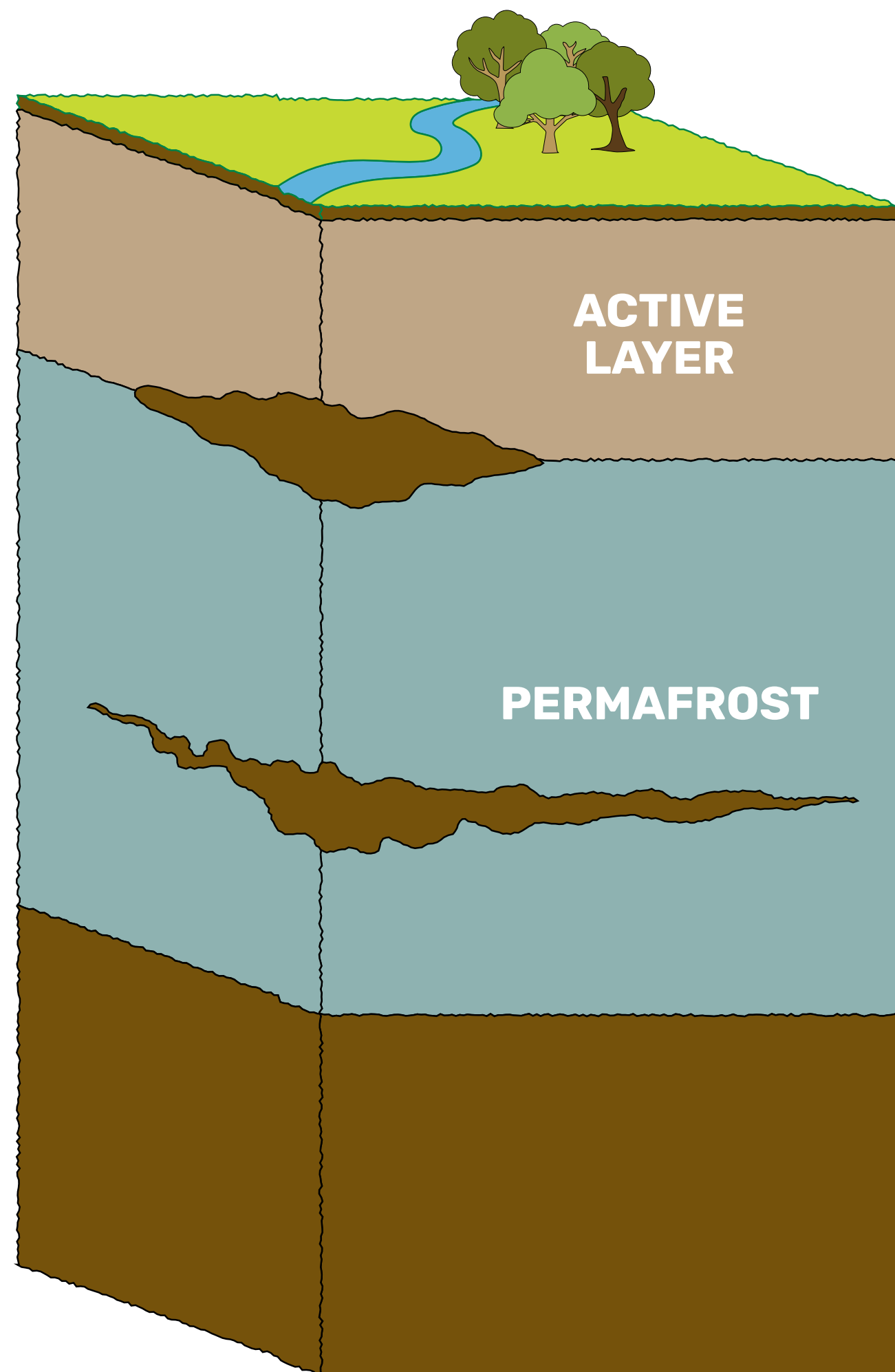


Permafrost



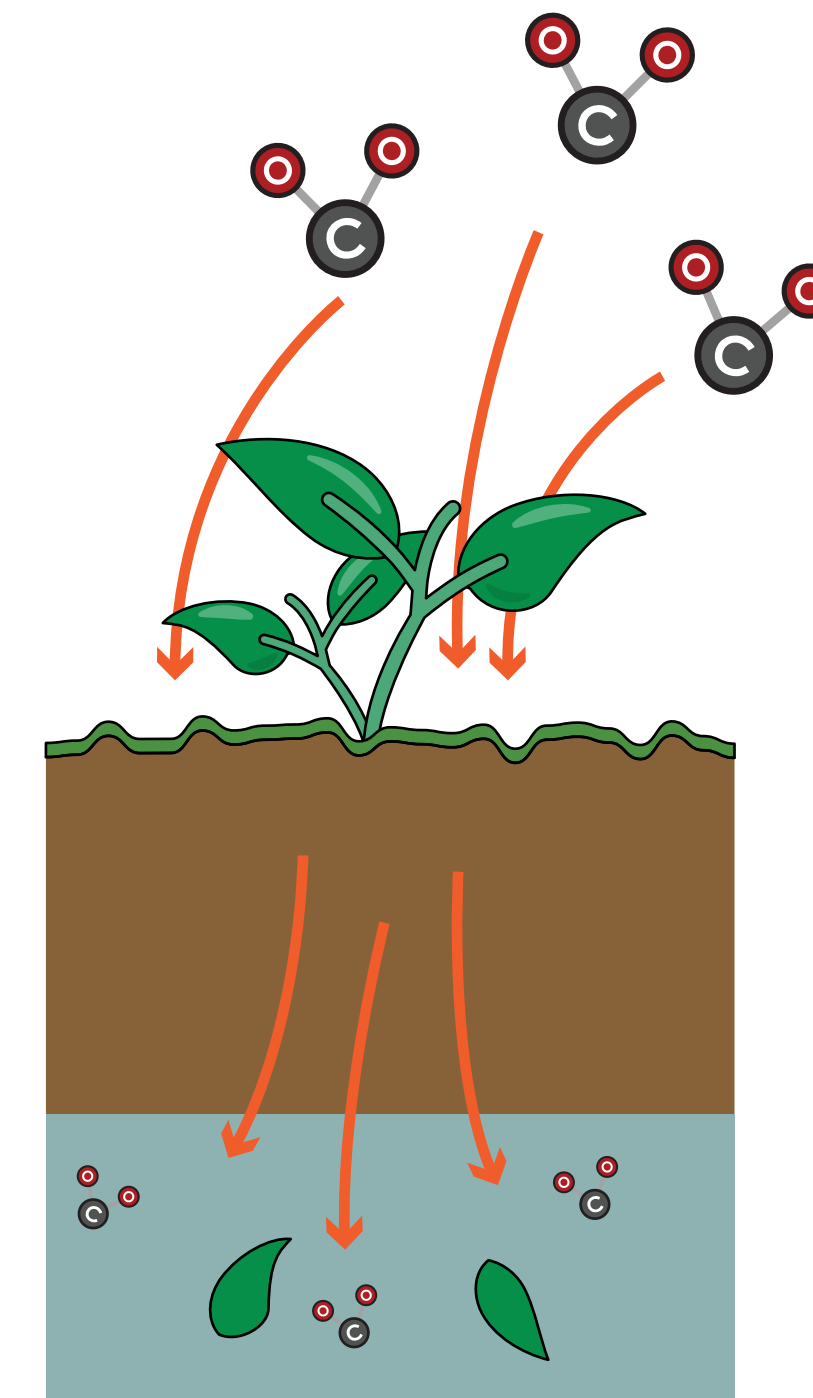
