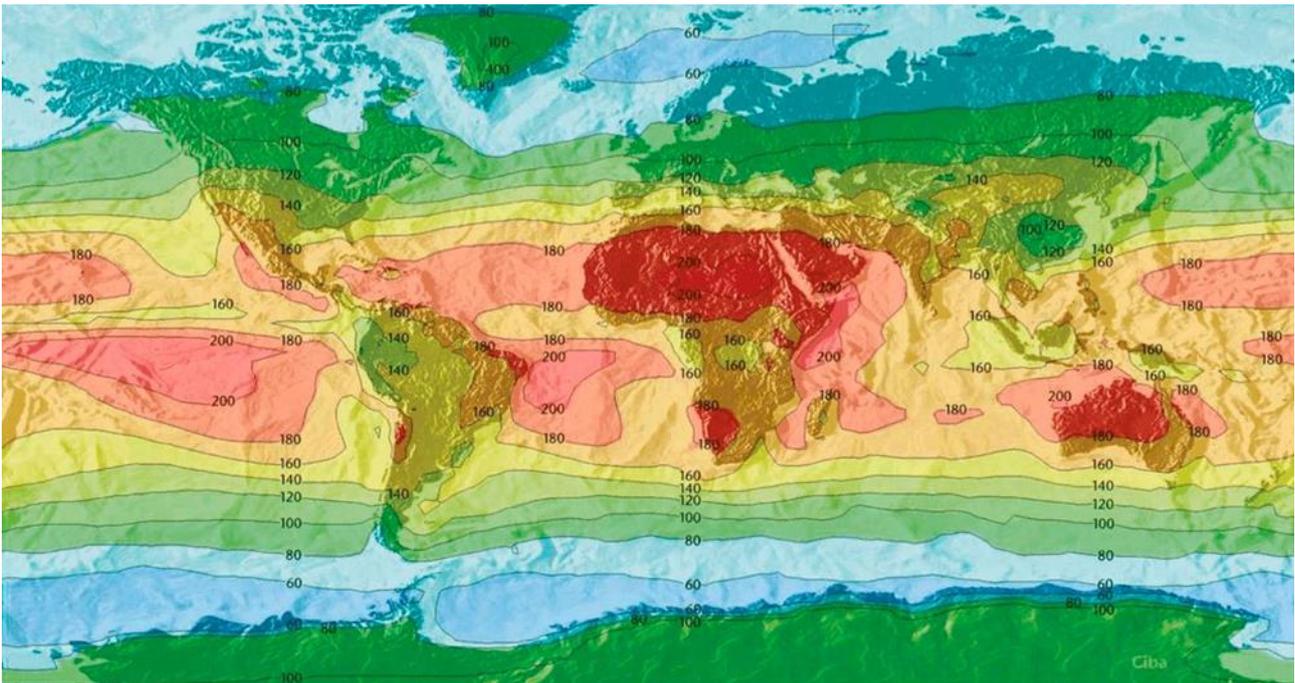


The adverse effects of solar radiation have increased significantly over the last years also in Middle Europe. This is due to global warming and can be seen concretely with increasing UV indexes.

The unit of the solar energy is Langley (Ly, ly) and it describes the solar radiation per surface area (J/cm^2). The solar radiation is measured in kilo Langleys (kly) per year and mapped worldwide per region.

The following map reflects the solar radiation energy.



According to this map, North Europe is in the 80 kly area. France belongs to 120 kly area and the Mediterranean countries are in the 140 kly area.

Scantarp has developed new better UV protected materials which will meet the required demands for each destination.

We recommend to choose from our extra UV protected products:

Vinyplan 6773 for areas 100 – 140 kly especially if the destination is by the sea or in Great Britain

Vinyplan 6773UV areas \geq 160 kly

Kirsi Grahn

03.06.2025

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