

**Open Letter to the members of the panel developing the WHO Environmental Noise Guidelines for the European Region.1.**

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Marco Paviotti.  
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Kerstin Persson Waye.  
Anna Preis.  
Stephen Stansfield.  
Martin van den Berg.

Ladies and Gentlemen,

We understand that you are currently in the process of developing the WHO Environmental Noise Guidelines for the European Region as a regional update to the WHO Community Noise Guidelines. We also understand that:

1. The new Guidelines will be based upon a review of evidence on the health effects of environmental noise in the light of significant research carried out in the last few years.
2. The guidelines will review evidence on the health benefits of noise mitigation and interventions to decrease noise levels.
3. The evidence will be systematically reviewed to assess likely effects such as: sleep disturbance, annoyance, cognitive impairment, mental health and wellbeing, cardiovascular diseases, hearing impairment and tinnitus and adverse birth outcomes.

One of the sources of noise you are investigating is that from wind turbines which was not addressed in previous guidelines.

We welcome your review because, despite mounting anecdotal and academic evidence, for too long mitigation against adverse health effects following the construction of wind turbines has been absent from planning guidelines and **noise pollution regulations** in many European countries, especially **with respect to sound below 200 Hz.**

There is a pressing need for new guidelines to encourage governments better to safeguard the health of their citizens.

You will be aware that these problems are not confined to Europe. Neither are they confined to human beings.

We are hopeful that your deliberations will result in tough new European guidelines which in turn will prompt a serious worldwide examination of all aspects of this problem, including the widely-reported effects on animals.

Yours sincerely,

The undersigned:

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Angela Armstrong, M.B., Ch.B. retired General Medical Practitioner and Occupational Physician	Scotland	08.07.2016
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Jutta Reichardt, Soz.Päd.(graduate degree) behavioral therapist Spokeswoman of sound victims on <a href="http://www.opfer.windwahn.de">www.opfer.windwahn.de</a> (Affected by infra, low frequency and structure born sound of technical facilities such as wind turbines, pumps etc.)	Germany	10.07.2016
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Bernd Stymer Oldest and largest resistance against wind madness in Sweden website <a href="http://www.helgaro-liv.se/">http://www.helgaro-liv.se/</a>	Sweden	10.07.2016
William G. Acker Consulting Engineer with Acker & Associates; Eight years of research work on Infrasound & Low Frequency Noise from Cooling Towers, Industrial Wind Turbines, Boilers and Automoblies. Green Bay, Wisconsin	USA	10.07.2016
James Vanden Boogart President, Brown County Citizens for Responsible Wind Energy. Brown County	USA	10.07.2016

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Zbigniew Sienkiewicz Ecology, environment & human health, protection of citizens' rights	Poland	12.07.2016
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Linda Rogers, NP-PHC Nurse Practitioner Primary Health Care, Ontario	Canada	13.07.2016
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Gitte Nielsen Monnetvej 8	Denmark	15.07.2016
Jay J Tibbetts MD Vice Chair/Chair Brown County Board of Health Declared Shirley Wind IWTs a Human Health Hazard Oct, 2014 Green Bay, WI	USA	15.07.2016
Kalevi Nikula, Legal and External Affairs Director (retired) M.Sc., Physiology, Biophysics, Biochemistry. Chairman, The Finnish Association of Citizens Against Industrial Wind Power Plants (TV-KY ry.) <a href="http://www.tvky.info">http://www.tvky.info</a>	Finland	16.07.2016



Troels Flyvholm.	Denmark	16.07.2016
Kaj Bank Olesen, mink farmer from Vildbjergand & wind turbine refugee.	Denmark	16.07.2016
Bo Samson. Flight Engineer & quality coordinator, Tornbyvej 6 3700 Danmark	Denmark	16.07.2016
Marco Bernardi Dipl.-Ing. Fahrzeugbau, KFZ-Sachverständiger Webmaster von <a href="http://www.windwahn.de">www.windwahn.de</a> <a href="http://www.opfer.windwahn.de">www.opfer.windwahn.de</a> Seit 22 Jahren schallgeschädigt durch WEA	Schleswig-Holstein, Deutschland	16.07.2016
Dr. Friedrich Buer, Freier Biologe	Bayern, Deutschland	16.07.2016
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Dr. Christoph Leinb	Baden-Wurttemberg, Deutschland	17.07.2016
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Mr Mike Stigwood, Environmental Health	United Kingdom	22.07.2016

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Jane Wilson, RN President - Representing Wind Concerns Ontario. Ottawa.	Canada	22.07.2016
John Madigan Chair, Senate Select Committee into Wind Turbine Regulation, Australian Federal Parliament, 2015 <a href="http://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Wind_Turbines/Wind_Turbines">http://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Wind_Turbines/Wind_Turbines</a> Former Independent Senator for Victoria	Australia	23.07.2016
Emyr Griffiths, BSc Biol.Geol. Independent infrasound researcher - wife is hypersensitive to wind turbine infrasound and is now a wind turbine refugee.	Wales. UK	23.07.2016
Dr M L McKenna Chair of Ballantrae Community Council Member of Ballantrae Development Group. Beachbank House Foreland.Ballantrae KA26 0NQ	Scotland.UK	23.07.2016

Virginia Stewart Love, Grey Highlands, Ontario. Adversely affected by wind turbines since 2012 – effects corroborated by physician. The GREY/BRUCE presentation to the M.O.H & Health Board resulted in: (The Systemic Review 2013: Association between Wind Turbines and Human Distress) being conducted which determined "reasonable evidence supporting the existence of an association between wind turbines and distress in humans and the existence of a dose response relationship between distance from wind turbines."	Grey County, Canada	23.07.2016
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Barbara Ashbee Mulmur. Ontario. Impacted family and Co-ordinator of VOW - Victims of Wind	Canada	27.07.2016
Malcolm A. Swinbanks, M.A., PhD, Mathematician & Acoustician, having lived within an extensive windfarm community with direct experience of the adverse effects that can arise.	UK	27.07.2016
<b>Ripley Group:</b> Sandy & John MacLeod and family, (The late Mrs. Barbra Basser) and Family, (The late, Brenda) & Glenn Wylds : & family, Melissa & Kent Wylds & Family, and the neighbours who suffer silently.	Canada	28.07.2016