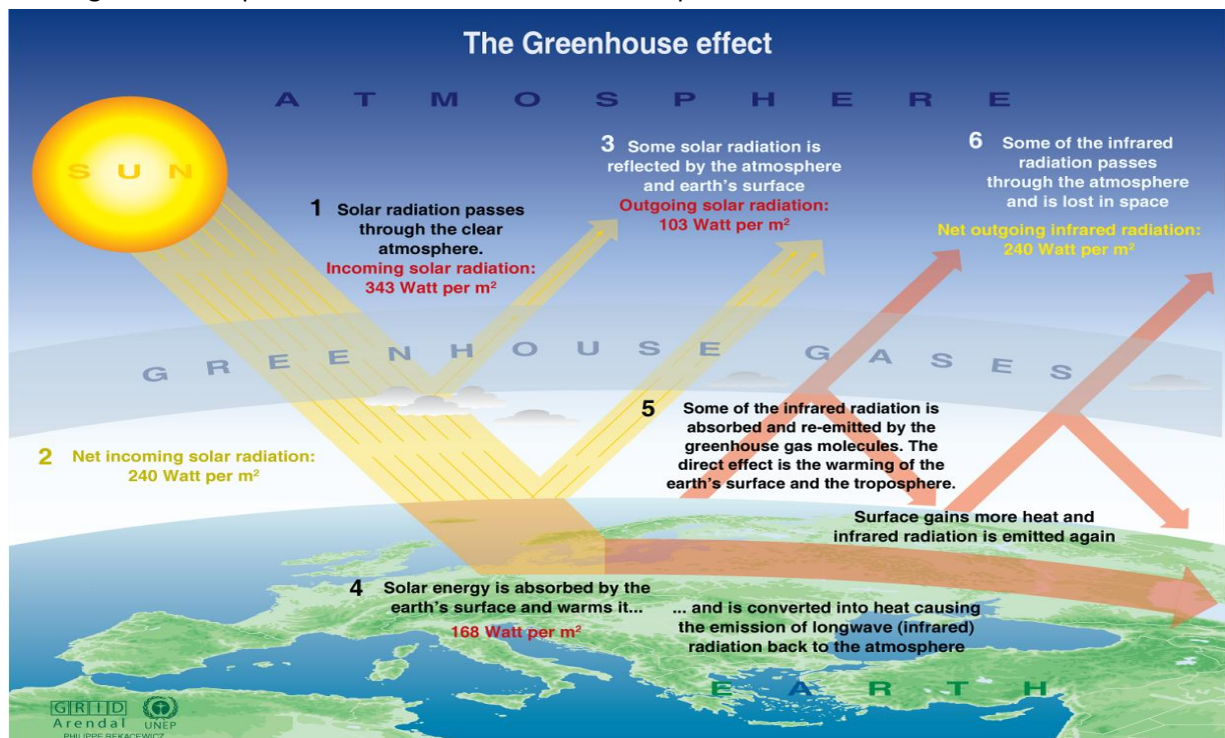


Burning of forests produce too much CO<sub>2</sub> to the atmosphere.

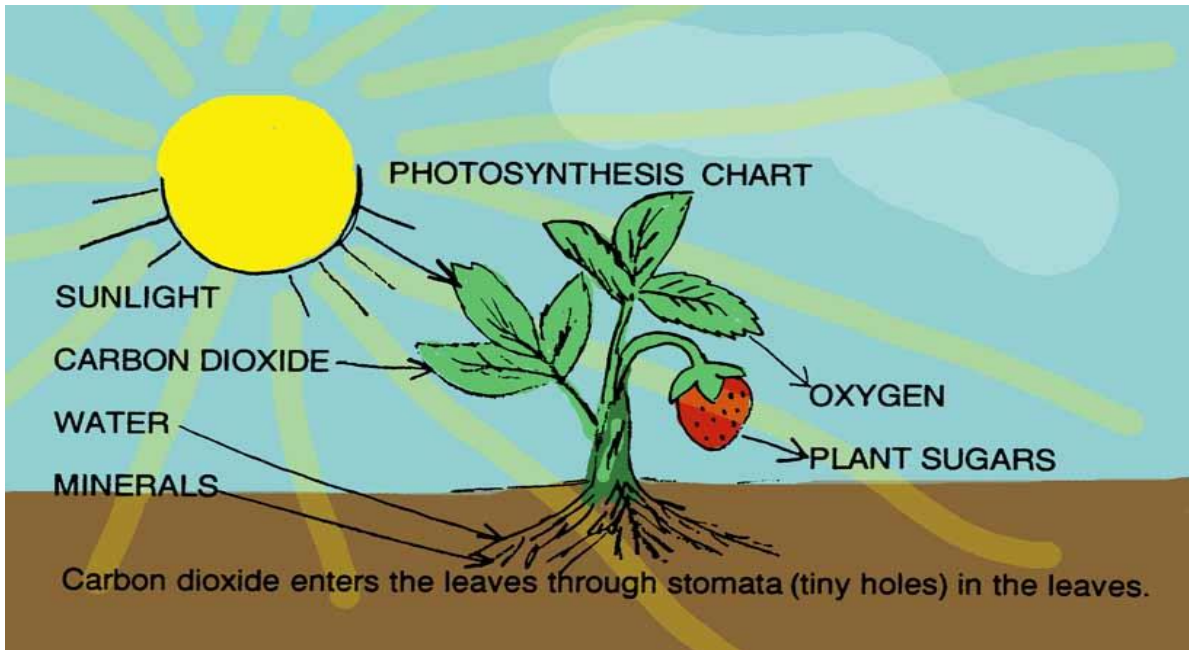


Sunlight shines onto the Earth's surface, where it is absorbed and then radiates back into the atmosphere as heat. In the atmosphere «greenhouse» gases (eg. CO<sub>2</sub>) trap some of this heat and the rest escapes into space. The more greenhouse gases (CO<sub>2</sub>) in the atmosphere, the more heat gets trapped (more light rays can't be returned to the space).

Planting more new trees would help reduce concentration of CO<sub>2</sub> in the air, because plants use carbon dioxide and release O<sub>2</sub> in the processes of photosynthesis:

Overall equation of photosynthesis:





Therefore green plantations will absorb CO<sub>2</sub> (at a ratio of greenhouse gas emissions by approximately 55% of CO<sub>2</sub>) and allocate oxygen, resulting in the decreasing of carbon dioxide concentration in the atmosphere which will reduce the greenhouse effect.