The Lorax Project

IBDP Geitonas School

CONTENTS

Here's what you'll find in this presentation:

- Project's vision

- Definition of deforestation

- Causes of deforestation

- Effects of deforestation

- Our team

- Service action

- Raising awareness

- Suggesting solutions
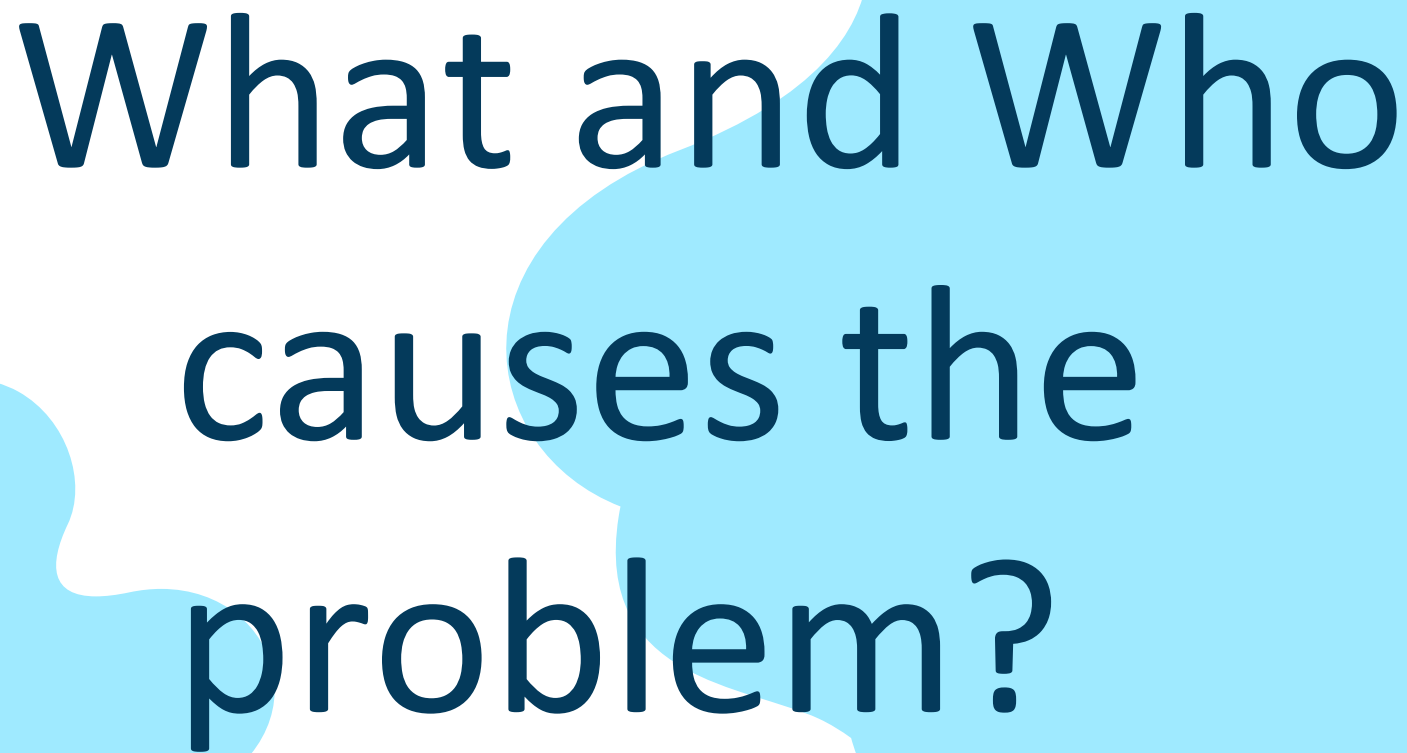
Project Vision

Help the next generation gain knowledge about deforestation and mobilize the greatest possible number of people's willingness to adapt and bring a brighter future by sharing necessary knowledge and practices.

What is deforestation?

Deforestation means cutting or clearing trees and
forests covering a large area, and not replanting them

What and Who causes the problem?

01

Infrastructure
Developments

02

Population Growwth

03

Logging

04

Expansion of
agricaltural land

05
Urbanization

06
Forest Fires

07
Climate Change

08
Lack of awareness and enforesement

01

Infrastacture projects

Contraction of roads, highways, hydroelectric dams, etc.

02

Population Growth

The demand for resources increases.

03

Logging

Timber products for construction, furniture and paper.

04

Expansion of agriculutural land

The demand for food and other agricultural products increases.

05

Urbalization

Expansion of cities and need for more residual areas.

06

Forest Fires

Natural and human-caused fires.

07

Climate Change

Climate change included events such as droughts.

08

Lack of awareness and enforesement

Inadequate awareness and forest protection laws.

What are the consequences of these actions?

Let's talk about the effects of deforestation

Loss of biodiversity

. . .

Forests house millions of plants and animal species.

Soil erosion

. . .

Deforestation decreases infiltration and leads to higher amounts of runoff

Disturbance in the water cycle

. . .

Dry air, low humidity, and decreased precipitation will inevitably lead to a desert-like climate.

Disturbance of homelands and integinus communities

These communities rely on forests for their livelihoods and cultural identity.

