



Project „Think Green”, Erasmus+ KA210
„Small-Scale Partnerships in School Education Project”



Think green!

Deforestation and its negative effects on the ecosystem



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Forests - the greatest natural treasure

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The importance of forests:

A huge amount of the oxygen in the atmosphere is produced by forests

Forests stabilize the soil, preventing landslides and erosion caused by rain or wind

They provide the necessary wood for burning, timber and paper

Help conserving biodiversity, representing a complex ecological system that houses numerous species of plants and animals

Absorb an important amount of CO₂, purifying the atmosphere



It is an amazing recreation space with many accredited therapeutic effects

Greatly reduce the size of floods during torrential rains

Filter rainwater

Source of natural remedies

Deforestation

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Deforestation, or forest clearing, refers to the complete removal of woody vegetation from a specific area without subsequent regeneration, including the extraction and removal of roots and shrubs, resulting in a change of land use and land purpose.



Causes of deforestation

✓ Industrial agriculture

Transforming the forests into arable or grazing lands

✓ Urbanization

Urban and infrastructure development, including the construction and extension of roads, represent the third major cause of global deforestation.

✓ *Overexploitation of timber resources* for fuel and illegal or unsustainable logging.

✓ Climate change

Extreme events triggered by climate change, such as wildfires, droughts, and floods, have a significant impact on forests.

The effects of deforestation on the environment

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- Soil erosion;
- Droughts and floods are becoming increasingly frequent;
- Landslides;
- The reduction of biodiversity, posing the risk of endangering species of animals and plants, leading to their potential extinction.
- Degrading the soil, increasing the aridity of the climate, increasing the intensity of the wind speed;
- Global warming;

Possible solutions

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- Halting large-scale logging activities;
- Implementing reforestation programs;
- Effective laws and regulations from organizations and governments to support the implementation of forest conservation policies;
- Recycling and reusing resources;
- Reducing paper consumption;
- Promoting environmental education.



Protecting the planet with our own hands

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