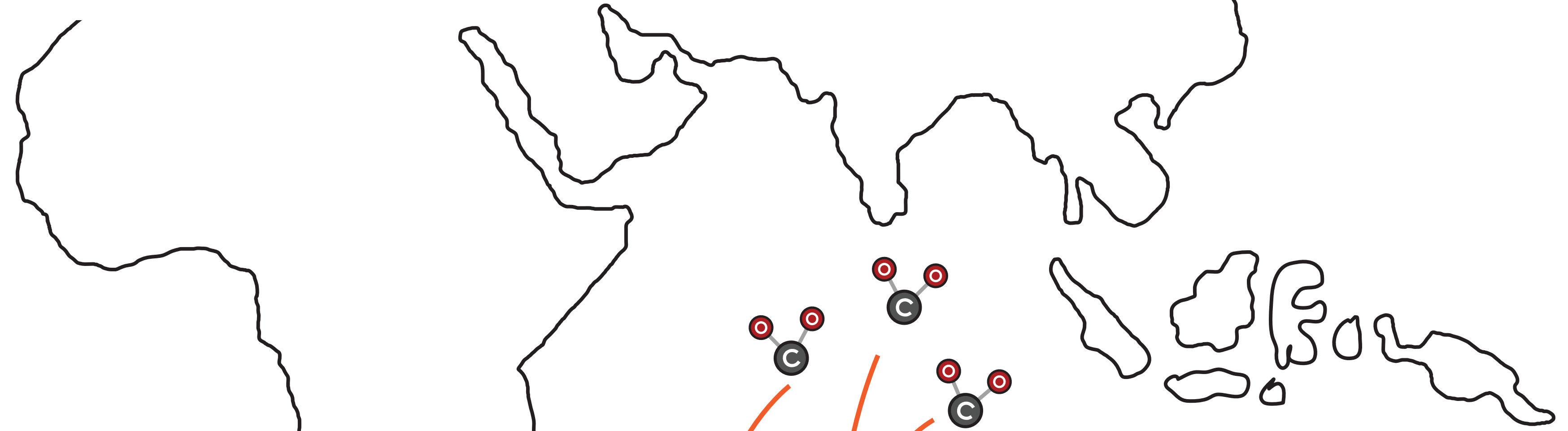
2. Where is it found?

