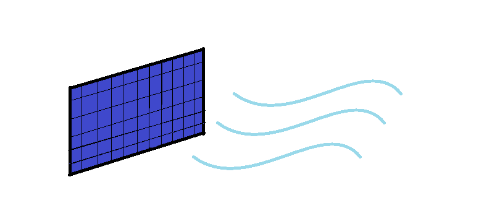
To protect our product against the meteorological agents, we made a brainstorming, and we finally found out the following solutions:

Against the rain:

Our Solar panel is waterproof, so if it gets wet, it is not affected on its own performance. The electric components or motors can get affected because of the water, so they will be protected inside a box incorporated on the final design of the sun tracking.

Against the wind:

The wind in some places can blow hard, and this could interrupt the sun tracking by moving the wrong degrees, this mainly happens, when the solar panel is facing the wind. So, if it is a certain hour and it is not capturing the sun-light the solar panel will rotate on its own so the wind does not interact perpendicularly.



Against the snow:

The Snow is a meteorological agent, that can block the source of energy. If it snows at night, there’s no problem, such as the polar panel is ubicated watching 0 degrees, the snow won’t interact on the solar panel, but if on the middle of the day it starts snowing and the solar panel is facing 90 degrees, as it moves really slowly it’s a matter of time that the solar panel stops form getting solar energy, so we solved that problem, making that if in sometime of the day stops getting solar energy, the motors will make some brief movements so that they make the snow fall.

The main problem of the snow was while the solar panel was facing 90 degrees, on the others positions as it is not perpendicularly, the snow will fall on its own.

Others:

It can sometimes get a rare weather condition, as the mud rain or the icy weather, but we already found out some solutions. The fabricant of the panel left some instructions of the maintenance, so once or twice a month in usual conditions, the solar panel has to be cleaned, just making sure the sensors are exposed to the ambient. If it has rain mud next day on the morning it has to get cleaned the solar panel.

In case of the icy weather, it is not a problem, so the solar panels are all thought to support this climate, that is because during the day as it is facing the sun, the ice will melt and will just be water.