency radiation:

### a) Chickens

“We have irradiated chicken eggs in an incubator with microwaves of the strength below our current German threshold values and with this we have killed every embryo without exception!

Not a single chick has hatched, not a single one has survived the radiation. From the control group, which was not irradiated, healthy animals hatched without exception. Electromagnetic fields must be evaluated much more seriously than before.”

Prof. Dr. Dr. Andras Varga, Institute of Hygiene at the University of Heidelberg (1991)<sup>65</sup>

### b) Electromagnetic radiation and bee mortality



The 80% decline in the bee population observed in Europe is alarming.<sup>66</sup> Studies also show that the number of insects has fallen by up to 80% since the expansion of mobile communication.<sup>67</sup> An important cause for this is certainly electromagnetic radiation. Various scientific studies<sup>68</sup> have come to the conclusion that bees use the earth's magnetic field as well as their own electromagnetic fields for

navigation and communication. They are deflected by “unnatural” radiation (e.g. from mobile communications radiation), with the result that they

no longer find their way back to their hive.<sup>69</sup> The important thing about bee mortality is that bees are not only responsible for honey production, but also for pollinating over 90 vegetable and fruit varieties.<sup>70</sup>

*“If the bee disappears from the surface of the earth, man would have no more than four years to live.”* (Albert Einstein)

### 3. Damage to plants

On the basis of numerous photo documentations it can no longer be denied that the radiation from transmitter masts severely damages trees.<sup>71</sup>

The following picture is a good representative of many of the picture proofs:



The former television transmitter was equipped with several mobile communications antennas: if trees could speak, the transmitters would have to be switched off immediately.

**Conclusion: High-frequency electromagnetic radiation causes considerable damage to the lives of humans, animals and plants. Since this is not caused by heat stress, only biological processes can be the cause.**

Since damage to animals and plants has also been proven, the argument that damage to humans is psychologically caused is impressively refuted!

**In the following chapter,  
this conclusion is confirmed by practical case studies.**

## V. Case examples

The following case examples (a selection from thousands of cases) did take place far beyond the currently valid thresholds!

### 1. The “radiating” church tower

In 2001 two mobile communication transmitting stations were put into operation on the church tower in the center of the town Herlikofen near Schwäbisch Gmünd. Since then, as a result, more and more diseases have occurred: heart problems, strokes, insomnia, leukemia and numerous cases of cancer. Many citizens fled and moved away. Countless letters from affected citizens were ignored by the church leadership and have remained unanswered.<sup>72</sup>



Church tower of Herlikofen (photomontage)<sup>73</sup>

### 2. Farm tragedy

At the end of 1997, a T-Mobile communications antenna was installed next to Friedrich Stengel's farm in Öttingen/Bavaria (Germany). Already in 1998, the swallows and migrating birds did not return.

With an average cow stock of only 10 cows, the following damage occurred until November 2010: catastrophic blood counts of the cows (like with cancer patients under radiation therapy), 25 cows died due to a weak immune system. In total, there were early terminations or stillbirths in the third or fourth month. The damage: approx. 70.000 €. An official veterinarian could not find a cause and came to the result that only the radiation exposure could be considered as trigger. The contact with the Bavarian Ministry of Environment remained unsuccessful and finally ended with the words: “Every stamp is a waste, you can save telephone costs – case closed! For us you are dead!”<sup>73</sup>

In a similar case in Austria, the transmitter was taken out of service. After a short time, all the symptoms disappeared, and the mobile transmitter could be identified without a doubt as the cause.<sup>74</sup> The scientists involved in the

so-called “cattle study” Prof. Löscher, Prof. Klee and Dr. Wenzel, warn: “We are dealing with a dangerous story. There is a connection between mobile electromagnetic radiation and the behavior of the cattle”<sup>75</sup>.

### 3. Electrosensitive

According to their own information, about 9% of children and adults in Germany classify themselves as “electrosensitive”.<sup>76</sup> However, the number of unreported cases is probably much higher. In Sweden, it is already assumed that 30% of the population is electrosensitive.<sup>77</sup>

Ulrich Weiner is highly electrosensitive. He started with radio technology at the age of ten and passed his amateur radio exam at the age of 14. At the age of 16 he began his training as a communication electronics technician. After passing the exam, he started his own company for mobile communications technology. At the age of 25, the first health problems appeared. In the beginning there were concentration disturbances after telephone calls with the mobile phone, these were increasingly massive until in 2002 when a larger breakdown of the central nervous system followed. Since then, Uli Weiner has been suffering from electro-sensitivity. Today he can only survive in the forest in “dead-zones” that are free of mobile radiation. Many breakdowns and medical tests have shown **that he would not survive a permanent radiation of  $1\mu\text{W}/\text{m}^3$** . So Uli Weiner is living proof of the biological effect of mobile radio radiation. He writes: „I use my remaining energy to educate children and adolescents about the danger of electrosmog. Because the greatest danger is that the electromagnetic irradiation eludes our senses and damage only occurs many years later.”<sup>78</sup>

It was also possible to prove by measurement that mobile radio radiation



can have a direct influence on heart activity. An experiment by Uli Weiner with a Lama proves this. The higher the radiation, the higher the increase in cardiac activity, both with Uli Weiner and with the Lama.<sup>79</sup>

A Canadian double-blind study confirms the experiment. This proves that electro-sensitivity is not psychologically induced and that

the radiation also has an effect on animals.<sup>80</sup>

#### 4. “This is murder!”

On February 19<sup>th</sup>, 2002, the German newspaper Neues Deutschland (New Germany) reported (shortened version):

Massive increase of cancer, leukemia, strokes, immune deficiencies, cardiovascular and neurological disorders. Citizens’ initiatives fight against radiation exposure.