Climate change

Trees play a crucial role in mitigating climate change by absorbing carbon dioxide by the process of transpiration.

Economic impact

Deforestation can provide short-term economic gains but in the long-run, it decreases ecosystem services.

Loss of medical resources

Forests are a rich source of medicinal plants and natural compounds.

THIS IS

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researcher Katerina Kavalari

Projet designer

OUR TEAM

Ilias Litenas — Video editor
Evelina Kouremeti — Communication
Odyseas Mavromatis — representative
& Sotiris Polalis — Questioner editors

Our Service Action

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On **Sunday, January 15, 2023** the Lorax team members participated in a reforestation action organized by Oloi Mazi Boroume and assisted as Volunteers by planting as many little trees as possible.
● All the volunteers were gathered at 10 a.m. at the meeting point in PIKPA Penteli.
● And after gathering the necessary equipment for the planting, the fun began!!

We had multiple people joining us and we all had a fantastic time!
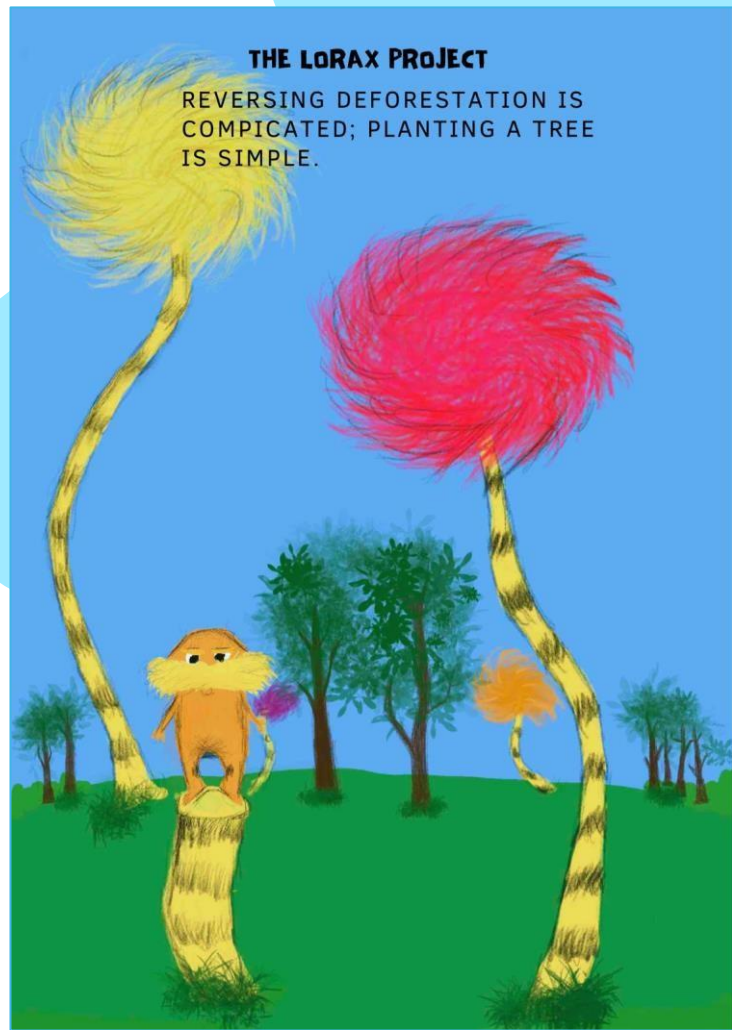
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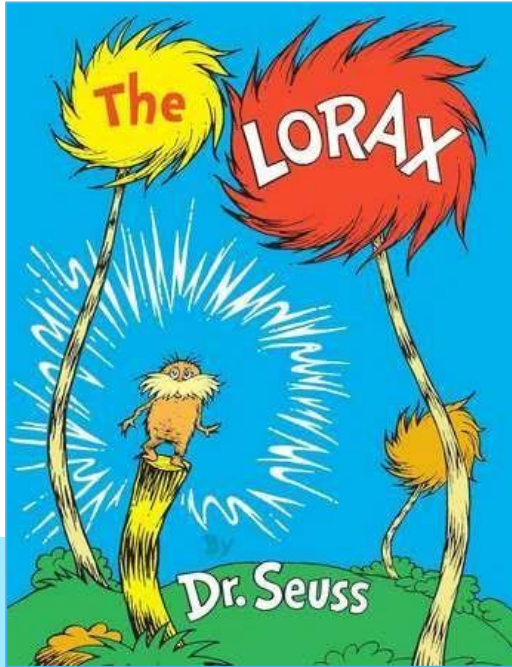
Raising Awareness

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- Educated adolescents about Greece's deforestation problem.

- Advised individuals to subscribe to the Oloi Mazi Mporoume newsletter.

- Created a poster to concern individuals.

Our poster:

THE LORAX PROJECT

REVERSING DEFORESTATION IS COMPICATED; PLANTING A TREE IS SIMPLE.

Why name it 'The Lorax Project' ?

Suggesting solutions

Recycle and buy recycled paper

Go paperless

Avoid products that contain palm oil

Reduce meat consumption

Use renewable energy resources

Offset your carbon footprint

Plant Trees

Volunteer or donate

Each one of us can make a difference. Together we can make a change.

Thanks!

We are here to answer them.

Do you have any questions?