It is found in the Arctic, in North America, and Russia.



1. What is permafrost?

It is a layer of permanently frozen soil and rock found under a layer of soil that is not frozen all year.

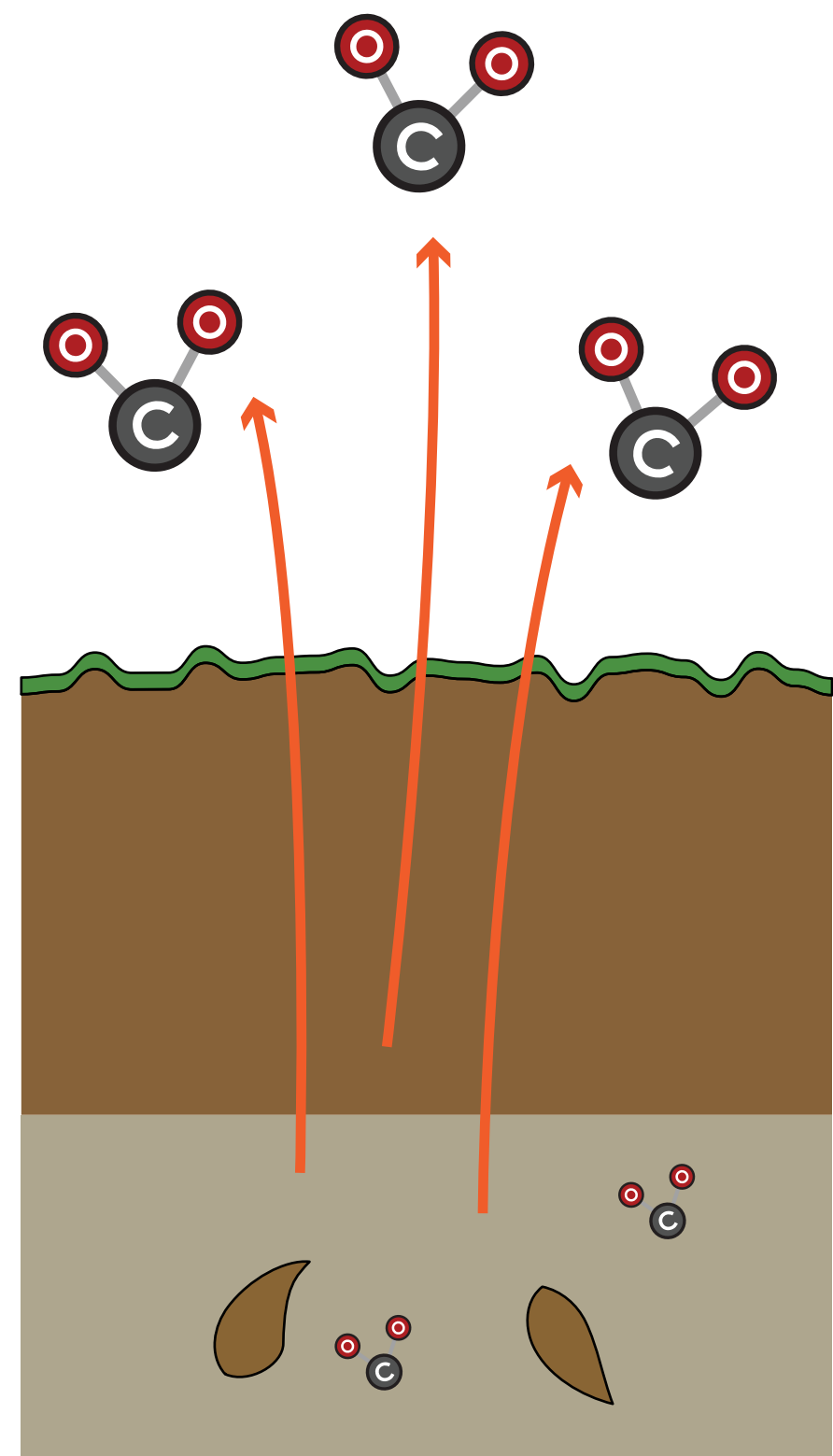


3. How does it help?

Plants take in carbon dioxide. When they rot into the ground, the carbon dioxide and methane gases are trapped in the permafrost.