The health damage caused by base stations for mobile communications such as the damage of brain cells and the genetic material as well as blood count changes are well documented, said the nuclear physicist and current EU member of the ÖDP, Prof. Klaus Buchner at a protest rally this weekend in Coburg. Referring to the thresholds for mobile phone radiation being too high, Buchner emphasized: This is murder. People are going to die of this. As a measure to protect life it is necessary to punish those responsible for these human rights violations.

In Valladolid, Spain, 36 cell phone antennas near a school were shut down by court order. Physicians had recognized them as the possible cause that within a very short time four students were suffering from cancer (in the meantime there are 13 cases of leukemia). Mass demonstrations and judicial shutdown orders were the result. (The “Bürgerwelle” reports that civil protests in Spain led to the closure of 2,000 mobile stations.)<sup>81</sup>

#### **Conclusion:**

**Scientific studies, damages to people, animals and plants as well as case studies from practice clearly demonstrate that the risks due to the mobile phone transmitters’ microwave radiation does not derive from thermal effects, but from biological processes. The legal thresholds are therefore an obvious deception of the population!**

#### **Mobile phone lobby and politicians openly admit threshold fraud!**

In a SWISSCOM AG patent application regarding the “Reduction of electrosmog in wireless local networks (WiFi)” the mobile phone operators acknowledge that the damage inflicted to the human blood cells’ genetic material by irradiation with electromagnetic fields **is clearly proven** and that there are indications of an increased risk of cancer.<sup>82</sup> So, even the mobile network operators confirm the radiation’s biological effect!<sup>83</sup>

After the US Embassy in Moscow was irradiated with microwaves by the Soviets for many years far underneath the legal thresholds, the former US Secretary of State Henry Kissinger wrote as early as 1976:

“The Soviets believed that these effects would be temporary. In the meantime, however, it has been **proven beyond doubt** that they are not temporary. Radiation is **definitely** related to: A) cataracts\*, B) changes in the blood count, C) malignant tumors, D) circulatory system problems and E) disorders of the nervous system. In most cases, these after-effects occur only long after exposure – ten or more years later ...” So Kissinger as well confirms that the biological effects below the legal thresholds have been **proven without a doubt**.<sup>84</sup>

So, if the evidence is so obvious, one more question needs to be asked:

**Why is there no immediate action taken to protect the population?**

## **VI. The ignorance of the authorities**

The case reports mentioned here make clear that the affected victims do not receive help from the authorities or the government. These are no isolated cases, as the association for the protection against electro-smog Stuttgart reported: “Even investigations by physicians are ignored. In May 2007, Kempten general practitioners handed over a comparative investigation to the local health authorities. Based on blood counts this investigation has proven that around local mobile base stations the resident’s Melatonin and Serotonin level sinks significantly. This report was ignored. In Bavaria, there was a confrontation with a representative of the health authorities: Dr. Hartmann was asked by affected persons why the public health department refuses to conduct such examinations. He stated that by an administrative decree the Bavarian government prohibited public health officials from acting on reports about health problems related to mobile base stations. It was forbidden by the state government to carry out official medical reports ...

But the ignorance goes even further. In 2006, a delegation of doctors handed over a 700 (!) page documentation of radiation-related cases of illness to the Federal Office for Radiation Protection (BfS). To the present day, this has not been pursued, and excused by predictable claims.”<sup>85</sup>

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\* opacity of eye lens



Approx. 2,000 people demonstrate against the expansion of the mobile network.

On September 17<sup>th</sup>, 2009, the parliamentarian Dr. Splett posed a brief question in the Landtag (state parliament) to the Minister of Employment and Social Affairs of Baden-Württemberg: “How does the state government react to the need for protection zones of electro-sensitive people?”

The answer from Minister Dr. med. Monika Stolz: “The currently used communications technology poses no threat. At best, the people affected might have a psychological problem.”<sup>86</sup> This answer is like a slap in the face for thousands of electro-sensitive people and led to a demonstration in Stuttgart (see picture above).

The minister’s statement is fully in line with statements of the brochure “The Counterfeiters”: “Preventive healthcare becomes organized irresponsibility. The health authorities simply refuse to address the topic. And because a legal ordinance (26<sup>th</sup> BImSchV) states that you won’t get ill below the legal thresholds, you can’t get ill. It’s just enacted that way. A citizen becoming ill in discordance with this decree doesn’t fit the order; he will be labelled a hypochondriac-liar or mentally disturbed. (See claims by the Department of Health). This way you can dispose of reality.”<sup>87</sup>

Concerning the public services, the authors elaborate: “The local politicians are kind of law enforcement officials who are allowed to justify the installation of mobile masts with serious faces ... The government has determined the purpose, the officials do not have to understand it, just carry it out. And if



the government politically changes the definition of UMTS for a 50 billion Euro license fee, then the money contributes to the recovery of the public finances. This threshold is absolute – it also limits the thinking!”<sup>90</sup>

The brochures “The Counterfeiters” and “From subtle falsification to scientific crime”<sup>88</sup> impressively prove that research papers were deliberately falsified by both the Federal Office for Radiation Protection and the Federal Government. Furthermore, research projects were impeded, delayed, silenced or simply ignored. Whoever opposes this is slandered or simply has a “psychological” problem (see above).

