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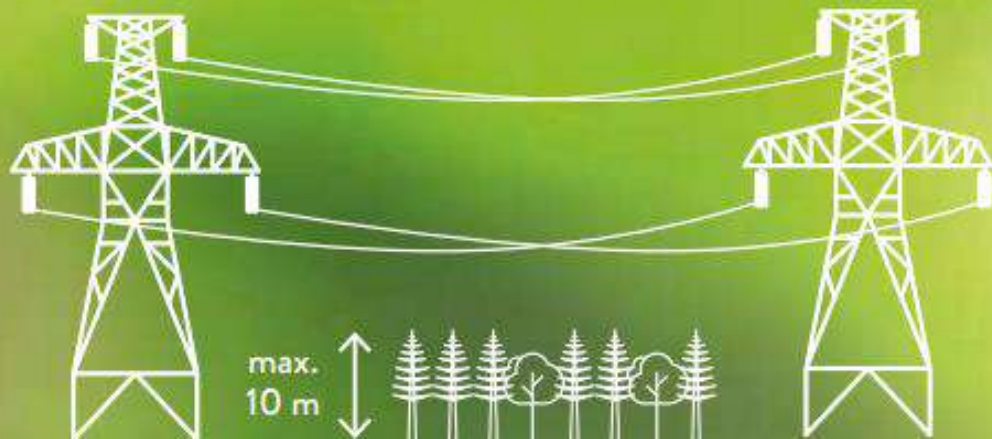
Green corridors for flying squirrels and other species

IVM workshops - Portugal

FINGRID

GREEN CORRIDORS for flying squirrels

The flying squirrel is an endangered species. Within the European Union, it can only be found in Finland and Estonia. Fingrid safeguards the breeding and resting sites of the species by establishing green corridors along the transmission line routes required for the green transition.



For green corridors, Fingrid expropriates the right of ownership of the land.



- [Green corridors for flying squirrels - Fingrid-lehti](#)

- Fingrid has previously erected artificial trees for flying squirrels to jump from, allowing them to glide through transmission line rights-of-way, even if there are several parallel transmission lines.

Monitoring?

- FG will establish green corridors for flying squirrels to pass through. These strips of forest will be about **50 metres wide**, allowing the squirrels to glide from one side of the transmission line to the other side.
- The technical solutions allow transmission line **towers to be built closer to each other than usual**. By reducing the spans between towers to 200 metres from the typical range of 250– 350 metres, the conductors can be high enough to allow trees to grow naturally, forming a green corridor without any electrical safety concerns.
- the green corridors are treated to form a continuum of young trees of different heights. When trees **grow to a height of 10 metres, they are felled and left in the terrain to decompose**, thereby promoting biodiversity.
- The green corridors will be near the flying squirrel **habitats identified by an environmental consultant**. The **locations are also influenced by surveys** based on habitat models from the Natural Resources Institute Finland and the Flying Squirrel LIFE project.
- FG is normally assigned the right of use of the land under transmission lines. However, for green corridors, Fingrid **expropriates the right of ownership** of the land to ensure the preservation and treatment of trees in the green corridor in line with the objectives of protecting the flying squirrel.