

Observation on the proposed Dough Mountain Windfarm location:
Boleyboy, Cashelaveela, Cherrybrook, Killea, Coolodonnell, Faughery, Lissinagroath,
Lisdarush, Lugasnaghta, Raheelin, Shasmore, Tamnyfeacle, and Tullyskerney Co Leitrim

Case Reference: PAX12.324290.

Maureen Keaney, Clooneen, Manorhamilton Co Leitrim

I live in Manorhamilton which is near Dough Mountain. The mountain is part of the beautiful landscape in which I reside. When I heard of the proposed Wind Farm on Dough my immediate reaction was why choose there?

I have reviewed the application documents and in doing this, many concerns have become apparent:

The erection of 14 Turbines with a tip height of between 180 metres and 185 metres require a solid concrete foundation for each turbine. To achieve this **tons of concrete** will be transported to **each turbine site**. Existing roads and tracks will have to be upgraded and widened and a further 9 kilometres of new access tracks will be constructed. I am concerned about the impact of a long construction programme involving heavy construction traffic and abnormal loads travelling through local communities on existing narrow and windy roads.

The **existing blanket bog** which captures carbon very efficiently, will be cut through, to facilitate these concrete foundations for each turbine. The **destruction of the bog** laid down over hundreds of years is incompatible with a wind farm construction on this site. The scale of excavation and peat disturbance is of deep concern to me.

The reference to a **peat stability risk assessment** in the application **demonstrates the sensitivity of the site and concerns about peat stability**. The landslides at Shass Mountain in Drumkeerin and Derrybrien in Galway come to mind. In recent years higher levels of rainfall due to climate change, trigger fears of further landslides causing major environmental damage.

The connection to the grid is an important aspect of this project. The route to the grid is described as needing a 33.5kms **underground cable** to an existing ESB Networks Strananagh 110kv substation. We are aware that energy produced by

Windfarms is currently not being used as we cannot store this energy where it is produced and the National Grid needs upgrading. Will a similar fate happen to the energy produced by Dough Mountain Windfarm? As a nation we have been slow to upgrade our infrastructure and in this instance the upgrading of the National Grid is paramount. The effects on local traffic during the laying of this long cable underground will be extremely disruptive for local residents and regular road users.