Prof. Dr. Franz Adlkofer, M.D., head of the REFLEX study and thus an insider, notices in a similar context: “The closest thing to the truth might be the assumption that [even] the Federal Office for Radiation Protection had its hands bound on instruction from higher levels.”<sup>89</sup>

Under no circumstances, may the people hear about the dangers of high frequency pulsed mobile radiation: Mobile communications – the concealed danger!

**Why is it that the people must not be informed about this danger?**

## **VII. The Power of the Lobby**

### **1. The influence on politics**

In an interview with the TV magazine “Frontal 21” of the German TV channel ZDF (from June 6<sup>th</sup>, 2006), the former German Health minister, Horst Seehofer, confirms for the first time:

“The pressure of the pharmaceutical lobby was just too strong.”

**Frontal 21:** Does this then mean that the lobby really was that strong – the pharmaceutical lobby against politics? So that you [as health minister] had to back off?

**Horst Seehofer:** Yes, that’s how it is. For 30 years until now, structural changes in the sense of a more social market economy in the German health care system have not been possible because of the resistance of the lobby associations ... I can only describe to you that it is so, and that it is done that way, and it is very effective.

**Frontal 21:** But it can’t be that the industry is stronger than the government. As lastly the government must be able to say: No. this can’t be.

**Horst Seehofer:** Well, yes, I cannot deny that.

In another interview on German TV (ARD, May 20<sup>th</sup>, 2010), Mr. Seehofer confirmed this statement in other words “Those, who decide are not elected and those who are elected, have nothing to decide.”

Those who listen to their intuition will feel that Horst Seehofer has spoken the truth in these interviews, and that the following statement hits the bull's eye with regard to the mobile communications problem:

“Welcome to the industrial dictatorship Germany! Make your doctor and the pharmaceutical companies rich. Buy cordless DECT in-house telephone systems! Possible DNA breaks, cell death, autoimmune diseases (inflamed tissues and organs), possibly cancer, ...”<sup>90</sup>

Mobile communications and pharmaceutical lobby make the decision: The health of the population is sacrificed on the altar of greed for profit. “Die Fälscher” (The Counterfeiters): “Considering these facts, you have to realize: The question of health hazards caused by the new communication technologies is not a scientific debate, but a contrast between the economic interests of an industrial sector and the State on the one hand, and the health interests of the population on the other.”<sup>91</sup>

## **2. The influence on science**

Prof. Erich Schöndorf was a prosecutor in a trial about a wood-preservative agent, and therefore is an insider: “Numerous experts simply falsely assess. They are not wrong, they are lying. And they lie cunningly, always in favor of the economically more powerful, the company, the corporation, the manufacturer, involved in the process. But never to the benefit of the sick plaintiff ... What the experts do is not a friendship service, but part of a business: falsehood for cash ... For this the companies get their wish: favorable expertise. And they get it, otherwise the business relationship would be endangered.”<sup>92</sup>

Prof. Peter Semm was doing research work for Telekom for many years. In an interview with the newspaper Schwäbische Zeitung, Prof. Semm makes clear: „It is assured that, in addition to the heating, as in a microwave oven, there are also other [biological] effects of pulsed electromagnetic radiation, like those that cellular phones emit ... Unfortunately, I was not allowed to publish the results of my study at that time.”<sup>93</sup> Bürgerwelle e.V. (German civic association) concludes from Prof. Semm's investigations:

**Telekom knows from its own tests that health disorders appear far underneath the valid thresholds, but publicly states that the limits are safe.**<sup>94</sup>

In plain language, this means: The mobile operators **knowingly** cause damage to the health and life of the population in pursuit of profit. This is intentional bodily injury and thus crime in the highest possible degree.

“A business enterprise cannot have morals.” (Telekom spokesman Dr. Volker Bökelmann)<sup>95</sup>

The journal “Naturarzt” (Natural Physician, 12/2007 edition), also reported: “Scientists who have researched on behalf of the industry and published alarming results have been defamed, threatened, and dismissed.”

The authors of the brochure “Die Fälscher” (The Counterfeiters) summarize: “These are just a few examples of the mobile communications industry playing hardball and fighting with subtle methods for the image of its products, deceiving the public about the dangers. Existing studies are being falsified, research is being prevented, the public is being confused by courtesy expertises. This is criminal because it prevents the protection of health and the information of the population. More than half of the mobile communications research is paid by the mobile communications industry. And they are looking for people they trust. However, anyone who believes that the State provides sufficient control and promotes independent scientists, as it would be required to do, deceives himself.

