

Geoff Henderson is the founding director and currently the Managing Director of Windflow Technology Ltd which, since 2003, has raised \$150 million to build 106 mid-size (500 kW) New Zealand-made wind turbines in NZ and Scotland. He has been involved in wind power engineering since 1984, including seven years in California and England working at the forefront of wind power technology. During that time he invented the torque limiting gearbox (TLG) system which has been patented in New Zealand, Australia, and the USA and subsequently co-invented the low variable speed (LVS) system which has been patented in the USA, China, UK, Australia, New Zealand and several other countries.

Geoff is a graduate of Canterbury University with an honours degree in Mechanical Engineering. Initially "called" to this profession by mid-1970s concerns about fossil-fuel depletion, by the late 1980s he had realised that global warming is the more pressing politico-economic problem. "Thinking globally while acting locally" on this issue has underpinned his perseverance since then.

In 1994 he received the Communications Award from the Institution of Professional Engineers NZ (IPENZ) for his "outstanding contribution to the public affairs of the Institution and the engineering profession as a proponent of wind power in New Zealand".

His entrepreneurial efforts since returning to NZ in 1991 have resulted in the formation of Windflow Technology Ltd, the construction of the first Windflow turbine, and the establishment of an independent wind farm developer, NZ Windfarms Ltd, which operates NZ's only independent wind farm using Windflow's NZ-made turbines. That 48 MW wind farm is technically successful, though commercially challenged by NZ's poor policy settings.

He is a Fellow of the Institution of Professional Engineers New Zealand (IPENZ). He was a founding director of the NZ Wind Energy Association. He is also a registered professional engineer in California.

While his main expertise is in wind power, he did some undergraduate music and French papers before doing engineering, aspiring as a callow youth to the ideal of the "Renaissance Man". He likes to be well-read in philosophy, politics and poetry, and likes Sonny Kapoor's line "Everything will be alright in the end: so if it is not alright, it is not the end."

September 2018