By P Gosselin on 4. March 2016

Dr. med Johannes Mayer made a presentation on the serious hazards of infrasound (1 – 20 Hz) from wind turbines saying: “It is unbelievable the flood of international scientific publications that has appeared over the last one and half years.” In the presentation Mayer cites “120 scientific papers” confirming the hazardous impacts of infrasound on human health.

Bogus claims infrasound is safe
Mayer blasts the lobby-backed claims (based on measurements taken by unsuitable instruments) that infrasound generated by wind turbines is harmless to humans and wildlife and presents a number of studies showing how the very opposite is true.

At 7:35 Mayer tells the audience that 5 years ago he also used to believe that infrasound was not a real factor for anyone a kilometer or further away from the source. But after having researched the new literature on the topic he concluded that infrasound is a serious factor on the health of humans even at far greater distances.

At the 8:20 mark Mayer explains how infrasound acts on the human inner ear and interacts with the brain, and the serious effects it can have on the human organs, citing a study from medical journal Lancet. “It’s confirmed by numerous scientific papers,” Mayer tells the audience. At 9:15 Mayer presents:

The short term effects on infrasound
– pressure in the ears
– anxiety feelings
– dizziness
– exhaustion
– tiredness in the morning
– respiration disturbance

Also experiments have been done on animals, and results show profound impacts on their physiology and health, ranging from changes in hormone levels
and immunological parameters to damage to lung tissue, Mayer shows. At 10:08 he presents:

**The long term impacts of infrasound**
- chronic respiratory disorders
- chronic stress and sleep disorders from higher stress hormone levels
- emotional disorder, depression, burnout
- high blood pressure, heart disease

**And the symptoms of infrasound illness:**
- depression
- irritability
- tension
- headache
- mental and physical exhaustion
- concentration and sleep disorders
- noise sensitization

All of this is caused the constant low pressure waves acting on the inner ear and fooling the body into thinking it is in motion when in fact it is not. Infrasound interferes with the body’s natural biorhythms. Mayer concludes this results in infrasound from wind turbines being “a problem to be taken very seriously”.

**Especially dangerous for pregnant women**
At the 15:50 mark Mayer reminds the audience that even European officials issued directives regulating infrasound and pregnant women, writing that “they should not perform activities that could generate strong low frequency vibrations because they could increase the risk of a miscarriage or premature birth.” Mayer emphasizes that the effects of infrasound are not something imagined in people’s heads, but are in fact very real. It is even diagnosed as an illness by doctors.

**“Turbines should not even be in sight”**
Mayer blasts wind-turbine German government agencies for their refusal to acknowledge the very real health facts and for blindly following everything the wind lobby tells them. He cites medical expert Dr. Reinhard Bartsch of the Friedrich Schiller University in Jena (20:35):
From today’s level of knowledge wind turbines should be placed only far away from residential areas, and better: they should not even be in sight.”

At the 21-minute mark Mayer presents major publications on infrasound. Studies by Thorne and Salt show that up to 40% of people are sensitive to infrasound and that the health of these people who live near wind parks is “considerably and seriously affected (injured) by this noise”.

Finally, a Canadian review of 62 scientific publications appearing in the Canadian Journal of Rural Medicine concluded that industrial wind turbines have “negative health impacts” on people who live in their vicinity.

Mayer praises regulations on distances from homes in Canada and New Zealand, which restrict the construction of wind turbines to 4 and 3 km away respectively.