### **Via Telekom, Deutsche Bahn and the development of a TETRA network, the State itself is a mobile communications entrepreneur.**

This is also confirmed by a recent report by the Monopolies Commission.<sup>96</sup> It has sold itself and the health of the population for 50 billion UMTS licensing fees, has made the construction legislation “less bureaucratic”, has eased the safety tests, and forced its authorities into line: Free path for the “proliferation of mobile communications antennas”.<sup>97</sup>

### **3. Influence on the media**

Most of the major scientific newspapers and the big media publish almost only reports that give the impression that all is fine.<sup>98</sup>

Marc Lutz, an advertising-film student, tested it out for himself and wrote an exposé for a documentary on radiation damage caused by mobile communications. He offered the story to leading TV stations and well-known magazines. Reactions included “Great topic. But have you also considered who pays the commercials at our station.” He had to learn that radiation damage from mobile communications is a taboo subject for the media. This is why the author Uwe Krüger finally called his article: “Silence about radiation damage”.<sup>99</sup> In the case “Tragedy on the farm” described in Chapter V, “Spiegel TV” filmed at the local farmer’s house. What was filmed on the farm, however, was never broadcasted.<sup>100</sup>

When DNA strand breaks were proven by the REFLEX study, this scientific work was discredited among others by DER SPIEGEL through an unprecedented slander campaign against the leading professor. The journalist Tina Göbel uncovered this personal character assassination after extensive research in her article “Strahlenschmutz” (radiation dirt).<sup>101</sup>

#### **4. Influence on the judiciary**

The following court rulings raise the question of whether the judiciary is already caught in the clutches of the mobile communications lobby.

Administrative Court in Bern, Switzerland: “The population has no right to a zero risk, threshold values only serve to keep the damage within reasonable limits.”

Swiss Federal Supreme Court: “Threshold values are not to be determined according to medical aspects, but according to economic affordability and technical feasibility!”

The European Court of Human Rights: “It is entirely at the discretion of governments if they prefer a fully developed, perfectly functioning mobile communications network to public health!”<sup>102</sup>

On the other hand, however, it is unmistakable that there is an “incorruptible residual justice” which has delivered groundbreaking judgments, see among others the judgments in Italy.

The fact that the mobile phone lobby moves on very thin ice and stands with its back to the wall is shown by a current, historical judgment of the Administrative Court of Lazio, Italy, delivered on November 13<sup>th</sup>, 2018 and published on January 15<sup>th</sup>, 2019:

The court sentences the Ministry of Environment, Health and Education to inform about the risks and dangerousness of mobile media.

After 15 years of silence about the dangers of mobile communications, the sentenced authorities must now inform the general public “honestly, comprehensively and understandably” within six months.<sup>103</sup>

In the USA, the largest compensation lawsuit in history is pending. On July 14<sup>th</sup>, 2011, Judge Frederick H. Weisberg ruled that the entire industry association be brought to court. In the verdict of August 8<sup>th</sup>, 2014, the mobile communications industry was defeated because the court found that it was very likely that mobile phone calls could cause cancer. Each individual case is to be brought before a jury court, with one of the charges being “conspiracy”.<sup>104</sup>

As a result, the mobile communications industry, which generates annual sales of around 17 trillion USD worldwide<sup>105</sup>, is on the brink of collapse because no insurance company is willing to insure mobile communications companies against the risk of radiation damage.<sup>106</sup> Insurance cover is otherwise only refused for nuclear power plants and agro-genetic engineering!<sup>107</sup>

These examples show that the mobile communications lobby does not want the public to be fully informed about the dangers of this microwave radiation. It controls science, the media, politics and presumably even part of the judiciary.

**What will the “mobile communications future” look like then?**

## **VIII. 5G The quantum leap into global microwave irradiation!**

### **1. The quantum leap in mobile communication**

5G stands for the 5th generation of mobile communication. After the analog network (1G), GSM (2G), UMTS (3G) and LTE (4G), the mobile communications industry now wants to set up the 5G network in a hurry. By the end of 2022, 98% of all households in Germany are to be connected.

According to Achim Berg (President of the Bitkom industry association) “Germany would have to be aggrandized [for this purpose] with mobile communication antennas at intervals of one kilometer and excavated or milled up in a chessboard-like pattern.” And almost 800,000 (!) mobile communication antennas would be necessary for nationwide coverage (ARD News from 26.11.18). Currently, there are about 70,000 mobile communication antennas in Germany.<sup>108</sup> Whoever believes that the step up from 4G to 5G is just a next step, comparable with the step from 3G to 4G, succumbs to a huge error.

**The introduction of 5G is a quantum leap!  
5G is the most serious intervention mankind has ever made  
in nature in the entire history of humanity!**

5G will be 400,000 times more powerful than the GSM standard (2G) and over a hundred times faster than the current LTE standard (4G). The costs will be in the three-digit billion range!<sup>109</sup>

Since the first four generations have exhausted the transmission frequencies below 2.6 GHz (GHz), the operators also want to use frequencies up to 3.5 GHz, and later gradually even up to 100 GHz.<sup>110</sup> Above about 7 GHz,

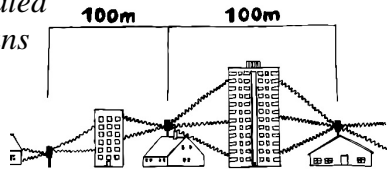
however, the electromagnetic waves shorten so much that their propagation significantly worsens. They can hardly penetrate a house wall anymore, and are weakened by many obstacles (e.g. leaves or even raindrops). This is why the mobile communications companies are faced with a major challenge.<sup>111</sup>

The following diagrams illustrate how the operators want to solve this problem using the example of the Swedish company Ericsson, which supplies base stations for the 3.6 and 28 GHz frequency ranges:

### 1. Omnipresent microwave antennas

***With 5G, everything will become different:***

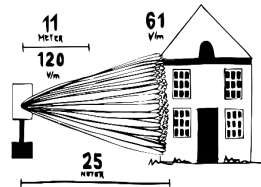
*Because of the difficulty of penetrating walls with 3.6 respectively to 28 GHz, 5G must be virtually radiated on every individual facade. This means that at least every 100 m, a mobile radio antenna must be installed, at as low a height as possible.*



### 2. Dramatic increase in transmission power

***Expected radiation exposure with 5G:***

*Up to now an antenna emitted 1 radiation club; for 5G there are 64 (8x8) radiation clubs per sector! The electric field strength in the safety zone now increases, up to a distance of 11m, to 38,200,000  $\mu W/m^2$  (= 120 V/m). After 25m the electric field strength is still 9,900,000  $\mu W/m^2$  (= 61 V/m).*



The diagram shows that 5G antennas radiate with a significantly increased number of radiation clubs, so that people are literally “beaten down”.