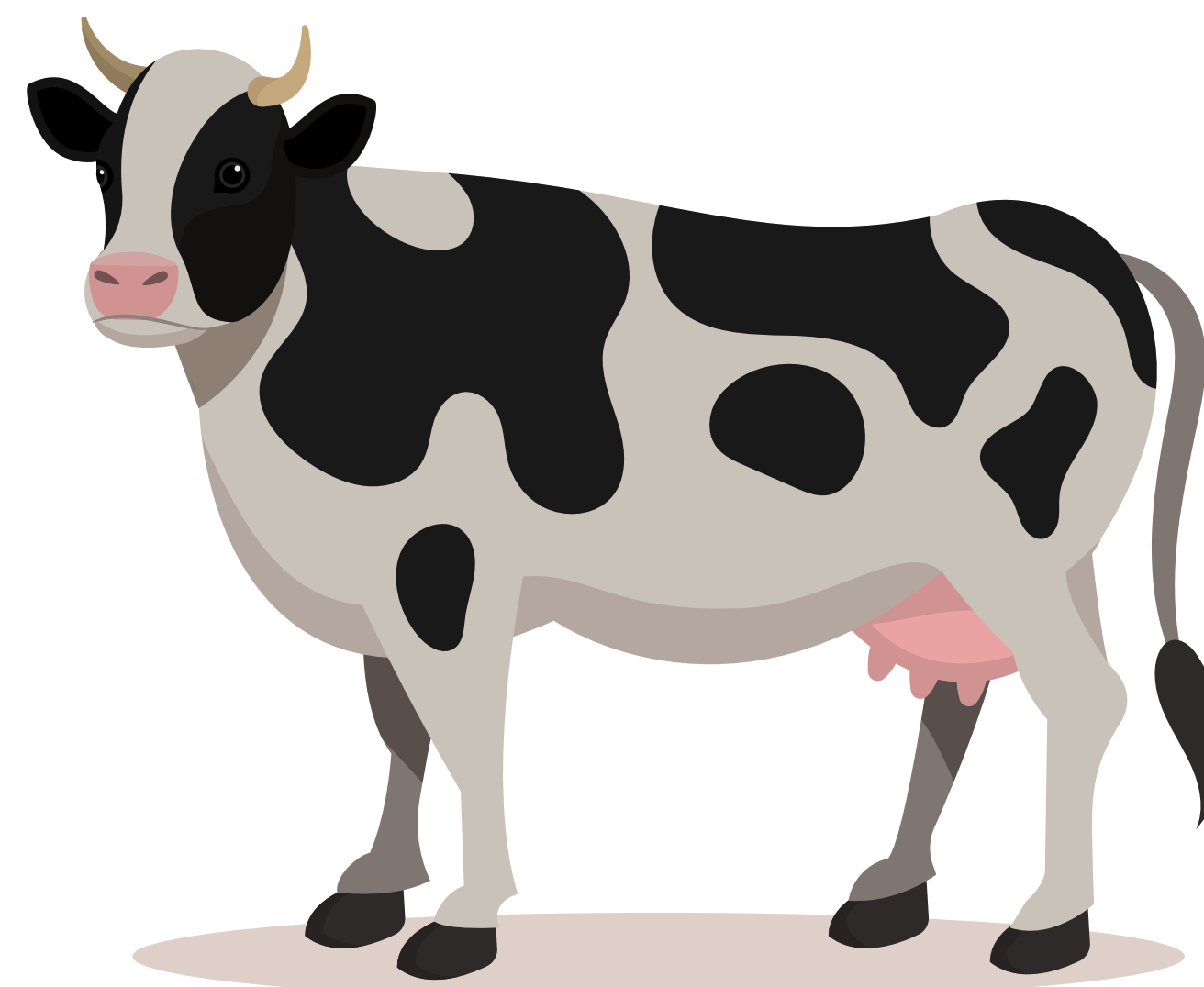
4. What is happening?

As the climate warms, permafrost melts and releases the gases, increasing the greenhouse gases being added to the atmosphere and makes climate change worse!



5. What is Pleistocene Park?

Long ago, mammoths, woolly rhinos and other large herbivores lived across the Arctic. Pleistocene Park is an attempt to 'rewild' the area by bringing large herbivores back!



6. How does 'rewilding' help?

Large herbivores remove large plants, leaving grassland. This reflects more solar radiation.

They also trample the snow, making sure that the ground below stays cold – keeping the permafrost frozen!

A useful, video introduction to the project for information

youtube.com/watch?v=IWn1PYu3ovQ