The private, industry-oriented association ICNIRP (see Chapter II) has once again raised its irresponsible and fraudulent limit-value recommendations, thereby making them “5G-compatible”! For the general population, these were raised from 9,900,000  $\mu W/m^2$  to 21,500,000  $\mu W/m^2$  without further ado!<sup>112</sup>

The new technology necessitates such a massive expansion of infrastructure as has never been seen before. For 5G, the operators have to install about 100 strongly radiating mobile communications antennas per square

kilometer. What a forest of antennas and what a “radiation tsunami”! Since these powerful 5G “microwave emitters” have considerably smaller dimensions than the previous mobile communications antennas, they can be installed almost anywhere, e.g. on street lamps, traffic signs, telephone and power poles, garage roofs, house corners, etc.<sup>113</sup>

Thus every square centimeter of the earth’s surface is to be covered with this new and unexplored microwave radiation by 5G (and among other things also by means of 5G satellites from space; see below). We will then all live “in a microwave oven” around the clock – because 5G is also microwave radiation!

***“The new mobile communications standard 5G will create a completely new radiation environment for flora and fauna. The radiation becomes more intense and more short-wave, thus 'harder' – it resembles a radiation weapon in its wave form and effect.”***

*(Prof. Dr. Werner Thiede)<sup>114</sup>*

The mobile communications lobby has chosen 5G expansion as a “way out of the technological Stone Age”.

However, doctors and scientists are sounding the alarm: it will mean infirmity and premature death for all life on the planet. So the question arises whether this path, which is praised as progressive, will not much more so lead us back to the Stone Age?

## **2. 5G: The frontal attack against all life on earth**

### **5G Microwaves and the consequences**

For 5G to have sufficient penetration depth – despite the short wave radiation – it takes up to a 1000-fold increase in transmission power.

**This exponential increase in forced irradiation is an irresponsible experiment on human health!**

As early as 2011, the WHO classified mobile communications as “potentially carcinogenic” and renowned scientists are calling for it to be classified as a level 1 “carcinogenic”.

This extremely short-wave, bundled radiation hits our skin like a laser beam and is absorbed so strongly there that the skin is even warmed!

The well-known physician Dr. Mercola explains: “This radiation (5G) penetrates one to two millimeters into human tissue and is equally absorbed by the surface layers of the cornea.”<sup>115</sup>

There are about two to four million sweat glands in our skin. These are “cooked” by 5G radiation because they attract the microwaves of 5G radiation like antennas. This is the conclusion of physics professor Yuri Feldman from the Hebrew University of Jerusalem. Together with his research team, he urgently warns that these health risks must be resolved before the introduction of 5G, otherwise mankind as well as flora and fauna will be exposed to a “gigantic, uncontrolled experiment”.

The damage to animals and plants already documented in this brochure will worsen dramatically, because plants, insects, and animals also absorb radiation.

Various Internet platforms report dramatic effects directly related to 5G testing or 5G transmitters already in operation. It is suspected that mobile communications radiation is the cause of the following damages:

- Groningen/NL: In January 2017, several herds of cows from five different farmers panicked simultaneously. At the same time, a 5G test is said to have been carried out.<sup>116</sup>
- Great Britain: Stillbirths, insomnia, and nosebleeds are reported to be directly related to 5G.<sup>117</sup>
- California/USA: Firefighters have reported neurological damage, including memory problems and bewilderment, which they attribute to 5G.<sup>118</sup>

## **Doctors and scientists sound the alarm**

Leading scientists, doctors and environmental protection organizations from all continents of the world warn against 5G in an urgent international appeal. The appeal “Stop 5G on Earth and in Space” is addressed to the United Nations (UN), the World Health Organization (WHO), the European Union (EU), the Council of Europe, and the governments of all nations.<sup>119</sup>

More than 180 physicians and scientists from 35 countries have signed a petition calling for a ban on the expansion of 5G technology until potential health risks have been clarified.<sup>120</sup>

Lloyd Burrell, a US expert on mobile communications radiation, warns: “Humans and animals depend upon plants as a source of food. Millimeter waves can result in food that is no longer safe for consumption. This is like gene food on steroids.”<sup>121</sup>

In an open letter dated August 28<sup>th</sup>, 2018, approx. 25 German physicians from the “Ärztarbeitskreis digitale Medien Stuttgart” (Doctors’ Working



Group for Digital Media Stuttgart) addressed the Federal Minister of Transport and Digital Infrastructure, Andreas Scheuer.<sup>122</sup>

The Israeli physician Dr. Yael Stein from the Hadassah Medical Center in Jerusalem warns the mobile communications industry: “It will be possible to prove a causal connection between 5G technology and these specific diseases. The persons concerned would thus be entitled to financial compensation.”

### 3. 5G: The surveillance network without an escape-hatch



In addition to the effects on the environment and on human health described in point 2, another crucial aspect should now be highlighted: 5G paves the way for a surveillance dictatorship of such an extent that not even George Orwell – in his worst fears – could have anticipated.

*Big Brother's eye sees every mobile phone user*

#### a) The Internet of Things (IoT)

Through a global microwave-antenna jungle and RFID microchips which are supposed to be implemented into everything – it will be possible for everything to be networked with everything, and everything to communicate with one another.

Tom Wheeler (ex-president of the Federal Communication Commission FCC\*): “Hundreds of billions of microchips, attached to products, from pill

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\* FCC is a US authority which rules the communication channels, radio, satellite and cable

bottles to lawn sprinklers. We must forget the idea that the 5G future will be only for urban regions. The 5G revolution will affect every corner of our country! [...] What can be connected, will be connected.”

Here are a few examples to illustrate this and show how people are also “deprived of self-determination” by this:

1. The car should drive autonomously.
2. The refrigerator reports when the milk bottle is empty.
3. The diaper announces the baby’s nature’s call.
4. The trash can announces when it is full, etc.

But it is not only about these supposed comforts, but likewise about the PC, the microphone and the camera of the computer and the associated surveillance system in our houses. The 5G network can see by way of the IoT into all houses, leading to a digital control of every person. This surveillance, however, does not only extend to residential areas, but 5G will also allow full surveillance of the entire landscape, because 5G has mobile networking capabilities. Every moving spot can be observed. Since the 5G connection is unimaginably fast, monitoring can take place with virtually no time delay.<sup>123</sup>

Our homes are meant to become “smart homes” and the cities “smart cities”. Everything is digitally networked by means of microwaves. This way we are caught in a net of microwaves which paralyze us spiritually, mentally, and physically.



In the current coalition agreement from February 7<sup>th</sup>, 2018, the German federal government stipulated that all cities should be converted to so-called “smart cities” with the help of 5G technology and WiFi.

Data protection was abolished with the following wording: “We aim to anchor the free movement of data as the fifth dimension of free movement.”<sup>124</sup>

In the course of this “digitalization madness” money too has to become digitalized. This means that citizens are to be convinced with threadbare arguments that cash is “outdated” (cash abolition).

When EVERYTHING is digitalized and the 'Internet of Things' is networked with the real world, then complete control over every single person will be possible!<sup>125</sup> This is why 5G is paving the way to a “surveillance dictatorship” the extent of which not even George Orwell could have anticipated.

## **Conclusion:**

**5G is the way into “digital madness”!**

### **b) 5G from space**

In addition to the construction of the 5G network on earth, there will soon be a satellite-based 5G network from space. At least five companies intend to launch at least 20,000 satellites into earth orbit – about ten times the number of satellites currently orbiting the earth by all operators. The 5G satellites are located in the earth’s magnetic field and thus have a significant influence on the natural electricity of the atmosphere.<sup>122</sup>

Observations<sup>126</sup> have already provided evidence that the approximately one hundred satellites that have been providing 2G and 3G telephone services from near-earth orbits since 1998 have serious implications for humans and animals.

**Through 5G satellites from space and omnipresent microwave antennas on earth, electro-sensitive people (9% of the population! see above) are deprived of any basis for life on the earth's surface, as there will no longer be any radio-free recreation areas!**

International scientists and doctors therefore call in their appeal (see above) for a ban on 5G satellites in space.<sup>127</sup>

### **4. 5G: The military super-weapon**

Although microwaves were introduced into everyday life to warm up our food, they were originally invented by the military. Microwaves were developed as a weapon and are also used as such, e.g. to switch off the opponent's electrical systems or to render the opponent incapable of action.<sup>128</sup>

At the beginning of this century, the US military tested the so-called “Active Denial System” (ADS), a non-lethal anti-personnel radiation weapon, on 13,000 people. It works with 95 gigahertz frequency microwaves that can be

directed at human or other targets at a distance of more than 500 meters. The high radiation energy penetrates only 0.4 mm deep into the skin and heats the water molecules in the skin within seconds to approx. 55 degrees Celsius, which is perceived by the attacked person as a pain stimulus and motivates them to flee.<sup>129</sup>

A microwave technology that is highly harmful to health, which has already been used as a military energy weapon, is now to be used for communication by 5G. The governments of the world are thus playing with the future of life on earth in a ruthless manner.<sup>130</sup>

In this context, it should be noted that in Palm Beach, Florida – the homes of President Trump and multi-billionaire Bill Gates – 5G antennas may not be installed without permission, although this is permitted by law throughout the state of Florida.<sup>131</sup>

*Here is an example that shows that electromagnetic waves were deliberately used as a weapon by governments long before 5G:*

– Between 1962 and 1979 the American Embassy in Moscow was irradiated with microwaves by the Russian government. When several employees of the embassy fell seriously ill and the USA protested, the Soviets argued that microwave limit-values were 10,000 times higher than the irradiation. A third of the employees eventually died of cancer because of this microwave irradiation.<sup>132</sup>

The Soviets knew about the biological effectiveness of radiation far below the limits.

The English scientist Tim Rifat, who researched microwave weapons stated: “The Soviets used the frequencies and intensities used in cellular telephones, 1,800 MHz and 900 MHz, (frequency of our current GSM network!) as weapons. It is a rule of the secret services to hide something in the open: getting the population to accept microwave mind-control weapons that influence their behavior under the cover of mobile telephones was a stroke of genius. That people even pay for these mind-control devices, so that their brains and behavior can be damaged to make them more easily controllable and compliant, is a diabolical genius.”<sup>133</sup>

If the military has used precisely these frequencies, which we use today for telephoning, as a military weapon for consciousness control, the question arises as to whether the same frequencies were chosen “randomly”?

**What can we do?**

## **IX. The other side of the coin**

Both the unscrupulousness of the mobile phone operators and the deliberate disregard by the authorities have now been sufficiently demonstrated. Each coin, however, has two sides: on the one hand, we cannot pillory the “evil” mobile communications lobby while, on the other, we are unwilling to make a small sacrifice – simply to do without the mobile phone. Uli Weiner sums it up: “This technology is an attack on the family, it is an attack on life. There is only one way to face this: that is consequent and absolute renunciation, there is no other way!”<sup>134</sup>

Each individual contributes, through his or her behavior, to a huge overall problem. Mobile telephoning is not a private matter, because one damages not only oneself, but also one’s environment. More dangerous than passive smoking is passive telephoning!

Every single mobile phone user ensures through his behavior that more and more masts are built. Mobile networks and health protection are irreconcilable contradictions.

There is no neutrality, no “golden middle course” on this issue. Anyone who remains passive and makes calls, automatically supports the machinations of the mobile phone lobby. Whoever remains silent, agrees!

The final consequence comes upon each individual. As a ton of weight is made of the aggregate of a million individual grams, so the mobile communications catastrophe is made up of the behavior of many individual users together.

## X. Summary

It was revealed that the valid threshold values for pulsed electromagnetic mobile radio waves are an obvious deception against the people.

**The threshold values do not protect us – they deceive us!**

The damage to humans, animals, and plants shown above proves that this technology is directed against life, and must therefore be rejected until a harmless alternative has been found.

The legal situation is an injustice!<sup>135</sup> The forced irradiation of the entire population was legalized by the power of the lobby and is now tolerated by the authorities.

It must no longer be permitted that mobile communications radiation be utilized, until the harmfulness has been “clearly, scientifically” proven or disproven, because otherwise this diametrically contradicts the legally prescribed precautionary principle!

Dr. med. Gerd Oberfeld, Health and Environmental Medicine Officer of the Salzburg State Government, aptly illustrates this: 150 years ago in London, it was discovered that serious intestinal illnesses with fatal consequences accumulated near certain wells. The wells were closed – and indeed infections immediately decreased. It was not until 30 years later that Robert Koch discovered the pathogen responsible for cholera, then it took another 70 years to understand the exact mechanism. Oberfeld sees an immediate need for action because he estimates that, already today, more people are damaged or even killed by mobile communications than by traffic accidents or air pollutants.<sup>136</sup>

For this reason, a reversal of the burden of proof is necessary: The industry must prove the harmlessness of its products (microwave radiation)!

**Erik Huber**, consultant for environmental medicine at the Vienna Medical Association: “If pharmaceutical drugs were to deliver the same test results as mobile communications radiation, they would have to be taken off the market immediately.”<sup>137</sup>

The legalized continuous irradiation of the population is a ticking time bomb! The effects of permanent electrosmog to children and adolescents are particularly worrying, as long-term damage has not been sufficiently researched. It is an experiment that will cause serious damage to the health of an entire generation.

The introduction of 5G – resulting in hundreds of thousands of new antennas, and an exponential increase in radiation – would constitute a massive violation of the right to physical integrity, guaranteed in German basic law!

## **Concluding Remarks**

The extent of the damage caused by this technology has shocked me deeply. Almost every citizen is affected – consciously or unconsciously!

Since people are not warned of these dangers by the mass media, I was urged to write this information brochure. It is supposed to be distributed to all citizens, because everyone has the right to free and independent information.

But this brochure is also addressed to mobile communications operators, so-called scientists, politicians and the media, who persistently deny, cover up, ignore and conceal these facts:

Each of them will be held accountable for their irresponsible actions, because every fraud and every lie cannot remain hidden in the long run.

This brochure is therefore an urgent appeal to the judiciary to prosecute those responsible who are guilty of causing damage to the life and limb of citizens.

***“Even if the financial and social costs that a restriction of such devices would entail would be substantial, they are nothing compared to the cost of human lives if one did nothing and realized in thirty or forty years that the first signs were pointing in the right direction.”***

*US Judge Frederick H. Weisberg on August 8, 2014 in the pronouncement of judgment in the largest mobile phone compensation lawsuit*

***When the first rays of the sun break through in the morning,  
the night is quickly over, for the light of the sun  
is stronger than the darkness of the night!***

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<sup>117</sup> [www.radiationdangers.com/5g/5g-street-lamps-causing-insomnia-nose-bleeds-and-stillbirth/](http://www.radiationdangers.com/5g/5g-street-lamps-causing-insomnia-nose-bleeds-and-stillbirth/) | [www.youtube.com/watch?v=FFwsZLO-h-o](https://www.youtube.com/watch?v=FFwsZLO-h-o)

<sup>118</sup> <https://snap4face.com/feuerwehrleute-erleiden-neurologische-schaeden-nach-kontakt-mit-5g-mobilfunkmasten/>

<sup>119</sup> [www.5gspaceappeal.org/](http://www.5gspaceappeal.org/)

<sup>120</sup> S&G Nr. 43/2018 | [http://kompetenzinitiative.net/KIT/wp-content/uploads/2017/09/Scientist\\_5G-Appeal\\_de\\_sept\\_2017.pdf](http://kompetenzinitiative.net/KIT/wp-content/uploads/2017/09/Scientist_5G-Appeal_de_sept_2017.pdf)

<sup>121</sup> [www.zeitenschrift.com/artikel/5g-mobilfunk-globaler-mikrowellenherd-ohne-entrinnen](http://www.zeitenschrift.com/artikel/5g-mobilfunk-globaler-mikrowellenherd-ohne-entrinnen)

<sup>122</sup> [www.kla.tv/13229](http://www.kla.tv/13229)

<sup>123</sup> <https://www.youtube.com/watch?v=jE4uaGdwnAs>

<sup>124</sup> S&G Nr.43/2018 | [www.diagnose-funk.org/publikationen/artikel/detail&newsid=1280](http://www.diagnose-funk.org/publikationen/artikel/detail&newsid=1280)

<sup>125</sup> <https://globalundergroundnews.de/the-5g-beast-system-memo/>

<sup>126</sup> [www.cellphonetaskforce.org/planetary-emergency/](http://www.cellphonetaskforce.org/planetary-emergency/)

<sup>127</sup> [www.5gspaceappeal.org/](http://www.5gspaceappeal.org/)

<sup>128</sup> <https://de.scribd.com/document/69768980/Strahlenfolter-Mikrowellen-Waffen-Tg140-vortrag-muntzert>

<sup>129</sup> [https://de.wikipedia.org/wiki/Active\\_Denial\\_System](https://de.wikipedia.org/wiki/Active_Denial_System) | [www.youtube.com/watch?v=jF4AZs4Hyw](https://www.youtube.com/watch?v=jF4AZs4Hyw)

<sup>130</sup> [www.5gspaceappeal.org/the-appeal](http://www.5gspaceappeal.org/the-appeal)

<sup>131</sup> S&G Nr. 43/2018 | <https://alles-schallundrauch.blogspot.com/2018/09/trump-und-gates-wollen-keine-5g.html>

<sup>132</sup> [https://gigaherz.ch/media/download/050921\\_EMF\\_SchweizerAerzteschaft\\_003.pdf](https://gigaherz.ch/media/download/050921_EMF_SchweizerAerzteschaft_003.pdf) | [www.youtube.com/watch?v=wx37HnFA5ic](https://www.youtube.com/watch?v=wx37HnFA5ic)

<sup>133</sup> <http://www.mikrowellenterror.de/forum/read.php?84,3428,3428>

<sup>134</sup> [www.anti-zensur.info/azkmediacenter.php?mediacenter=topic&topic=1&id=38](http://www.anti-zensur.info/azkmediacenter.php?mediacenter=topic&topic=1&id=38)

<sup>135</sup> Broschüre der Bürgerinitiative gegen Mobilfunk Stuttgart: „Mobilfunk – Acht Behauptungen, die wir nicht mehr glauben“

<sup>136</sup> <https://ul-we.de/wp-content/uploads/2019/02/050201-Beobachtungen-eindeutig-Mobilfunk-ist-gesundheitssch%C3%A4dlich.pdf>

<sup>137</sup> [www.youtube.com/watch?v=k-FJoMBLISU](https://www.youtube.com/watch?v=k-FJoMBLISU)

## For distribution

Only free copies and screenings of these products  
are permitted and encouraged

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### **KLA.TV: Broadcast Series on 5G / Mobile Communication:**

[www.kla.tv/5G-MobileCommunication](http://www.kla.tv/5G-MobileCommunication)

To receive regular news on the development  
of 5G and activities in your region contact:  
[vac@infopool.info](mailto:vac@infopool.info)

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### **Documentary film: “Mobile communication – the hidden danger”**

[www.kla.tv/13242](http://www.kla.tv/13242)

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**Brochure: “Mobile Communication – the hidden danger”**  
is available as download:

[www.kla.tv/MobileCommunicationDanger](http://www.kla.tv/MobileCommunicationDanger)

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**Feature film:** Our recommended feature film on the topic  
of Mobile Communications: “Karma – I’m coming back”

[www.panorama-film.ch](http://www.panorama-film.ch)

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### **Further Cooperation Possibilities:**

[en.anti-zensur.info](http://en.anti-zensur.info)

[www.s-und-g.info](http://www.s-und-g.info)



[www.kla.tv/en](http://www.kla.tv/en)



[en.anti-zensur.info](http://en.anti-zensur.info)



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The exposure to electrosmog from mobile communications antennas, cordless DECT phones, wireless local area networks (WiFi) and mobile phones has increased dramatically in recent years.

This brochure reveals in concise format:

- how the population is being maliciously deceived by the setting of threshold values.
- that the dangers posed by electromagnetic radiation are far more threatening than we believe.
- how frightening and shocking the extent of the damage already is to humans, animals, and plants.
- that the new generation of mobile communications, 5G, is the most severe human intervention into nature that has ever happened in human history.
- that it is an unprecedented scandal that both the mobile phone lobby and the responsible authorities knowingly conceal the dangers and willingly accept serious illnesses of the population.

***The active involvement of each citizen is needed more than ever, because there is only a little time left to avert the upcoming "MOBILE-PHONE WORST CASE SCENARIO".***